



Israel Yearly Insight 2018

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January

January 4, 2018 12:35 am JST

Marubeni readies Israeli office to study burgeoning startups

Japanese trading house eyes partnerships, will follow suit in US and China

TOKYO -- [Marubeni](#) will open an Israeli office this year to study startups in the so-called Silicon Valley of the Middle East, as the Japanese trading house hopes to cultivate partnerships in cutting-edge fields such as artificial intelligence and the "internet of things."

The Tel Aviv office will debut as early as April. Israel has captured the attention of venture capitalists worldwide thanks to the country's efforts to promote startups. Many businesses are being created in a broad range of fields including cybersecurity and autonomous driving. Universities such as Technion-Israel Institute of Technology produce promising startups.

Marubeni's peer [Mitsui & Co.](#) maintains an office in Israel, while [Sumitomo Corp.](#) plans to open one in fiscal 2018.

Marubeni intends to set up offices that specialize in gathering information about startups in the U.S. and China as well. The U.S. location will be in Silicon Valley, while Shenzhen and Beijing are among the possibilities in China.

(Nikkei)

Harel-Hertz serves as Marubeni consultants in Israel



Renault-Nissan-Mitsubishi Launches New VC with office in Tel Aviv

01/15/2018 |

The **Renault-Nissan-Mitsubishi automotive alliance** announced the launch of Alliance Ventures, a new corporate venture capital fund that plans to invest up to \$1 billion to support open innovation over the next five years.

In its first year, the fund expects to invest up to \$200 million in start-ups and open innovation partnerships with technology entrepreneurs focused on new mobility, including vehicle electrification, autonomous systems, connectivity and artificial intelligence.

With further annual investments, Alliance Ventures is set to become the largest corporate venture capital fund in the automotive industry over the period of Alliance 2022, the strategic midterm plan launched last year by Renault-Nissan-Mitsubishi.

Carlos Ghosn, chairman and chief executive officer of Renault-Nissan-Mitsubishi, said, "Our open innovation approach will allow us to invest and collaborate with start-up companies and technology entrepreneurs, who will benefit from the global scale of the Alliance. This new fund reflects the collaborative spirit and entrepreneurial mindset at the heart of the Alliance."

The new fund is unique because it offers potential partners access to the global scale and scope of Renault-Nissan-Mitsubishi, which sold more than 10 million vehicles in 2017 through 10 separate brands with a presence in all major automotive markets.

Alliance Ventures will invest in start-ups to bring new technologies and businesses to the Alliance while ensuring a fair financial return. The fund will make strategic investments at all start-up stages and will incubate both new automotive entrepreneurs and forge new partnerships.

The first deal by Alliance Ventures will be a strategic investment in Ionic Materials, a promising US-based company which is developing solid-state cobalt-free battery materials. The equity acquisition coincides with the execution of a joint-development agreement with the Alliance for the purpose of R&D cooperation. Ionic, based in Massachusetts, is the developer of a pioneering solid polymer electrolyte that enables improved performance and cost-effectiveness of high-energy density batteries for automotive and multiple other applications.



By making such investments, Alliance Ventures will help identify and support the development of new technologies for potential use by Alliance members. Such initiatives are aligned with the objectives of Alliance 2022, which aims to strengthen cooperation and to double the annualized synergies generated by Renault, Nissan and Mitsubishi Motors to more than E10 billion by the end of 2022. The \$200 million initial venture capital investment comes in addition to more than E8.5 billion in total annual research and development investments by the Alliance members.

Alliance Ventures will be led by François Dossa, who has over 20 years of experience in investment banking, plus six years of experience within the Alliance, most recently, as CEO of Nissan Brazil. The Alliance Ventures team will also draw on the expertise and business opportunities identified by a Cross-Functional Team of experts from Renault, Nissan, and Mitsubishi.

This initiative complements the Alliance strategy to seek incremental revenues, cost savings and cost-avoidance in areas including electrification, autonomous drive systems and vehicle connectivity. By the end of its strategic plan, the Alliance will launch 12 pure electric models, utilizing common EV platforms and components, while also bringing to market 40 vehicles with autonomous drive technology and developing robo-vehicle ride-hailing services.

Alliance Ventures will define innovation areas and geographic markets for investment, working with existing research and advanced engineering teams, and will recruit venture capital experts to develop the platform. **It is expected to be co-located in Silicon Valley, Paris, Yokohama, Beijing and Tel Aviv close to the technology and research centers of the Alliance member companies, as well as to areas with strong innovation ecosystems.**

Renault (40%), Nissan (40%) and Mitsubishi Motors (20%) will jointly fund the entity, which will have a dedicated investment committee to make investment decisions and monitor their performance. "This investment initiative is designed to attract the world's most promising automotive-technology start-ups to the Alliance," said Carlos Ghosn.

As part of the Alliance 2022 strategic plan, Renault-Nissan-Mitsubishi is forecasting that the combined revenues of its member companies will reach \$240 billion and that annual unit sales will exceed 14 million by the end of 2022.

Japan's NEC and Tel Aviv University Set Up Incubator

Tel Aviv University (TAU), TAU Ventures and Japanese electronics giant NEC are founding AlphaC, a new incubator program for early stage startups. With its first class scheduled to begin this February, the program will focus on cyber ventures. A selection process will take place during January that will shortlist 10 early stage ventures that will join an intensive, 3-month incubation program. AlphaC will run from a new space designated and prepared for this purpose at TAU Technical Engineers School at the Broshim Compound near TAU campus in north Tel Aviv. The participants will receive close, personal support from the project's manager and representatives of partner companies, access to University resources, specialized business and technological mentors, a spacious and comfortable work space, high quality, focused content and direct communication channels with industry.

Japan's Daiso stores to enter Israeli retail market

Globes 24 Jan, 2018 15:25

Union Group, the franchise holder for H&M and COS in Israel, will operate the stores.

Union Group, the franchise holder for H&M and COS in Israel and the official importer for Toyota and Lexus, will operate stores of Japanese retail chain Daiso in Israel. The chain's first two stores are scheduled to open this summer.

Daiso, founded in 1977, is a chain of stores on the "every item for a dollar" model. In Israel, it will compete with chains such as Max Stock and Hastock, due to its combination of large stores and cheap products.

The chain is expected to market a wide variety of 100,000 products at a fixed low price, including design and accessories products for different parts of the home: kitchen, living room, bedroom, children's rooms, and the bathroom, in addition to accessories, toys, design aids for birthdays, work tools, gardening tools, electronics products, auto products, sewing tools, animal accessories, etc. Most of the products to be offered in the stores are made exclusively for the Japanese chain's private label.



Daiso Japan operates 4,900 stores in 26 markets. In addition to 3,000 stores in Japan, Daiso has nearly 2,000 branches outside Japan. The large selection of its products, which are offered at bargain prices, ranges from bags to children's dolls, and is sold worldwide, including in Latin America, the Persian Gulf, and all over Asia.

According to the "The Economist," Daiso dominates a sector estimated at \$5.8-7.7 billion in Japan alone, and is the only chain of its kind to expand outside Japan. The company's revenue totaled \$4 billion in 2015. The chain's rock bottom fixed price consistently attracts Japanese consumers concerned about economic problems in their country. The chain's most popular items are batteries and small products for the home.

Railway Cybersecurity Startup Cylus Raises \$4.7 Million in Seed Round

Investors include Tokyo-based SBI Holdings

Tofi Stoler12:0628.01.18

Railway cybersecurity startup Cylus Cyber Security Ltd. raised \$4.7 million in a seed round, the company announced Thursday. Investors include Tel Aviv-based venture capital firm Magma Venture Partners General Partner Ltd., the Israel branch of Vertex Venture Capital, Tokyo-based SBI Holdings Inc. and Israeli cybersecurity entrepreneur Zohar Zisapel.

Founded in 2017 and based in Tel Aviv, Cylus focuses on cybersecurity systems designed specifically for railways and metros, many of which use components and communication protocols that were not designed with cyber threats in mind.

"Current approaches to cybersecurity do not fit the architecture of railway networks today," Cylus CEO Amir Levintal said in a statement. The company's systems provide rail companies with instant detection services, he explained, also blocking cyber-attacks in their networks, including in their signaling systems and rolling stocks. "The automotive industry has woken up to the critical need for cyber protection—it's time the railway industry got on board as well," Mr. Levintal added.

Cybersecurity is vital to passenger safety, said in a statement Boaz Zafir, co-founding president of Cylus and former CEO of Israel Railways, adding that railway companies must acknowledge that and take appropriate measures.

"Train attacks are no longer science fiction," added Cylus co-founder Zohar Zisapel. Vehicles, passengers and railway infrastructure are top targets for hackers, he said.

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Earlier this month Israel-based Foresight Autonomous Holdings Ltd. announced that its subsidiary, railway safety system company Rail Vision Ltd., is working in “collaboration with Nvidia Corporation in system development.” A spokeswoman for Foresight confirmed that Rail Vision is using the chipmaker’s hardware and support to develop its technology.

Sequans Announces Collaboration with SoftBank to Accelerate the Deployment of LTE-M and NB-IoT Technologies in Japan

January 24, 2018

PARIS--(BUSINESS WIRE)--Sequans Communications S.A. (NYSE: SQNS) announced that it has established a technology collaboration with SoftBank Corp. (“SoftBank”), a subsidiary of SoftBank Group Corp. and Japan’s leading mobile operator, to accelerate the deployment of LTE-M and NB-IoT technologies in Japan. The two companies are conducting interoperability testing of Sequans’ Monarch LTE-M/NB-IoT platform with SoftBank’s network equipment and are developing a dedicated implementation of LwM2M* technology designed to streamline the device level testing process that will result in accelerating the deployment of new IoT devices on SoftBank’s network.

“SoftBank is a leader in promoting LTE for IoT in Japan and its efforts to make the technology ready for connecting objects of all kinds shows its commitment to growing the IoT and to accelerating the deployment of LTE for IoT devices on its network,” said **Danny Kedar, VP, IoT Business Unit**, Sequans. “We are pleased to collaborate with SoftBank and to enrich the ecosystem with LTE for IoT modules specifically designed for SoftBank’s network and customers.”

The collaboration with SoftBank is based on interoperability testing with SoftBank’s network equipment and Sequans’ Monarch LTE platform, the industry’s first and most highly optimized LTE-M/NB-IoT chip. Monarch integrates baseband, RF, power management and RAM in a single die. Its advanced features include ultra low power consumption in active and sleep/idle modes, and unique RF filtering technology that enables a true single, worldwide SKU with multi-band support for universal and flexible IoT implementation.



* LwM2M (lightweight M2M) is a communication protocol for use between client software on M2M devices and server software on an M2M management and service platform. The protocol is defined by the Open Mobile Alliance and built to provide a means to remotely perform service enablement and application management for IoT devices and connected appliances.

About Sequans Communications

Sequans Communications S.A. (NYSE: SQNS) is a leading provider of single-mode 4G LTE semiconductor solutions for the Internet of Things (IoT) and a wide range of broadband data devices. Founded in 2003, Sequans has developed and delivered seven generations of 4G technology and its chips are certified and shipping in 4G networks around the world. Today, Sequans offers two LTE product lines: StreamrichLTE™, optimized for broadband devices, including CPE, mobile and portable routers, and high-performance IoT devices; and StreamliteLTE™, optimized for lower data rate and narrowband IoT devices, including wearables, trackers, and sensors. Sequans is based in Paris, France with additional offices in the United States, United Kingdom, Israel, Hong Kong, Singapore, Sweden, Taiwan, South Korea, and China

SolarEdge taps Omron for roll-out of three-phase, HV inverter solution in Japan

SolarEdge's new three-phase, DC-optimized and high-voltage inverter and monitoring solution to enter the Japanese market in March via distribution partnership with domestic inverter specialist Omron.

SolarEdge, the Israel-headquartered inverter and DC optimizer specialist, will ramp up its presence in the lucrative Japanese high voltage solar market in March when it launches a new three-phase, DC-optimized inverter solution via partnership with domestic company Omron.

The agreement sees SolarEdge tap Omron's long-established distribution and sales channels to market its solution, which comprises inverters, power optimizers and module-level monitoring.

Omron's after-sales service network extends to 140 locations across Japan, and so offers the potential for SolarEdge to gain a stronger foothold in a market that has traditionally been tough to break into for foreign firms.

As Japan's solar sector has become more saturated and mature, the demands placed on solar installations in the country are beginning to alter. Higher voltage components are growing in



popularity, and the prevalence of [small utility and large commercial arrays](#) being built in less-than-optimal, ie, shaded or hilly locations, is expanding. These factors play into the hands of a three-phase, optimized solution such as that offered by SolarEdge.

Despite enjoying good success in the optimizer space in Japan over the past few years, SolarEdge has found entry to the three-phase inverter market more difficult due to the presence of strong domestic competition in the form of Tabuchi, Yaskawa and Omron.

The benefits to SolarEdge of this partnership appear obvious: Omron is, according to IHS Markit data, Japan's largest PV inverter supplier, so by partnering with such a strong brand SolarEdge will certainly enjoy an image boost.

"This partnership will also allow SolarEdge to defend its position in a market in which non-Japanese suppliers are continuing to expand," IHS Markit senior solar analyst Cormac Gilligan told **pv magazine**. "For example, SMA is growing there and has a power optimizer solution via Tigo, and Huawei will expand its portfolio with a power optimizer solution too." Taiwan's Delta has already established itself in Japan, Gilligan added.

The benefits to Omron include the fact that the Japanese company only sells a limited quantity of three-phase inverters domestically, focusing more on single-phase, explained Gilligan.

"While Omron does ship single-phase inverters to the sizeable <50kW (small commercial) installation market in Japan, there is a growing trend to start using three-phase string inverters such as 25 kW, which SolarEdge offers," he said. "This will enable Omron to address the huge small commercial market, which IHS Markit forecasts to be 1.8 GW in 2018, making it the largest segment in Japan."

As PV inverter prices have continued to decrease in Japan, mirroring global trends, and as residential market growth has slowed, local PV inverters suppliers are striving to add new sales opportunities to their business.

By working closely with SolarEdge on this solution, Omron does not need to step up its R&D efforts to plug this growing gap in the market, and instead will profit-share with SolarEdge, suggested Gilligan. "The market in Japan does favor premium high-quality and is open to new technology, so being able to offer MLPE such as power optimizers and assist customers with higher energy yields via combating shading and roof alignment constraints will be a good method of maintaining or growing market share in what is still a crowded space.



February

Agreement on Regenerative Medicine Innovation signed between FIRM (Japan) and ISCS (Israel)

In order to promote exchange of companies between Israel and Japan in the field of regenerative medicine and to build further results, and to provide the platform for commercial deliverables and interactions between Japan and Israel in the field of regenerative medicine, the **Regenerative Medical Innovation Forum (FIRM) and Israel Stem Cell Society (ISCS)** announced on February 26, 2018

We have concluded a memorandum of understanding (MOU) with the aim of mutual cooperation of organizations.

The conclusion of the ceremony was held at the Israeli ambassador's residence in Japan, and Yuzo Toda, Chairman of FIRM and Israel Ambassador to Japan, Jaffa Ben Ali, said, "Both of the countries known worldwide for originality and innovation are utilized in unique fields of regenerative medicine. The partnership is not an addition of 1 + 1, it is just multiplication and there is a mission to open a breakthrough in building a society that seeks to promote future healthy life"



Hitachi Chemical Licenses Patents and Know-How for Technologies Relating to Stem Cell Culture Media/Stem Cell Culture Methods from Accellta in Israel

Dream Incubator Inc. (hereinafter "DI"), provided advisory service along with **Harel-Hertz Investment House Ltd** (hereinafter "HH") to the leading stem cell startup in Israel – Accellta Limited (hereinafter "Accellta"), in the technology alliance with Japan's chemical company Hitachi Chemical.

—Accellta is growing to become "Intel of Stem Cell" in tie up with Japan's chemical company —

Feb 5, 2018
Hitachi Chemical Co., Ltd.

Hitachi Chemical Co., Ltd. (Head Office: Tokyo; President and CEO: Hisashi Maruyama; hereinafter "Hitachi Chemical") announces the signing of a Technical License Agreement with the Israeli company "**Accellta Ltd.**" (Head Office: Haifa, Israel; CEO: Dr. Michal Amit; hereinafter "Accellta"), which develops culture media(*1) and culture methods for stem cells production offering a range of innovative proprietary technology designed to offer high quality affordable stem cell culturing solutions.

Accellta was founded in November, 2012 with its technology and know-how based on the accumulated 20 years of pioneering stem cell research and development efforts at **the Israel Institute of Technology (known as Technion)**. Accellta has developed stem cell culture media and methods that enable, among others, high speed mass culturing of stem cells and its technologies have been presented at major international academic conferences and garnered high acclaim. Added to these achievements, Accellta's patent applications have been filed on a worldwide basis and are now allowed in many countries. Accellta has attempted to introduce a paradigm shift to the stem cell marketplace: its media product has the potential to quickly, efficiently, and cost-effectively growing massive quantities of clinical grade cells in xeno-free, feeder-free culture, utilizing methods of growing the cells in suspension. Furthermore, Accellta's



novel stem cell growth technologies aim to shift the use of stem cells for clinical and regenerative applications by providing large quantities of stem cells for high-throughput drug screening and development, providing raw material for the use of stem cells within therapeutic applications, and supporting the exponential growth of the 3D printing and the bio fabrication fields.

Hitachi Chemical has recently obtained the license for Accelltas latest media which is devoid of human/animal derived components and comprised only of artificially synthesized substances, offering a high level of safety that is key to the success of regenerative medicine. Compared to standard stem cell suspension cultures, in which cells are attached to a suspended substance (microcarrier) to make them float, the stem cell culturing method using this media is designed to enable larger scale cell culturing in suspended conditions without a microcarrier.

Regenerative medicine refers to treatment methods that involve transplanting cells derived from in-vitro cultures into the body to help restore organs or immune functions damaged by injury or disease. The development of treatment methods that make use of cancer immunotherapy(*2) and cell therapies using somatic stem cells(*3) and iPS cells(*4) continues to progress, and in recent years, clinical applications have notably increased, especially in cancer immunotherapy and somatic stem cell therapy. The regenerative medicine market is expected to develop rapidly with deregulation in Japan and the commercialization of iPS cells, while the global market in related industries is projected to begin expanding around 2025, reaching 5 trillion yen in 2030 and 15 trillion yen in 2050.(*5)

Hitachi Chemical announced its entry into the contracted cell manufacturing market for regenerative medicine(*6) in March 2016. Following this event, in May 2017 Hitachi Chemical completed its acquisition of the U.S.-based company now named Hitachi Chemical Advanced Therapeutics Solutions, LLC, and is leveraging that company's PCT contract development and manufacturing services to provide a globally harmonized platform for its Regenerative Medicine Business Sector clients. Hitachi Chemical's development and manufacturing facility in Yokohama City, Kanagawa Prefecture, providing the PCT platform, will begin full operation in April 2018 as the largest scale facility of its kind in Japan. U.S. facilities providing this service platform are already in operation in New Jersey and California.

With the Technology License Agreement signed with Accellta and the utilization of licensed technologies regarding Accellta's stem cell culture media and culture methods, Hitachi Chemical now seeks to reinforce its technological strength in contracted cell manufacturing for regenerative medicine to achieve high quality, low-priced cell production. Looking ahead, Hitachi Chemical



plans to customize culture media to match the products developed by pharmaceutical companies or other customers, offering added value to clients of the PCT regenerative medicine contract development and manufacturing services platform looking for integrated solutions. In addition to culture media, Hitachi Chemical also plans to take full advantage of its accumulated knowledge in the materials technology field to engage in the manufacture of expendable supplies, such as containers and reagents, and will accelerate the expansion of businesses related to regenerative medicine even further.

*1 Culture media are liquid or solid substances containing the necessary nutrients for culturing cells, etc.

*2 Cancer immunotherapy is a method of cancer treatment that involves activating and strengthening immune cells outside the body before returning them to the body for the enhanced immune system to inhibit cancer cell proliferation.

*3 Somatic stem cells are stem cells found in different tissues of living bodies.

*4 "iPS" cells are a type of pluripotent cell that can proliferate like stem cells and differentiate into various cells. This cell technology has a high potential for applications in regenerative medicine.

*5 Source: Ministry of Economy, Trade and Industry (2013), Final Report Compiled by the Study Group on Commercialization and Industrialization of Regenerative Medicine.

*6 The business of contracted cell manufacturing for regenerative medicine involves the manufacture and supply of cells on a contract basis with pharmaceutical companies, hospitals, and research institutions for use in regenerative medicine.



Japanese lifestyle giant Miniso to open dozens of stores in Israel

israelhayom.com/2018/02/15

Miniso operates 1,800 low-cost variety stores worldwide, plans to open 50 stores in Israel over the next five years.

Japanese lifestyle giant Miniso announced Wednesday that it plans to open dozens of stores in Israel.

Miniso operates 1,800 low-cost variety stores across Asia, Europe, Australia, Africa, North America and South America.

The company plans to open 50 stores in Israel in the next five years and will invest 15 million shekels (\$4.2 million) in launching its first 10 stores over the coming year. The first store, in Tel Aviv, is expected to open its doors in the next few months.

Miniso said it plans to offer about half of its products in Israel for just under NIS 20 (\$6).

Last week, South Korea's Minigood chain announced it was exploring the option of opening three stores in Israel.

Minigood manufactures and markets bags and clothing, household goods, personal care and cosmetic products, office equipment, digital products and toys. It operates hundreds of stores in Asia and will likely arrive in Israel through a local franchise holder.

According to financial daily Globes, Minigood plans to open 10 outlets in Israel in the next two years.



NRGene teams with Bridgestone to develop resilient rubber-producing plants

Gene-mapping startup and tire firm will collaborate to sequence and assemble genomes of guayule, an undomesticated American shrub

[Times of Israel 19.2.2018](#)

Israel's gene mapping startup NRGene has teamed up with Bridgestone Americas Inc., a unit of the world's largest tire and rubber company, to develop a more resilient rubber-producing plant.

The two companies will be working together to sequence and assemble multiple genomes of guayule, a rubber-producing undomesticated plant that is indigenous to the hot, dry environments of the southwestern United States and Mexico. The idea is to use genetic analytics to help breed better and stronger varieties of the plant so that the rubber it produces can be used by Bridgestone as an additional source of rubber, generated in the US.

The guayule plant is an evergreen shrub than can grow in totally different environments from those of the para rubber tree, the main source of natural rubber. Para rubber trees are native to South American tropical areas and are found in Europe and the Far East as well. The rubber produced by the guayule plant is similar to that of the para rubber trees, and it is thus expected to become a new source of natural rubber, Bridgestone says on its [website](#).

As part of the collaboration, NRGene, which is the only company in the world that has managed to map the genome for bread, pasta and wild emmer wheat, has already, for the first time ever, sequenced and completely assembled two guayule genomes.

In addition, "a physical and genetic map are being developed that will provide a high level of accuracy and efficiency for breeding improvement," the two companies said in a joint statement on Monday.

"We are looking forward to utilizing NRGene's capabilities and experience in agricultural genome analytics to move our guayule breeding program to a new level that will ultimately benefit our customers and society," said Nizar Trigui, chief technology officer, Bridgestone Americas, in the statement.



NRGene's software will develop comprehensive genome assemblies of multiple varieties of guayule to help discover the genetic variations in the species and to identify those species with the more resilient traits. This will help breed better plants — by protecting them from stresses and diseases — and increase the overall rubber yield.

The effort is part of Bridgestone's push to develop a sustainable guayule natural rubber industry in North America for the production of tires. The firm already has a team of scientists working to improve productivity of the crop through breeding and genetics, agronomy, and working with growers.

"Rubber is critical to every aspect of our lives, from tires to medical devices," said Gil Ronen, the CEO of NRGene. "Sustainable use of our natural resources is always a key concern, so this represents a major step forward. With more insights into guayule, Bridgestone will be able to increase rubber yields while reducing the resource requirements."

Nashville, Tennessee-based Bridgestone Americas, Inc. (BSAM) is the US subsidiary of Japan's Bridgestone Corporation, the world's largest tire and rubber company.

Founded by Ronen and Guy Kol in 2010, NRGene is a [genomic](#) company that enlisted code crackers from the Israeli Defense Forces' elite 8200 unit to write algorithms and software to breakdown the genetic makeup of [humans](#), plants, and animals, with the aim of mapping complex genomes quickly and accurately to help breeding and research programs.

NRGene's software is used by some of the leading [seed](#) companies in the [world](#) as well as academic researchers globally.

IDenta Corp Receives First Order from Major Japanese Firm Which Could Lead to Use at Tokyo Olympic Games of 2020

February 20, 2018 / IDenta Corp. (OTC PINK: IDTA), a worldwide leader in the development of Drug, Drug Precursor and Explosive Detection kits, has received its first order from the Japanese company, **Shikoku Electric Power Corporation**. IDenta products will be used for security and inspection purposes. This huge company has been in existence for over 50 years and has infrastructure throughout the country.



Amichai Glattstein, the COO of IDenta, said, "It was an arduous challenge to enter the Japanese market. It required significant patience and high-quality products. The country is preparing to test technologies that will be used in the 2020 Olympic Games in Tokyo. We are pleased that our products now have an approved presence in the country. This could facilitate the possible use of IDenta products throughout Japan, including their potential use at major events such as the coming Olympic Games."

About IDenta Corp.

Since 2002, IDenta Corporation and its subsidiary, IDenta Ltd., have been recognized as worldwide leaders in the development of proprietary on-site Drug, Drug Precursor and Explosive Detection kits. IDenta Corp. develops, manufactures, and distributes revolutionary products for both the professional and civil markets which consistently pass the highest qualifications and testing procedures of law enforcement and security agencies around the world.

Japan's NTT Invests \$3 Million in Car Data Broker Otonomo

The Israel-based startup offers technology to monetize the data collected by cars

Meir Orbach18:4520.

Otonomo Technologies Ltd. an Israel-based startup that offers technology to monetize the data collected by cars, announced Tuesday a \$3 million investment from **NTT Docomo Ventures Inc.**, the venture capital arm of the Japanese telecommunications company.

The deal follows the startup's \$25 million dollar round last year, which was led by auto parts maker **Delphi Automotive PLC with participation from Hearst Ventures and previous investors Bessemer Venture Partners, StageOne Ventures and Maniv Mobility.**

Founded in 2015, Otonomo has raised a total of \$41 million in equity funding.

Car makers and tech companies have been studying ways to cash in on the massive amount of data processed by connected cars, from tire pressure to fuel consumption. Otonomo's approach is to act as a middleman between the cars and potential buyers like insurers and marketers, taking a cut on the sale of data.



Lured by the opportunity of learning more about its drivers' behavior, several insurance companies already buy data on Otonomo's exchange.

More than two million vehicles are tapped into the data exchange, according to a report from Bloomberg. Otonomo also told Bloomberg that it is conducting pilot programs with 10 car companies and 11 automotive firms

Announcement of strategic partnership to further accelerate TDK's global R&D activities

- **Part of the acceleration of TDK's global R&D activities**
- **Partnership with StoreDot Ltd., which offers fast-charging lithium battery technology**

Mar. 1, 2018

TDK Corporation (TSE 6762, President and CEO: Shigenao Ishiguro; hereinafter "TDK") announced that it has concluded a joint development agreement with StoreDot Ltd. (CEO and Founder: Doron Myersdorf; hereinafter "StoreDot"), an Israeli startup that excels in fast-charging technology for lithium-ion batteries, with the aim of joint development. TDK invested in StoreDot. The amount of the investment will not be disclosed.

The new strategic partnership aims to commercialize StoreDot's fast-charging technology promptly.

StoreDot was founded in Herzliya, Israel, in 2012, leading to the development of new materials related to batteries. The company's fast-charging "flash battery technology" makes it possible to charge a smartphone in approximately five minutes. TDK assessed that the technology will be necessary to enhance the added value of the rechargeable battery business in the future, which resulted in this investment.

This investment is also an outcome of its global R&D, in which TDK seeks to expand its activities in major regions of the world. In addition to fundamental research in Japan, TDK



promotes R&D activities in the U.S., Europe, and China, mainly in applied research. Israel is the fourth base outside of Japan and is undertaking an important function mainly to explore new technologies and create future business opportunity.

Moving forward, TDK will explore new technologies that are likely to grow as future business, and further expand and develop global R&D activities.

About StoreDot Ltd.

StoreDot Ltd. is an innovation leader in materials and device applications, developing ground-breaking technologies based on a unique methodology for the design, synthesis, and manufacturing of both organic and inorganic compounds. Designed to replace known technologies with enhanced chemical, electrical, and optical properties, StoreDot's proprietary compounds, inspired by nature, can be optimized for multiple industries including fast-charging batteries in mobile devices, electric vehicles and for next generation LCD displays.

About TDK Corporation

TDK Corporation is a leading electronics company based in Tokyo, Japan. It was established in 1935 to commercialize ferrite, a key material in electronic and magnetic products. TDK's portfolio includes passive components, such as ceramic, aluminum electrolytic and film capacitors, ferrites and inductors, high-frequency products, and piezo and protection components, as well as sensors and sensor systems and power supplies. These products are marketed under the product brands TDK, EPCOS, InvenSense, Micronas, Tronics and TDK-Lambda. TDK's further main product groups include magnetic application products, energy devices, and flash memory application devices. TDK focuses on demanding markets in the areas of information and communication technology and automotive, industrial and consumer electronics. The company has a network of design and manufacturing locations and sales offices in Asia, Europe, and in North and South America. In fiscal 2017, TDK posted total sales of USD 10.5 billion and employed about 100,000 people worldwide.



March

eToro Raises \$100m to Support Global Expansion and the Development of Blockchain-Backed Technologies

FX Empire · March 22, 2018

Fundraise follows a period of significant growth for the business which now has 9 million users worldwide.

SBI Group among new investors

London, 21 March 2018 – eToro, the world’s leading social trading and investment platform, today announced a Series E fundraise of \$100 million to support its expansion into new markets as well as its continued research and development of blockchain technology and the digitization of assets.

Led by China Minsheng Financial, the round of funding was participated in by SBI Group, Korea Investment Partners, World Wide Invest and other investors. Rothschild acted as the exclusive financial adviser to eToro.

[eToro](#) joined the London Stock Exchange’s ELITE programme in 2015 and completed its capital raising with the support of ELITE Club Deal, London Stock Exchange Group’s private placement platform.

The new investment brings the total capital raised by the business to \$162 million and follows a period of significant growth for the business-driven, in part, by demand for investments in the cryptocurrency market.

Commenting on the fundraising, Yoni Assia, CEO, and founder of eToro said: “eToro was built with the vision of democratizing financial markets by making trading and investing accessible to all. Since launching, we’ve seen strong customer demand for our approach and today’s announcement is an important milestone in marking the success that we’ve had and signaling a new period of growth and expansion for our business.

“This round of investment will be critical in helping us to further develop our technology infrastructure to support the rapid growth that we’ve recently experienced. It will also help us to



enter new markets, enabling us to bring our social approach to investing to more people around the world and providing more people with safe and secure access to the markets.

“On top of this, as new technology continues to change finance, we want to remain at the forefront of that change. So today’s announcement will help us to continue our market-leading work in blockchain research and the development of digital assets.”

[eToro](#) was founded in 2007 and now has a community of over 9 million users. In 2017, eToro received over \$1bn in customer deposits and over one million new registrations in Q4 alone. This has led to a period of expansion for the business globally, including the opening of new offices and a drive to increase headcount.

eyeSight Collaborates with Sony Mobile to Bring Next-Gen Computer Vision to a Consumer Device Near You

Integrating eyeSight’s computer vision software into Sony Mobile product will unlock new interaction and personalization capabilities for consumers

Herzliya, Israel – March 12, 2018 – eyeSight Technologies, a leader in embedded computer vision and deep learning solutions, today announces its collaboration with [Sony Mobile Communications Inc.](#) – a wholly owned subsidiary of Sony Corporation, a leading global innovator of audio, video, game, communications, key device and information technology products for both the consumer and professional markets. By integrating eyeSight’s sensing technology into Sony Mobile’s interactive projector Xperia Touch, users will now be able to experience the most natural form of communication with their devices through both touch and touch-free interactions.

Xperia Touch is equipped with a revolutionary surface-touch based interaction, but recently received a computer vision-based facelift that now allows its users to experience and communicate with the device via touch-free interaction. Relying on the existing built-in camera of the device, eyeSight was able to enrich the user experience, allowing users to have immediate and direct control from afar with the content projected without the need to touch a surface.



“We are excited to add eyeSight’s embedded computer vision technology to the Xperia Touch,” said Hiroshi Ito, Deputy Head of Smart Product Business Group at Sony Mobile. “We aim to offer our customers the most intelligent and advanced user experiences, and with the synergy between our touch and voice-based interaction and eyeSight’s touch-free gestures, we’re able to fulfill that promise.”

eyeSight’s complex technology simplifies the interaction between humans and devices, and the touch-free gesture interaction is just part of the big picture. “Our computer vision AI is more than just a gesture control solution,” said Gideon Shmuel, CEO of eyeSight Technologies. “The technology provides devices with an intelligent-seeing capability that enables it to react to our presence and even create personalized experiences by identifying who we are.”

eyeSight’s vision for the future is more than just computer vision, as the company believes in combining more than just one interaction method users experience to current devices. By combining the three key methods – touch, vision (gestures & awareness) and voice – both companies will be able to deliver experiences which are as close as human-to-human interaction can get in the human-machine world.

“This exciting, synergistic collaboration with Sony Mobile opens the door to the continued introduction of devices that enrich the consumer experience through simplified, personalized interaction,” says Shmuel. “Sony Mobile is a leader and innovator in user experience, and we look forward to working together to bring this simple yet intelligent synergy.”

Successful PoC demonstration of data flows control function by edge computing

KDDI collaborate with Israeli Saguna Networks Future functional extension to a mobile network for connected car services

SAITAMA, JAPAN, February 23, 2018 — KDDI Research, Inc., announced today that it has developed the large data flows control function where an edge compute node (MEC) (*1) assesses the priority of large amount of data generated by connected cars and successfully conducted an experiment of sending high-priority data to cloud in real time. This experiment is a part of standardization activities in ETSI ISG MEC (*2) and executed as an ETSI official PoC (*3). Through this PoC, we revealed the usefulness of MEC API (*4) in the field of connected cars. This result will be exhibited at the “Mobile World Congress (MWC) 2018” (Hewlett Packard Enterprise partner booth, Hall 3 Stand 3E11) (*5) from Feb. 26 to Mar. 1 in Barcelona, Spain.

Background

Nowadays the majority of devices are connected to networks, this trend is attributed to the rapid growth of IT technology geared towards improvement of the quality of daily life. As for cars, “connected cars” that are always connected to networks are designed for the purpose of driving assistance, sending/receiving car maintenance information, entertainment related data etc. In the era of connected cars, sensed data by in-car sensors, point cloud data by LiDAR (*6), image data by in-car camera and so forth are transmitted to networks and used for driving support. Thus congestion in mobile networks will occur as communications traffic volume increases as well as the traffic jam, causing some transmission delay of high-priority data that must be sent in real time.

About this PoC

KDDI Research developed a data flow control function where a MEC Application assesses priority of data transmitted by many connected cars and controls them depending on their priority. This function is implemented on servers provided by Hewlett-Packard Japan, Ltd. (HQ: Koutouku, Tokyo CEO: Hitoshi Yoshida) and on the platform by Saguna Networks Ltd. (HQ: Yokneam, Israel CEO: Lior Fite)(*7). We successfully conducted the experiment of uploading high-priority data in real time using the developed MEC Application. The system collects the information about mobile network using APIs being standardized in ETSI ISG MEC, and then predicts future network resource utilization. Based on the predicted results, the system assesses which data flow



should be transmitted immediately and enables connected cars to send high-priority data in real time and low-priority data to be delayed.

In addition, the concept of “grouped cars” where some cars within a certain distance are packed as one group was introduced based on transportation engineering, and a control function to suppress redundant data transmission within the grouped cars was developed. With this control function, the system identifies the grouped cars and prioritizes data transmission from the lead car of the group, for example, when uploading images of the road condition in front of the lead car. These novel functions suppress 80% of data volume and transmission of high-priority data can be performed in real time (*8).

KDDI Research will continue to conduct research and development to realize future mobile networks for the impending connected car era by enhancing the developed function and considering the introduction of 5G and beyond.

[About KDDI Research](#)

KDDI Research plays the core of research, development and think tank of KDDI group. Looking to the future beyond 2020, KDDI Research would like to strengthen and accelerate the creation of next-generation technologies and the enhancement of the ability to predict the future across the company, while promoting a seamless flow from research analysis to R&D. In order to provide customers with new value and experiences, we would like to continue the “Challenge for the Future” through such activities.

Terafence Seals Equity Investment and Business Alliance with a Japanese Company, CRI Middleware Co., Ltd.

March 19, 2018

HAIFA, Israel--([BUSINESS WIRE](#))--Terafence, a cutting edge cyber security solution provider for IoT/IIoT devices seals a \$2M equity investment and business alliance with CRI, a Japanese company, traded in the Tokyo Mothers stock exchange (code:3698).

Terafence, is a developer of an advanced cyber security solution for the fast growing IoT/IIoT market. Terafence developed “TFence™”, a hardware-based solution, which enables a physical data direction control and filtering in application layers.

CRI is a leading developer of advanced video compression technology, "CRI DietCoder" for the growing network surveillance camera market which compresses video data to less than one third, without image deterioration and thus solves the increasing video transmission data needs.

Terafence and CRI realized the potential synergies of a joint solution specifically targeted at cyber security for "surveillance camera networks". The combined solution provides high level cyber security, simple to implement and cost-effective solution for IoT, ICS/SCADA networks. This alliance will also enable Terafence to rapidly expand its business to Japan.

Hezi Erez, founder & CEO of Terafence commented, "The IoT market is expanding rapidly. It is predicted that IoT compatible equipment would reach 50 billion devices by 2020 (CISCO "Embracing the Internet of Everything to Capture Your Share of \$14.4 Trillion", 2013). While IoT contributes to our QOL it is associated with cyber-security threats. Specifically, surveillance cameras, that are widely used as IoT devices, need to be protected from hacking. It is well known that video cameras were the focus of many large DDoS cyber-attacks as demonstrated, for example, in the case of the October 2016, east coast of the USA, hackers that used the security cameras as botnet. At the same time the protection should not involve video quality reduction, a combination that provides additional value. CRI and Terafence will develop an optimal solution to secure networks which involve remote surveillance system."

Masao OSHIMI, CEO of CRI said, "Video compression, image recognition and network security are getting more and more important. Our alliance with Terafence will help us add to our video compression technology for surveillance camera solutions, cyber security layers which are lightweight, high resolution and secured."

This alliance includes equity investment of \$2M by CRI and both parties expect to expand and fine-tune their business to the growing need for cyber security solution for the IoT/IIoT and surveillance market

Ericsson, Sony Mobile and Altair Announce LTE-M eHealth Concept Demo

LTE-M/Cat-M1 connected eHealth concept for diabetes monitoring, based on Sony Mobile cloud-based service, wearable prototype powered by Altair's ALT1210 Chipset and Ericsson's commercial Massive IoT network solution to be demonstrated at MWC

HOD HASHARON, Israel, Feb. 14, 2018 /PRNewswire/ -- [Altair Semiconductor \(altair-semi.com\)](http://www.altair-semi.com), a leading provider of LTE chipsets, today announced its collaboration with [Ericsson](http://www.ericsson.com) and [Sony Mobile](http://www.sony.com) to demonstrate a new concept for LTE-M/Cat-M1 powered diabetes monitoring at this year's Mobile World Congress.

The wristband prototype connects via Bluetooth to a smart transmitter for Continuous Glucose Monitoring (CGM) provided by Senseonics (<http://www.senseonics.com/>). The wearable wristband monitors and displays blood sugar levels, activity, sleep and heart rate, alerting the user when glucose levels drop, and is used in conjunction with the Sony cloud solution and Xperia smartphone application. Altair's [ALT1210](http://www.altair-semi.com) chipset provides the wearable device with LTE-M/Cat-M1 connectivity to the cloud, without dependence on a smartphone for cellular coverage.

"The wristband prototype is one proof of concept for health services with the potential to significantly improve quality of life," said Izumi Kawanishi, Director, EVP, Product Business Group, Sony Mobile Communications Inc. "We selected Altair's ALT1210 chipset as it offers unparalleled low power consumption and cost efficiency, while its reduced size is essential for integration in the wristband form factor."

The ALT1210 is an LTE Cat-M1 chipset, software upgradeable to single antenna LTE Cat-1, with extremely low power consumption. It is highly integrated with an on-chip PMU, DDR memory and low-power application layer subsystem with a robust security framework for customer-developed applications, enabling designs with just a few external components. The ALT1210 is ideal for a variety of IoT applications such as trackers, wearable devices, sensors and numerous other consumer and industrial IoT devices.



"The ALT1210 chipset was designed specifically to facilitate the smooth migration from LTE Cat-1 to LTE-M/Cat-M1 networks, providing low-cost and low power LTE connectivity for a range of IoT applications," said Ilan Reingold, VP of Business Development and Marketing for Altair. "We are excited to be working with market leaders like Sony Mobile and Ericsson to demonstrate the benefits of LTE-M/Cat-M1 connectivity for the health wearables market."

Ericsson has an e2e Massive IoT network solution, supported by Massive IoT RAN SW features and IoT core network products including Evolved Packet Core (EPC).

Marie Hogan, Head of Broadband and IoT RAN, Ericsson, said: "We are committed to developing robust, global Massive IoT solutions that may be deployed on existing LTE networks enabling new capabilities and facilitating the support of new IoT use cases and applications. This concept demo using Sony Mobile's healthcare vision, the capabilities of Altair's LTE-M/Cat-M1 chipset and Ericsson's Massive IoT solution, is a great example of how low-cost and power-efficient connectivity can pave the way for a range of industrial and consumer IoT applications."

The eHealth concept and wristband will be demonstrated at Ericsson's booth: Hall 2, Stand 2O60 at Mobile World Congress from February 26 to March 1 in Barcelona. Altair will be meeting customers and partners at Altair meeting rooms in Hall 2, Stands 2B2Ex and 2B4Ex.

About Sony Mobile Communications

Sony Mobile Communications is a subsidiary of Tokyo-based Sony Corporation, a leading global innovator of audio, video, game, communications, key device and information technology products for both the consumer and professional markets. With its music, pictures, computer entertainment and online businesses, Sony is uniquely positioned to be the leading electronics and entertainment company in the world. Through its Xperia™ smartphone and tablet portfolio, as well as innovative smart products, Sony Mobile Communications delivers the best of Sony technology, premium content and services, and easy connectivity to Sony's world of networked entertainment experiences. For more information: www.sonymobile.com.

About Ericsson

Ericsson is a world leader in communications technology and services with headquarters in Stockholm, Sweden. Our organization consists of more than 100,000 experts who provide customers in 180 countries with innovative Solutions and services. Together we are building a

more connected future where anyone and any industry is empowered to reach their full potential. Net sales in 2017 were SEK 201.3 billion (USD 23.5 billion). The Ericsson stock is listed on Nasdaq Stockholm and on NASDAQ in New York

About Altair Semiconductor

Altair Semiconductor, a subsidiary of Sony Corporation, is a leading provider of LTE chipsets. Altair's portfolio covers the complete spectrum of cellular 4G market needs, from supercharged video-centric applications all the way to ultra-low power, low cost IoT and M2M. Altair has shipped millions of LTE chipsets to date, commercially deployed on the world's most advanced LTE networks including Verizon Wireless, AT&T, Softbank and KT (Korea Telecom). The company's customer roster includes some of the world's leading OEMs and ODMs, such as Hewlett-Packard, ASUS, D-Link and WNC, as well as the majority of Asian ODMs developing LTE products for global market

DENSO brings Advanced Automotive Technology R&D to Israel

New satellite R&D team accelerates innovation in automated driving and cybersecurity

KARIYA, Japan, March 28, 2018 /PRNewswire/ -- DENSO Corporation today unveiled its newest innovative satellite R&D team in Israel, accelerating advanced technologies like automated driving, cybersecurity, and AI. Starting in April, DENSO's R&D satellite will begin collaborating with local startups to pioneer new technologies.

This is the newest satellite in DENSO's global R&D network located in key regions. DENSO distributes cutting-edge R&D functions around the world and works with local universities, research institutions, startups, and various other partners to develop competitive products and technologies tailored to customers and regional characteristics. DENSO recently announced an initiative to broaden R&D capabilities outside Japan, and in 2017, started satellite R&D activities in Helsinki, Finland focusing on creating advanced technologies and services.

DENSO's satellite R&D activities in Israel build on the country's surge in innovative technologies in fields spanning cybersecurity, telecommunications, AI, sensing, and software. Israeli companies and tech startups have an established track record for successful collaboration with



companies overseas, and are expected to play a major role in global innovation across a number of fields.

DENSO will tap into Israel's technology strengths to quickly develop more competitive technologies, both internally and through collaborative research with local companies and universities. The technologies and products developed in Israel will contribute to DENSO's mission to deliver safe and sustainable mobility solutions that improve people's lives and benefit the environment.

About DENSO in North America

DENSO is a leading global automotive supplier of advanced technology, systems and components in the areas of thermal, powertrain control, electronics and information and safety. With its North American headquarters located in Southfield, Michigan, DENSO employs more than 23,000 people at 28 consolidated subsidiaries and 4 affiliates across the North American region. Of these, 25 are manufacturing facilities located in the United States, Canada and Mexico. In the United States alone, DENSO employs more than 17,000 people in Alabama, Arkansas, California, Iowa, Georgia, Kentucky, Michigan, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee and Texas. DENSO's North American consolidated sales totaled US\$9.6 billion for the fiscal year ending March 31, 2017. For more information, go to www.denso.com/us-ca/en. Connect with DENSO on Facebook at www.facebook.com/DENSOinNorthAmerica.

About DENSO Corporation

DENSO Corp., headquartered in Kariya, Aichi prefecture, Japan, is a leading global automotive supplier of advanced technology, systems and components in the areas of thermal, powertrain control, electronics and information and safety. Its customers include all the world's major carmakers. Worldwide, the company has more than 200 subsidiaries and affiliates in 38 countries and regions (including Japan) and employs more than 150,000 people. Consolidated global sales for the fiscal year ending March 31, 2017, totaled US\$40.4 billion. Last fiscal year, DENSO spent 9.0 percent of its global consolidated sales on research and development. DENSO common stock is traded on the Tokyo and Nagoya stock exchanges.



Israel blossoms into development hub for high-tech cars

Hyundai and Porsche put down R&D roots in 'Silicon Wadi'

Masanori Tobita, Nikkei Staff Writer March 20, 2018

A unique business landscape cultivated by the government is fast transforming Israel into a Silicon Valley for auto development, drawing the world's leading names in cars.

Israeli advances in automotive technology have caught the attention of multinationals like American chipmaker Intel, which bought driver assistance technology developer Mobileye for more than \$15 billion last year.

An area centered on Tel Aviv has earned the nickname "Silicon Wadi" for its concentration of tech companies. ("Wadi" is an Arabic word for a dry streambed.) The Middle Eastern country was home to over 7,800 high-tech startups in 2016, up more than 80% from 2012.

Hyundai Motor plans to establish a research and development center in Israel as early as this year. The South Korean automaker will partner with local startups to speed development of next-generation vehicles. Hyundai, together with the Korea Advanced Institute of Science and Technology, has also entered into a joint research partnership with the prestigious Technion-Israel Institute of Technology.

Volkswagen and BMW are said to be considering R&D outposts in Israel. Porsche said in 2017 that it was establishing an "innovation office" there. Israel has more startups per capita than any other country, said Lutz Meschke, deputy chairman of the German sports car maker's executive board, in a statement.

"This talent and technological know-how coupled with the great expertise offered by our employees creates the ideal breeding ground for future business models," Meschke added.

Israeli soldiers take part in a cybersecurity hackathon at the iNT Institute of Technology and Innovation in Beersheba. © Reuters

Japanese car companies also see promise in Israel. The Renault-Nissan Motor alliance has moved in with a goal of partnering with startups and streamlining R&D. Honda Motor has offered funding as well as a platform for collaboration. A Japanese automaker said it attended a Tel Aviv auto tech expo last November for the express purpose of finding promising local companies.



"It's pretty difficult to gain entry into the Silicon Valley community," a source at a Japanese corporation said. "Access is easy in Israel because they have a welcoming attitude."

Israel's strength lies in the diversity of its engineering. Every technology key to automated driving can be found in the country, said Gil Golan, director of General Motors' R&D center there. The American automaker's 300-person hub is busy developing technology for connected cars and sensors.

A tug of war has developed around top Israeli startups. Volkswagen has invested \$300 million in ride-hailing company Gett, and Ford Motor has bought SAIPS, which develops artificial intelligence for image processing. The Toyota Motor-backed Mirai Creation Fund pumped \$5 million into communications chip developer Autotalks last year.

Starting in the 1990s, the Israeli government established venture capital funds that provide startups with funding and advice from the embryonic stage. This ecosystem is supplemented by mandatory military service -- for men and women -- with an emphasis on computer training. The country has also been proved adept at transferring military technology to the private sector.

The result is a talent pool of experts in AI, cybersecurity and other technology fields. Many decide to start their own businesses rather than compete for a job at one of a limited pool of big corporations in Israel

Jordanian FM holds talks with top Japanese officials

By JT - Mar 10,2018

AMMAN — **Japanese Prime Minister Shinzo Abe** on Friday received **Foreign Minister Ayman Safadi** who delivered him a message from His Majesty King Abdullah, in which he expressed the Kingdom's pride in its deep-rooted relations with Japan and keenness to develop them at all levels.

The message also commended the growing role of Japan in enhancing security and stability in the region, the Jordan News Agency, Petra, reported.

Safadi also conveyed Prime Minister Hani Mulki's greetings to Abe, and his keenness to build on the positive outcomes of Mulki's visit to Tokyo in mid-2017.



Abe expressed his country's appreciation for His Majesty's role in achieving security, stability and promoting values of moderation in the region, as well as the Kingdom's efforts in resolving regional crises.

The Japanese premier voiced Tokyo's willingness to further develop ties with Amman and to cooperate regarding regional issues.

Safadi expressed appreciation for Abe over his country's support to the Kingdom in economic and development sectors, highlighting the importance of Japanese initiatives to enhance regional stability, especially the "corridor for peace and prosperity" initiative, which Jordan supports.

The meeting focused on regional developments, at the top of which was the Palestinian issue and challenges facing the peace process in light of the US decision recognising Jerusalem as the capital of Israel.

Abe stressed Japan's support for the two-state solution, which Safadi described as the sole solution to achieve permanent and comprehensive peace.

The latest developments in the Palestinian issue were also a top issue during Safadi's meeting with his Japanese counterpart Taro Kono, as well as ways to improve bilateral ties, the Syrian crisis, war on terrorism, as well as regional and international issues of mutual interest, Petra added.

Both ministers highlighted the importance of the developments witnessed in defence and anti-terror cooperation, referring to the "Aqaba Process" that aims at reaching more effective international coordination and cooperation in the war on terrorism within a holistic approach.

In joint press remarks with Kono, Safadi highlighted the importance of efforts to end the stalemate in the Mideast peace process and to move forward through serious negotiations to end the Palestinian-Israeli conflict according to the two-state solution that guarantees the establishment of a Palestinian state within the pre-1967 borders with East Jerusalem as its capital.

He added that the Arab League tasked the six-party ministerial delegation, headed by Jordan, to urge the international community to recognise a Palestinian state with East Jerusalem as its capital.

In this regard, Safadi said that Tokyo has a main role in reaching peace, which makes it a key country to contact and acquaint it with the Arab view.

He also commended the Japanese support for the two-state solution and for its assertion that the status of Jerusalem is a final status issue that has to be determined through direct negotiations, according to relevant UN resolutions.

For his part, Kono said that Jordan is an important partner for Japan and a key player for efforts to reach stability in the Middle East.

Safadi invited Kono to participate in an international conference that the Kingdom, in cooperation with Egypt and Sweden, will hold on Thursday in Rome to gather support for UNRWA.



April

Abe to visit UAE, Jordan, Israel, Palestine from Sunday

TOKYO

Prime Minister Shinzo Abe will visit the United Arab Emirates, Jordan, Israel and Palestine on a five-day Middle East tour from Sunday, according to the Japanese government.

It has been roughly five years since Abe visited the UAE and three years since he visited the other destinations, Chief Cabinet Secretary Yoshihide Suga told a press conference on Friday.

In the UAE on Monday, Abe will hold talks with Abu Dhabi Crown Prince Sheikh Mohammed bin Zayed Al Nahyan and take part in an economic forum, according to Japanese officials.

Moving to Jordan, he is set to meet Prime Minister Hani Mulki and King Abdullah II on Tuesday to discuss the Middle East peace process and counterterrorism.

He will hold talks with Palestinian President Mahmoud Abbas on Tuesday evening before meeting Israeli Prime Minister Benjamin Netanyahu the following day, the officials said.

"With the Middle East peace issue facing difficult circumstances in Israel and Palestine, Japan will promote positive relations between both parties and show our active involvement in seeking a resolution," Suga said.

Separately, Foreign Minister Taro Kono said he will make a four-day visit from Friday to Jordan to participate in meetings about the Middle East peace process and other regional issues.

Kono said he will take part in talks on the "Corridor for Peace and Prosperity," established in 2006, alongside Jordanian, Israeli and Palestinian officials.

While in Jordan, Kono will also meet King Abdullah, with whom he will co-chair an "Aqaba Process" meeting on tackling terrorism and violent extremism.

© KYODO



Japan, Israel to set up cyber talks framework

4:36 pm, April 29, 2018

The Yomiuri Shimbun

The Japanese and Israeli governments have decided to establish a framework for working-level talks between their foreign and defense authorities, it has been learned, in a bid to deepen bilateral security cooperation and strengthen coordination in cybertechnology, which Israel excels at.

Prime Minister Shinzo Abe is expected to reach an agreement on the matter in a meeting Wednesday with Israeli Prime Minister Benjamin Netanyahu. Abe departed Tokyo on Sunday for his Middle East trip.

Following the two leaders' agreement, Japan and Israel are expected to hold the first meeting of the framework as early as this year, the sources said.

In their upcoming meeting, Abe and Netanyahu are also poised to confirm close cooperation between the National Security Council's secretariat and Israel's National Security Council.

Tokyo hopes to tap into Israel's cybertechnology expertise, which is said to be world-leading, to improve its own cyberdefense capability. The two governments started cooperation in the fields in 2014.

In addition to Israel, Abe is scheduled to visit the United Arab Emirates, Jordan and Palestine on his Middle East trip.

In the UAE, the prime minister is expected to express appreciation for the extension of a Japanese company's oil concessions off Abu Dhabi. In Jordan, he is set to confirm coordination with the Hashemite kingdom in such areas as measures against extremism.

The prime minister is also poised to urge the Palestinian Authority to seek peace through dialogue.



Jordan, Israel, Palestinians in rare Japan-hosted meeting

April 30, 2018

Japanese foreign minister presides over a rare meeting of Israeli, Palestinian and Jordanian officials to push ahead with West Bank agro-industrial park meant to enhance cross-border trade

AMMAN, Jordan (AP) — The Japanese foreign minister has presided over a rare meeting of Israeli, Palestinian and Jordanian officials to push ahead with an agro-industrial park intended to enhance cross-border trade and cooperation.

Taro Kono, the Japanese minister, acknowledged late Sunday that it "has not been easy for the four parties to get together under current circumstances."

Israel and Jordan only recently patched up relations after a months-long diplomatic crisis. Officials from Israel and the Palestinian self-rule government in the West Bank meet only intermittently because of ongoing deadlock in peace efforts.

Sunday's meeting focused on the Japan-backed Jericho Agro-Industrial Park in the West Bank, near an Israeli-controlled border with Jordan. Twelve companies operate at the park, launched more than a decade ago. Kono says he hopes more will join, including Japanese firms.



Facial profiling helped Donald Trump trip up Xi Jinping

Now specialists and new technologies have their gaze on Kim Jong Un

TAKAYUKI TANAKA, Nikkei deputy editor April 25, 2018 14:30 JST



This picture issued by North Korea's Korean Central News Agency on April 20 could give facial profilers clues to Kim Jong Un's personality, mental state and health. © Reuters

TOKYO -- In diplomacy, leaders often speak more eloquently with their faces than with the words they exchange.

At least they do to trained specialists in Japan, Europe and the U.S., who receive little attention but provide information that is increasingly underpinning diplomatic strategies.

Consider the way facial expression experts a little more than a year ago described the characteristics of Chinese President Xi Jinping: "Extremely cautious." "Well-prepared and hence makes few mistakes." "Susceptible to surprises that go beyond his expectations."

This summary was provided by Japanese and U.S. sources who have been involved in negotiations with China. They said these judgments were included in an analysis that an intelligence agency delivered to the White House before Donald Trump hosted Xi in the southern U.S. state of Florida last April.

During a dinner party, Trump [abruptly told Xi](#) that he had just ordered an air strike in Syria. Xi, who was eating cake at the time, appeared too surprised to react for a moment, then said, "It [the



strike] couldn't be helped because the target was barbaric enough to launch gas attacks on children."

Xi's statement contradicted his country's long-standing non-interference policy and represented a win for Trump and U.S. intelligence agencies.



Donald Trump waited until Xi Jinping was eating cake before informing the Chinese president that he had just ordered an air strike in Syria. © Reuters

Among American and Israeli intelligence officers, the task of analyzing "tells" given away by the eyes, brows, lips and cheeks is called facial profiling.

In the U.S., the Central Intelligence Agency and other services collect images of global leaders from news reports and other sources. Officers with psychology, medical and other backgrounds then scrutinize the images to gauge personality traits, mental states and health conditions.

Facial profiling is at least as old as the Cold War, which goes back to the 1950s. Japan did not begin to study faces until earlier this decade, led by the Ministry of Foreign Affairs.

Ahead of meetings with leaders of major economies, the ministry commissions two to three external specialists to submit comprehensive analyses based on facial expressions and other cues.

"The personality analysis has," a senior ministry official said, "helped Prime Minister Shinzo Abe build a [good relationship with Trump](#)."

The technology is also being employed for [security purposes](#).

Faception, a facial personality analytics startup based in Israel, said its software does detailed analyses of the facial characteristics of individuals captured by video and still photography. The predicted personality traits are used to identify individuals who could present a threat to public safety.

According to Israeli media reports, Faception, which was launched in 2014, has contracts with the U.S. Department of Homeland Security as well as similar agencies in other countries.

Profiling technologies are not without controversy. Critics say that relying on face- and body-reading technology in legal cases could lead to wrongful convictions.

This tech is not the sole domain of governments. The private sector is expected to adopt it in a big way to help corporate leaders better prepare for important negotiations.

And as big data, machine learning and artificial intelligence take off, the precision of profiling technology will likely increase.

In diplomacy, the technology remains one tool in a leader's arsenal, one that a leader has to decide how or even whether to use.

There could be times when leaders decide to ignore profiling analyses, perhaps if reports go against their own judgments and thinking.

One recent anecdote captures this dynamic. It involves Donald Trump.

In late March, Trump made a bitterly sarcastic comment about an expression he says he has seen on the face of his Japanese counterpart.

"I'll talk to Prime Minister Abe of Japan and others -- great guy, friend of mine -- and there'll be a little smile on their face," Trump said.

"And the smile is, 'I can't believe we've been able to take advantage of the United States for so long.'"

Trump, who has been sniping at Japan for trade concessions, was apparently letting his frustration show with Japan's reluctance to make any.

Experts say U.S. intelligence agencies' facial analyses of Abe show that the prime minister has maintained a consistent expression all along.

According to a former high-level government official in Israel, when leaders become stuck on an idea, sometimes information, no matter how good it might be, cannot sway their thinking.

Next up for the facial-profiling craft -- North Korean leader Kim Jong Un, who meets his South Korean counterpart later this week and Trump in early June. Both occasions will be historic, and Kim can expect specialists from around the world to be scrutinizing his every microexpression.

HAREL-HERTZ (HIH) is the strategic consultant and Investment Banker of Faception

Keshet signs pact with Japanese broadcaster YTV

Israel-backed Keshet International has inked a deal with Yomiuri Telecasting Corporation (YTV) in Japan to co-develop non-scripted content, with the ambition of creating international formats.

The agreement covers the development of at least one non-scripted title, to be developed this year, with the potential to extend the agreement to develop further formats. The companies will jointly own the format created, which will pilot on YTV within six months of completion. The deal strengthens KI's presence in the Asian market.

Gary Pudney (left), head of Asia, Keshet International said: "We hope that this new agreement signifies the first of many to come in the region, and the start of a long and mutually beneficial relationship, as we continue our commitment to expand our presence in Asia."

Akito Sasagawa, international sales manager, YTV added: "We are excited to develop non-scripted content with Keshet International. By uniting our expertise and creativity, we are confident that we will develop unique and appealing non-scripted formats."

YTV is a privately-owned broadcaster serving the Kansai region of Japan. It is well known for animation, but also produces a range of programming such as news, sports, documentaries, dramas, and variety shows that are broadcast both on YTV's network channel and via its affiliated network including Nippon Television.



SoftBank Backs Sports Analytics Company PlaySight

Israel-based PlaySight develops technology that employs multi-angle video and proprietary analytics to improve on-court performance

CTech 25.04.18

SoftBank Ventures, the early stage investment arm of SoftBank Corporation, has joined the extended C Series of sports technology company PlaySight Interactive Ltd., the company announced Wednesday. Together with new investor CE Ventures, an Israel-based venture fund backed by Chinese peer-to-peer lending company CreditEase, SoftBank's investment ups the round to \$21 million.

PlaySight develops smart-court technology that enables players and coaches to employ multi-angle video and proprietary analytics to improve on-court performance. Multiple HD cameras installed around the court automatically record, analyze and stream player activity. The company's system can also integrate with sensors worn by the players, the scoreboard, and any other system used on the court. Based on the data, PlaySight's technology creates automatic replays and data-based analysis and evaluation tools, and its cloud platform allows users to review, edit and share both the recorded video and the data.

The company offers its services across 25 sports, including tennis, basketball, soccer, football, and volleyball. Its technology is used by the Golden State Warriors, the United States Tennis Association, over 50 NCAA (U.S. National Collegiate Athletic Association) tennis programs, and the 2017 NCAA Champion North Carolina Tar Heels.

PlaySight was founded in 2010 by Chen Shachar, Evgeni Khazanov, Yoram Bentzur and Eyal Schneider. The company is based in Kfar Saba, in central Israel, and employs 90 people.

"It is only a matter of time before all competitive sports will adopt video and connectivity solutions in their courts and arenas, and PlaySight offers the highest performance solution and innovative business models to suit customers of all types," said Jay Choi, senior associate at SoftBank Ventures, in a statement



Asgent Announces Start of Sales for "Upstream", SOC Solution to Monitor and Analyze Connected Car Vehicle Security

April 12, 2018

Asgent, Inc. (JASDAQ: 4288)

Asgent, Inc. (JASDAQ: 4288, President & CEO: Takahiro Sugimoto, located in Chuo-ku, Tokyo), a pioneer in network security and operations management solutions, announces the signing of a distributor contract with Upstream Security Ltd. (CEO & Co-Founder: Yoav Levy, located in Israel), and the start of sales of the SOC (Security Operation Center) solution "Upstream", to analyze various connected car data and alert when an anomaly occurs. With this, Asgent has a lineup of SOC solutions for connected cars, including (1) ECU security, (2) CAN Bus authentication security, and (3) smart key security to operate connected cars from a smartphone.

Many companies, including automotive makers (OEMs) are developing connected cars. There is increased interest in OEM and Tier1 (primary component suppliers) regarding SOC operations to monitor security on cars sold, in conjunction with the move to connected cars. Connected car SOC's differ from traditional SOC's in that they need to be able to respond to protocols used in connected car environments that may be used in attacks on the communication server. It is not realistic to use traditional SIEMs to perform correlative relational analysis on communication and application servers, learn user/vehicle behavior (including the ratio of divergence with normal use state) in connected cars, or handle those protocols.

Also, car sharing companies, which are gaining a lot of attention lately, along with rental car companies and transportation companies are using the OBD II (vehicle self-diagnosis function) port to connect with external entities, and are providing smartphone apps to users over the web. In the US and other countries, security incidents related to current connected cars are occurring, and concern is increasing in Japan as well.

[Upstream monitors vehicle security centrally]

Upstream is a security solution for connected cars to alert the SOC whenever an anomaly occurs in the vehicle. Various data sent from the vehicle to the server is collected and analyzed using AI. By normalizing this data, it is possible to alert the SOC operator



immediately when an abnormal situation is detected in the vehicle. By doing so, the SOC operator can determine which vehicle out of many is having the anomaly, and take action.

Also, because Upstream is a SaaS service that doesn't require installation on the vehicle, it is possible to handle connected cars already on the road and those that will expand on the OEM level on the millions to tens of millions range.

Upstream has the following four security and analysis functionalities.

- Protocol Security

Examines messages being passed between the vehicle and the telematics server. Validates protocol structure and determines if permitted commands are being transmitted.

- Transaction Analysis

Analyzes communication patterns between the vehicle and server, and checks if any communication outside normal patterns is occurring, such as sudden massive communication bursts.

- Context Security

Manages commands permitted to the vehicle (such as opening a door) depending on vehicle operation (if the vehicle is in motion or the engine is on) and detects contradictory GPS data (such as the vehicle being in two places at the same time).

- Behavior Detection

Analyzes the vehicle and driver's behavior patterns to determine if there is any anomaly.

[Integration with Karamba Carwall, SafeCAN]

By analyzing the logs from Karamba's Carwall (ECU security) and SafeCAN (CAN Bus authentication security), that have won multiple connected car related awards, in real-time and integrating them with Upstream, it is possible to construct a more advanced security ecosystem for connected cars and the SOC.

By using Upstream, it is possible to manage a security ecosystem and provide services with driver and vehicle safety in mind with a connected car SOC.

Upstream sales will begin in May 2018, and the sales price is 10 Million Yen/1000

Vehicles/Year (tax excluded, additional initial installation fee necessary), and initial year sales projection is 200 Million Yen.

Komatsu to enter Israel

Globes 30/04/2018

Komatsu signed an agreement with N. Feldman for construction of a NIS 30 million logistics center in Israel.

N. Feldman & Son, a subsidiary of Tiferet Group Holdings, will be the sole representative in Israel of Japanese mechanical engineering equipment manufacturer Komatsu. The cooperation agreement between the two companies was signed yesterday during a professional exhibition in Paris. Signatories on the agreement included N. Feldman CEO Avi Levinson, Tiferet Group CEO Ran Gants, and senior representatives of Komatsu in Europe.

Under the agreement, Komatsu and N. Feldman will build a logistics center in Israel within two years at an investment of NIS 30 million. The center will have 20 employees. It is still unclear where the center will be built. "The signing of the agreement with the Komatsu concern will greatly expand N. Feldman's activity in Israel," Gants said today.

The Japanese concern specializes in production and marketing of mechanical engineering equipment, industrial production line machinery, and military equipment. The company is headquartered in Tokyo, and its business turnover over the past year totaled nearly \$18 billion. Komatsu has over 180 subsidiaries.

Tiferet Group acquired N. Feldman two and a half years ago, among other things because of a projected shortage of mechanical engineering equipment for a series of anticipated infrastructure projects around Israel. The group announced its intention of importing advanced innovative mechanical engineering equipment to Israel under its cooperation agreement with the Japanese concern. "The entry of a concern like Komatsu into Israel will bring innovation to the sector and expose it to technological innovations, while giving the industry a substantial boost," Levinson said. Tiferet Group estimates the mechanical engineering equipment market in Israel over the past year at NIS 1.7 billion.

Tiferet Group also holds a franchise to import leading brands of agricultural equipment to Israel such as mechanical engineering equipment and spare parts for trucks, tractors, and vehicles. N. Feldman recently signed a representation agreement in Israel with a Chinese concern, in which it plans to import equipment for the construction industry to Israel.



May

Japan-Israel Summit Meeting

Ministry for Foreign Affairs - Japan

On May 2nd, commencing at 12:05 p.m. for approximately 130 minutes, Mr. Shinzo Abe, Prime Minister of Japan, during his visit to Israel, held a summit meeting with H.E. Mr. Benjamin Netanyahu, Prime Minister of the State of Israel. The overview of the meeting is as follows.

1 Summit Meeting

(1) Opening Remarks

Prime Minister Netanyahu stated that he welcomed Prime Minister Abe's visit, appreciated the recent progress made in bilateral relations, and expressed his expectations for their further strengthening and expansion.

In response, Prime Minister Abe stated that, he was glad to visit Israel three years after his previous visit and to meet Prime Minister Netanyahu again, and that he was most pleased that Japan-Israel relations has developed at an exponential level in comparison to the time when the second Abe Administration started. Advancements in the economic area were most remarkable. For instance, investment from Japan to Israel increased by approximately 120 times, and the number of Japanese businesses in Israel increased almost three-fold.

Prime Minister Abe stated that with this visit as a basis, he wishes to further accelerate the overall strengthening of bilateral relations together with Prime Minister Netanyahu, in fields including economy, political affairs and national security.

(2) Bilateral Relations

On bilateral relations, the two leaders acknowledged that both countries face difficult security challenges, and while welcoming the development of economic relations, confirmed that the two countries in the future will deepen strategic cooperation in fields including political affairs and national security. From this perspective, the two



leaders shared the view that the two countries will newly establish a joint foreign and defense consultation between both countries.

Prime Minister Abe stated that he appreciated Israel's national efforts aimed at dealing with rapidly evolving cyber threats, and the two leaders confirmed that the two countries will strengthen cooperation in cyberspace. The two leaders agreed that Japan will send government officials to visit Israel's cyber-security complex in Beer Sheva, Israel.

Prime Minister Abe stated that science and technology, which form the basis of cyber capabilities and innovation, are areas of strength for both Japan and Israel, and wished to see progress made in cooperation in various fields of research and development, to which Prime Minister Netanyahu agreed.

Further, Prime Minister Abe mentioned that the "Japan Israel Innovation Network (JIIN)" was launched last year, and stated that programs such as the sending of young entrepreneurs, holding of seminars and matching events in areas including cyber, innovation and biotechnology are being planned to take place. In response, Prime Minister Netanyahu appreciated such efforts and stance by Japan, and stated that combining Japan's technology and Israel's innovation will open up wider possibilities, and wished to deepen cooperation in various areas.

(3) Middle East Peace Process

On the Middle East Peace Process, Prime Minister Abe stated that Japan supported a two-state solution, that direct dialogue between the parties as well as the involvement of the United States are essential to the realization of peace, that Israel's constructive engagement is also important, and requested restraint on settlement activities.

Further, the two leaders discussed the "Corridor for Peace and Prosperity" initiative, and Prime Minister Abe welcomed the joint-decision on the construction of an access-road from the Jericho Agro-Industrial Park (JAIP) to the border with Jordan reached at the Ministerial-Level Meeting of the Four-Party Consultative Unit on April 29th, 2018, and requested the continued cooperation of Israel toward the early start of construction.



In response, Prime Minister Netanyahu welcomed Japan's commitment to the "Corridor for Peace and Prosperity" initiative, and stated that Israel will strengthen its own efforts toward the initiative, as well as mentioned the importance of dialogue between the parties for making progress in the Peace Process.

(4) North Korea

On the issue of North Korea, Prime Minister Abe explained Japan's positions, that the international community needs to examine closely North Korea's concrete actions and that the international community must not make errors on the timing of easing sanctions learning from lessons of the past. Furthermore, he stated that a nuclear-armed North Korea cannot be accepted, that maximum pressure must be maintained in order to achieve complete, verifiable, and irreversible dismantlement (CVID) of weapons of mass destruction (WMDs) and ballistic missiles and that the Middle East should not become a loop hole in sanctions. Finally he said that Japan will cooperate with Israel and will continue to call upon other nations to reconsider their relations with North Korea and to strengthen measures against attempts to bypass sanctions, and that Japan requests the understanding and cooperation of Israel toward the early resolution of the abduction issue.

In response, Prime Minister Netanyahu stated that Israel completely supports the position of Japan.

2 Expanded Summit Meeting

Following the above, an expanded summit meeting with the participation of representatives of major Japanese companies was held.

At the beginning, Prime Minister Abe stated that the economic relations of the two countries was developing at an exponential level. Compared to the time the second Abe Administration started, the number of Japanese companies in Israel increased almost three-fold from 25 to 70, and Japanese investment in Israel increased from 1.1 billion yen to 130 billion yen, a 120-times increase. The bilateral Investment Agreement has entered into force, and further expansion of relations was to be expected.

Further, he noted that in the summit meeting held earlier, he shared the view with the Israeli side on intentions to expand relations among private companies and mutual exchange of business persons through programs under the Japan-Israel Innovation Network (JIIN), a joint Government-Business platform, among others.



On the Red Sea Dead Sea Project, he noted that the project contributes to remedying shortages of water as well as confidence building in the region, and that Japanese companies were showing interest in the project, and that he looked forward to the smooth progress of the project.

Finally, he noted that high ranking representatives of Japanese companies with in-depth relations with Israel had accompanied him in his visit, and expressed his hope that these companies will become the flagbearers of expanded relations between Japan and Israel in the future.

In response, Prime Minister Netanyahu expressed his expectations for strengthened economic relationship between the two countries.

The representatives of the Japanese companies participating in the meeting also made statements, and Prime Minister Netanyahu introduced Israeli companies and mentioned the possibilities for collaboration between such Israeli companies and Japanese companies.

Prime Minister Abe also stated that he hoped that the Japanese companies which visited Israel in this trip will expand investment and projects in Israel and form a foundation for strengthening the bilateral relationship between Japan and Israel.

Canon Inc.: Canon Inc. to acquire BriefCam Ltd.

TOKYO, May 9, 2018-Canon Inc. ('Canon'; Headquarters: Tokyo, Japan; Chairman and CEO: Fujio Mitarai) announced today that it has concluded a stock purchase agreement with BriefCam Ltd. ('BriefCam'; Headquarters: Modi'in-Maccabim-Re'ut, Israel; President and CEO: Trevor Matz), to acquire BriefCam. BriefCam develops and markets video content analysis (VCA) software that utilizes proprietary Video Synopsis® technology. This transaction is conditional upon the clearance of necessary competition regulatory authorities.

Under Phase V of its Excellent Global Corporation Plan, a five-year initiative launched in 2016, Canon aims to embrace the challenge of new growth through a grand strategic transformation that entails reinforcing existing businesses as well as strengthening and expanding new businesses. As part of this, Canon has designated its network video solutions business, with network cameras at its core, as a new business that will drive future growth.

By welcoming leading VCA software company BriefCam into the Canon Group, Canon will have expanded its capacity to provide an even broader range of leading-edge technology and solutions in the fields of network cameras, video management software and video content analysis

software. Going forward, Canon will continue to strengthen its network video solutions business with the aim of becoming the global industry leader.

Following this acquisition, BriefCam will continue to operate under the leadership of its current management structure and continue to provide its software to the market through its own sales channels.

Overview of BriefCam Ltd.

1) Company name: BriefCam Ltd.2) Representative: Trevor Matz (President and CEO)3) Location: Modi'in-Maccabim-Re'ut, Israel4) Established: 20075) Scope of business: Development and sales of VCA software6) Stock exchange listing: Unlisted7)

About BriefCam's Video Synopsis® technology

BriefCam was founded in 2007 by Prof. Shmuel Peleg, Mr. Gideon Ben-Zvi and Dr. Yaron Caspi, based on the Video Synopsis technology developed at The Hebrew University of Jerusalem. Using BriefCam's Video Synopsis technology, video investigators can review hours of video in minutes and rapidly pinpoint people and objects of interest. Users can search through the synopsisized video using such filters as object size, speed, direction and color, facilitating instant access to the images they wish to review. BriefCam's technology is already in use in over 40 countries and regions in law enforcement and public safety organizations, government and transportation agencies, major enterprises, healthcare and educational institutions, and local communities.



Israeli Endoscopy Startup 3NT Medical Announces Initial Closing of \$15M to Include Key Strategic Investor

3NT Medical has developed a single-use drivable endoscope, enabling minimally invasive access, visualization and treatment of the farthest reaches of the nasal anatomy

ROSH HA'AYIN, Israel, May 8, 2018 /PRNewswire/ --

[3NT Medical](#) (3NT) announced today the initial closing of a major portion of its \$15 million financing round from Hoya Corporation. The funds will be used to complete 3NT's family of speciality single-use endoscopes and therapeutic devices and initiate commercialization of the Sinusway™ platform in the U.S. and Europe, advancing care of ear, nose and throat (ENT) disorders.

The financing round is led by [HOYA Corporation](#) ("HOYA") and is its first venture investment in an Israeli company. HOYA joins current investors LongTec China Ventures and an elite group of angel investors, medical device industry veterans and ENT practitioners in their support of the company.

"We are honored to have HOYA join our team of investors. their investment is a strong validation of the team's efforts to establish single-use endoscopy platforms as the next standard of care in ENT", said **Ehud Bendory, 3NT Chief Executive Officer**.

"HOYA's investment in 3NT continues our commitment to partner with innovative medical device companies that align with our core strategic areas of interest", added **Augustine Yee, Chief Legal Officer and Global Head of Corporate Development at HOYA**. "We are excited about 3NT's disruptive visualization technologies, and the benefits their devices will bring to ENT surgeons and their patients."



About 3NT Medical

3NT Medical is a privately held medical device company based in Israel, devoted to pushing the boundaries of endoscopy for ENT surgeons. 3NT is the developer of Sinusway™ Drivable Endoscope, which enables minimally invasive access, visualization and treatment of the farthest reaches of the nasal anatomy; transforming diagnosis and treatment of nasal disorders across all settings of care. More information is available at <http://www.3NTmedical.com>.

About HOYA

Founded in 1941 in Tokyo, Japan, HOYA is a global med-tech company and the leading supplier of innovative high-tech and medical products. HOYA is active in the fields of healthcare and information technology, providing eyeglasses, medical endoscopes, intraocular lenses and optical lenses as well as key components for semiconductor devices, LCD panels and HDDs. With over 150 offices and subsidiaries worldwide, HOYA currently employs a multinational workforce of over 36,000 people.

MegaChips Makes Strategic Investment in Sckipio

Complementary Partnership Helps Speed up Gfast Access to the Global Market

SAN JOSE, Calif., May 8, 2018 /PRNewswire/ -- [MegaChips](#) Corporation, a global semiconductor company specializing in ASICs and Application Specific Standard Products (ASSPs), today announced it is the lead investor in a \$10 million round in Israeli company Sckipio, a leader in Gfast products. MegaChips' strategic investment underscores the complementary partnership and will accelerate Gfast penetration globally, particularly in Japan. Intel Capital, Pitango Venture Partners, Genesis Partners, Gemini Israel Ventures, Amity Ventures, Aviv Ventures, CIRTech Fund and Axess Ventures also invested in the \$10 million round.

The investment expands on MegaChips' and Sckipio's existing six-year relationship, and MegaChips and Sckipio will cooperate in developing new solutions for new markets.



"Demand for Gfast products is ramping up quickly as consumers and businesses desire affordable, ultra-high-speed broadband solutions, and our partnership with Sckipio helps us drive these solutions to market quickly," said Akira Takata, MegaChips president and CEO. "This joint effort underscores our commitment to help enhance our customers' competitiveness and strengthens our mission in seeking to further expand our business and sustainable growth."

"Today's announcement represents an important and exciting step in our efforts to optimize our Gfast solution," said David Baum, CEO and co-founder at Sckipio. "Our joint partnership with MegaChips allows us to collaborate on our respective areas of expertise and helps us build on our recent momentum as we further position ourselves as a global leader in the quickly growing Gfast space. MegaChips' investment is a testament to the strength of our brand and the tremendous global opportunity ahead, including access to the Japanese market."

About MegaChips Corporation

MegaChips Corporation (1st section of the TSE (Tokyo Stock Exchange): 6875) was established in 1990 as the first innovative fabless semiconductor company in Japan. MegaChips exploits expertise in analog, digital and MEMS technology and globally provides LSIs and solutions that are crucial for advancing technology innovation.

About Sckipio

[Sckipio](#), the leader in Gfast, develops award-winning, standards-compliant Gfast modems used to enable ultra-broadband access and mobile backhaul. Sckipio partners with more than 30 companies globally on Gfast and is one of the leading contributors to the ITU-T standard.



Sarine's Artificial Intelligence Based 4Cs Diamond Grading Reports Adopted by Japan's K-Uno

The innovative K-Uno brand is the world's first jewellery retailer to adopt Sarine's technology-based 4Cs grading report

May 1, 2018 5:00 AM By Rapaport News

Sarine Technologies has announced that the leading Japanese jewellery company K-Uno is the first retailer in the world to adopt the new Sarine 4Cs diamond report – the world's first artificial-intelligence based, technology driven automated grading report.

K-Uno, a leader in Japan's jewellery retail market, is known for its innovation. The introduction of Sarine's 4Cs grading reports in the K-Uno chain was announced last week at the company's flagship store in the Ginza, Tokyo (<http://news.nicovideo.jp/watch/nw3445225?amp=html>), and is currently being rolled out to all K-Uno stores across the country. K-Uno mentioned that the primary advantages of the Sarine report are its improved accuracy of grading, compared to manual grading labs, and the ability to view the grading reports in an interactive way on mobile phones and other devices.

The Sarine Profile 4Cs Report adds 4Cs gradings to the other parameters already included in the Sarine Profile report, such as light performance, hearts and arrows, and other diamond visualisations and information. The key advantage of the Sarine 4Cs report compared to any other lab is the fact that Clarity and Color are both graded with the very latest artificial intelligence based technologies, using Sarine's ground-breaking automated Sarine Clarity and Sarine Color grading systems.

Sarine CEO David Block stated, "In addition to delivering the most reliable, advanced AI-based diamond grading, our 4Cs report also creates an intuitive digital experience that will help engage K-Uno customers throughout the diamond purchase journey. We are delighted to be strengthening our collaboration with K-Uno, and to bring the world's leading AI-driven technology to the in-store diamond jewellery experience. We expect additional retailers in the Asia Pacific region to soon be adopting the new Sarine Profile 4Cs reports."



Fujitsu Bolsters Global Managed Security Service for Comprehensive Defense against Diversifying Cyberattacks

JCN Newswire
2018-05-09

TOKYO, May 9, 2018 - (JCN Newswire) - Fujitsu today announced that it is expanding its **Fujitsu Security Solution Global Managed Security Service**, which provides centralized lifecycle support, from cyberattack prediction to system restoration. The company is strengthening endpoint(1) and cloud security, and will provide analyses of threat information from the dark web(2).

Fujitsu is offering in Japan from May "**Fujitsu Security Solution Cybereason EDR Service**," which offers a total package of deployment, operations, and maintenance for Cybereason EDR(3), software that can detect cyberattacks by unknown sources on endpoints using machine learning.

In the cloud domain, Fujitsu will offer a service to customers that use Microsoft 365 E5(4) whereby the company operates on their behalf accompanying integrated security services(5) that defend from, detect, and respond to cyberattacks, and Fujitsu will also offer a service that provides customers individualized reports detailing dark web and deep web(6) threats. Both services are planned to be steadily rolled out in Japan from August 2018.

In addition to these three services, Fujitsu is offering in Japan from May "Fujitsu Security Solution Global Managed Security Service Express," which expedites deployment by offering a package of only the required parts of the existing Global Managed Security Service.

Going forward, Fujitsu will support the business continuity of customers by continually enhancing its Global Managed Security Service using cutting-edge security technology, contributing to the creation of a comfortable and secure networked society.

These new services will be exhibited at Fujitsu Forum 2018, which will be held May 17-18 at Tokyo International Forum in Tokyo.

Background



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In recent years, changes to the ways people work and the rise of cloud utilization have altered the ways ICT is used. It is also becoming difficult to deal with the entire range of increasingly diverse and sophisticated cyberattacks with just existing countermeasures, such as anti-virus products and firewalls. Under the Cybersecurity Management Guidelines 2.0, revised by the Ministry of the Economy, Trade and Industry (METI) and the Information-technology Promotion Agency, Japan (IPA) in November 2017, companies are asked not only to defend against cyberattacks, but to embrace wide-ranging countermeasures, from attack detection to recovery.

In light of this situation, Fujitsu is expanding its Global Managed Security Service, providing from May operations and maintenance for Cybereason EDR, which can detect previously unknown malware attacks in endpoints, and is also enhancing its security countermeasures, by rolling out a managed operations service for the integrated security services that accompany the cloud service Microsoft 365 E5 and a service that provides individualized reports to customers on threat information from the dark web.

About the Enhancements

1. An all-around service that performs deployment to operations of Cybereason EDR

Security countermeasures for endpoints, such as PCs, have mainly consisted of using antivirus products that block intrusion by existing malware, but in recent years, there has been a dramatic increase in the number of attacks by unknown malware that could not be blocked by these products, so post-intrusion malware countermeasures have become indispensable. Starting in May 2018, Fujitsu will offer a service using Cybereason Japan Corp.'s Cybereason EDR, which can detect cyberattacks that could not be blocked by antivirus products, in which Fujitsu's security engineers will comprehensively perform tasks like monitoring and operations. Because Cybereason EDR uses machine learning to recognize patterns of activity in a device that has been attacked, and analyzes movements unique to attackers, it can even detect attacks by unknown malware. With this service, Fujitsu's security engineers will analyze alerts detected by Cybereason EDR, identify infected devices, stop inappropriate processes, and suggest recommended countermeasures, 24 hours a day, 365 days a year. This will reduce the burden of security operations for customers in endpoints such as PCs.

2. Enable use of safe and secure Microsoft 365 E5 environment



Microsoft 365 E5, an integrated solution from Microsoft Corporation combining Office 365, Windows 10, and Enterprise Mobility + Security, offers cybersecurity countermeasure functions in a uniform manner across multiple services, namely, ID, e-mail, SaaS and endpoint. Running operations for those services not only requires high security skills, it also requires a 24-hour-per-day, 365-day-per-year monitoring system and rapid responses to intrusions such as malware. Fujitsu has accumulated a broad range of experience by developing proprietary tools to detect warning signs of an attack in Active Directory, which is an important component in managing user information in Microsoft products, and used those tools in countermeasures for targeted cyberattacks. Building on this experience, Fujitsu will steadily roll out from September of 2018 a service in which its security engineers will handle everything from the operation of the integrated security services included in Microsoft 365 E5, to 24/7/365 monitoring of customer environments, to the response after a cyberattack is detected.

3. Collaboration with **IntSights** for technology capable of collecting dark web threat information

In order to be prepared for advanced cyberattacks, it is important to plan countermeasures in advance with an understanding of the attacker's motives, goals, characteristics, and methods, but the judgment of a security expert with specialized knowledge is indispensable in extracting information relating to one's own company from voluminous and wide-ranging attacker information. Fujitsu has agreed to collaborate with IntSights Cyber Intelligence Ltd., which offers a service that can collect threat information from the places that attackers use to share information, such as the dark web, which are difficult for ordinary people to access. Scheduled for August 2018, Fujitsu is set to offer a service to extract and analyze threat information for specific customers from the massive amounts of information flowing through the dark web and deep web.

4. Global Managed Security Service Express, cuts time for deployment to one third

Based on the insights and experience gained from providing the Global Managed Security Service to customers across a variety of industries, handling monitoring and operations, Fujitsu is now launching Global Managed Security Service Express, which can reduce deployment time from the previous three months to just one month by systematizing and offering only the most essential services in the Global Managed Security Service, such as 24-hour-per-day, 365-day-per-year real-time log monitoring.

Sales Target

300 billion yen in annual sales of security-related products and services globally in fiscal 2019.

Endorsements

Comment by Lior Div, CEO, Cybereason Inc. and Director, Cybereason Japan Corp.

Cybereason Inc. warmly welcomes the launch of Fujitsu's Global Managed Security Service using Cybereason EDR. As threats become more advanced and sophisticated, day by day, and as it is becoming impossible to block 100% of security threats, the question of how to implement countermeasures and operations that prioritize defense, assuming an intrusion will occur, has become an important element of business continuity. By combining the Global Managed Security Service offered by Fujitsu with Cybereason's technology, based on a machine learning engine (AI) and experience developed in Israel's military intelligence corps (Unit 8200), I firmly believe that customers will be able to detect and visualize the signs of a cyberattack in real time, gaining an environment that can prevent advanced cyberattacks, including targeted attacks. Going forward, Cybereason Inc. will work with Fujitsu to provide optimal cybersecurity for customer environments, first in Japan, as well as APAC and EMEA, with an eye toward expansion around the globe.

Comment by Yoshinami Takahashi, Managing Executive Officer, Microsoft Japan

Microsoft Japan sincerely welcomes the enhancements to Fujitsu's Global Managed Security Service utilizing Microsoft 365 E5. To help customers realize their future business growth strategies by digital transformation, Microsoft and Fujitsu are partnering tightly in key initiatives including work-style transformation, AI, and cyber security. By combining Fujitsu's Global Managed Security Services, the Intelligent Security Graph and Microsoft 365 E5, customers will be able to effectively eliminate the risk of targeted cyberattacks in real time and realize the safe and secure customer experiences for the cloud services. The Intelligent Security Graph is the big data from over one billion Windows devices, 450 billion user authentications per month and 400 billion email messages per month. Microsoft 365 E5 is powered by AI services for comprehensive cyber security protection, detection to response. Moving forward, Microsoft Japan and Fujitsu will continue to collaborate to support the digital transformation of customers.

Comment by Guy Nizan, CEO, IntSights Cyber Intelligence Ltd.

Tailored threat intelligence, including 'indicators of attack' and adversary motive and means, analyzed alongside internal IOCs, community, and open source threat feeds, provides customers

a highly customized and comprehensive picture of the risks threatening their business and brand. This actionable intelligence in the hands of Fujitsu's expert security services team as part of their leading Cyber MSSP Platform will deliver customers a new level of proactive defense that renders targeted attacks dead-on-arrival. We are extremely proud to have had our MSSP offering chosen by Fujitsu to deliver their customers such an innovative solution.

(1) Endpoint A computer or information device connected to a communications line or networking device

(2) Dark web Websites that can only be accessed from specialized web browsers, used for applications such as collecting information and sharing tools.

(3) Cybereason EDR The Japanese distributor for this product is SoftBank Corp.

(4) Microsoft 365 E5 A package product containing three services: Office 365, an integrated information sharing cloud service that aggregates such functions as email, Office, scheduling, and online meetings, Windows 10, the latest OS, and Enterprise Mobility + Security, a cloud-based solution that provides both security countermeasures and productivity improvements.

(5) Integrated security services Refers to three services: Office365 Advanced Threat Protection, Windows Defender Advanced Threat Protection, and Azure Advanced Threat Protection.

(6) Deep web Websites that are difficult to access, used for applications such as collecting information and sharing tools.

About Fujitsu Ltd

Fujitsu is the leading Japanese information and communication technology (ICT) company, offering a full range of technology products, solutions, and services. Approximately 155,000 Fujitsu people support customers in more than 100 countries. We use our experience and the power of ICT to shape the future of society with our customers. Fujitsu Limited (TSE: 6702) reported consolidated revenues of 4.5 trillion yen (US\$40 billion) for the fiscal year ended March 31, 2017. For more information, please see <http://www.fujitsu.com>.

DK to apply StoreDot's rapid charging technology to mobile devices

May 9 05:34 am JST

By Tsuneyuki Miyake

TOKYO

TDK Corp has invested in StoreDot, a venture firm that is based in Israel and owns a technology to rapidly charge lithium-ion (Li-ion) batteries. TDK said it will apply the technology to smartphones and related products (earphones and smartwatches).

In addition to the investment, TDK signed a joint development contract with StoreDot. The two companies will cooperate to launch the rapid charging technology in the market at an early date. StoreDot's "Flash Battery Technology" enables to charge a smartphone in about five minutes (charging rate: 12C).

StoreDot is good at synthesizing organic materials and accelerated the movement of Li ions on the interface between electrodes and between an electrode and electrolyte. TDK does not expect to apply the technology to automobiles.

Japan's TDK expanding Israel operations

27 May, 2018 Globes

The company is enlarging its TDK-Lambda development center by 40% and setting up a second development center in Karmiel.

Japanese electronics giant TDK is about to found a second development center in Israel that will employ dozens of engineers, the company's representative in Israel has told "Globes." The company will also expand the workforce in its existing development center by 40%.

TDK is also in the final stages of negotiations with a number of Israeli startups to develop products for the company, which TDK will distribute worldwide through its distribution channels. TDK's investment in Israel will be in the tens of millions of dollars. The concern has a market cap of \$11.2 billion.

TDK has opened offices in Karmiel, and company representative Narutoshi Fukuzawa has been living in Israel for over a year, looking for suitable technologies and companies. In his first Israeli media interview, Fukuzawa said that the decision to establish the development center in Israel



was taken by TDK's management council in Japan. He added that the amount of investment and the size of the center were almost unlimited and depended on the sphere of development selected by the concern among the alternatives brought to it.

TDK already operates a development and manufacturing center of TDK Lambda in Israel with 260 employees. Another decision taken by the concern's management is to expand the business of the Israeli plant by 40% and add a new product line to it, while recruiting dozens of new employees. TDK Lambda-Israel sales director Yaron Eyni says that the Israeli company has shown its efficiency in production and has brought production processes back from China to the plant in Israel.

As part of opening the planned R&D center, TDK plans on bringing to Israel an exhibition of hundreds of products and technologies that it produces around the world in order to display them to the Israeli high-tech industry for the purpose of creating cooperative efforts, technologies, and innovation. TDK representative director president and CEO Shigenao Ishiguro will also attend the exhibition for the purpose of meeting with economic and political leaders and examining R&D opportunities first hand. Fukuzawa says that the exhibition is being sent outside Japan for the first time, showing the importance that the concern attaches to Israeli high tech.

Global concern TDK's revenue totaled \$11.6 billion last year. The concern operates 110 plants, R&D centers, and sales offices throughout the world with 103,000 employees. TDK has abandoned the media products, CDs, and cassettes that it produced in the 1980s. It now makes power supplies, sensors, energy storage devices, and energy converter devices installed in the products of companies like LG, Toshiba, Siemens, Microsoft, and others. TDK says that Israel is its fourth R&D center after the US, Europe, and China.

TDK recently invested in Israeli startup StoreDot, with which a joint development agreement (JDA) was signed at an investment of millions of dollars to develop technology for high-speed charging of lithium batteries. Fukuzawa says that the deal demonstrates TDK's intentions, because it is not confining itself to just a capital investment; it is bringing added value in production, purchase of raw materials, and distribution of the product. He said that startups in Israel are producing amazing ideas and TDK is offering them the ability to open doors and promote the product in global markets.

TDK is currently in negotiations with several Israeli startups and is likely to reach final agreements soon. Among other things, it is considering energy storage, contact sensors, and wireless charging products and technologies. Another agreement to develop energy technology is slated



for signing in which the Israeli company will develop a product according to the specifications of TDK itself. TDK said it was already recruiting personnel for this project.

Altair Ships IoT Chipset with Ultra-low Power Consumption to Support NTT DOCOMO's Launch of Japan's First eDRX Implementation

Demonstration Shows Power Reduction of up to 80%, in comparison with Altair Chipset using DRX, Significantly Extending Operation of Battery-Powered IoT Devices

HOD HASHARON, Israel, May 15, 2018 /PRNewswire/ -- [Altair Semiconductor](#) (altair-semi.com), a leading provider of LTE chipsets, today announced that chipset interoperability testing on Altair's ALT1160 Cat-1 chipset has been completed by [NTT DOCOMO, INC.](#), Japan's largest mobile services provider. Altair has commenced shipping of the ALT1160, featuring Ultra Low Power Consumption optimized for battery operation, to support the first commercial implementation of extended discontinuous reception (eDRX) technology in Japan by DOCOMO.

Highlighting the significant difference between eDRX and existing DRX technology, DOCOMO recently demonstrated its ability to significantly extend the sleep-mode duration of IoT devices, resulting in up to 80% power reduction and extending battery life by several times (in comparison with DRX). Operating on existing LTE networks, the technology will simplify the full deployment of long-term, battery-operated IoT devices such as smart utility meters and agricultural monitors. A variety of IoT Devices supporting eDRX are expected to be commercially deployed by Altair's business partners.

eDRX substantially improves battery life by extending the sleep time between paging cycles of LTE-network connected devices. As a result, devices can remain ready to receive data for longer periods while maintaining full network accessibility.

"eDRX allows for unprecedented reduction in power consumption," said Ilan Reingold, VP Business Development and Marketing for Altair. "We are fully committed to continued development of a series of new chipsets to provide industry-leading power consumption rates that



will enable exciting new devices for multiple IoT markets. We look forward to driving further innovation and enabling the expansion of cellular IoT business through our partnerships with leading Japanese mobile network operators. The new technologies of CAT-M1 and NB1 will improve this further."

About Altair Semiconductor

Altair Semiconductor, a subsidiary of Sony Semiconductor Solutions Corporation, is a leading provider of LTE chipsets. Altair's portfolio covers the complete spectrum of cellular 4G market needs, from supercharged video-centric applications all the way to ultra-low power, low cost IoT and M2M. Altair has shipped millions of LTE chipsets to date, commercially deployed on the world's most advanced LTE networks including Verizon Wireless, AT&T, Softbank and KT (Korea Telecom). The company's customer roster includes some of the world's leading OEMs and ODMs, such as Hewlett-Packard, ASUS, D-Link, WNC, Sierra Wireless and Murata, as well as the majority of Asian ODMs developing LTE products for global markets.

Wolf Prize to Professor Makoto Fujita Award ceremony in Israel

【Jerusalem】Israeli Wolf Foundation opened the award ceremony of the Wolf Prize in Jerusalem on May 31, awarded the Nobel Prize award, and awarded the chemical department to Tokyo University's professor Makoto Fujita. The Japanese won the Wolf Prize Chemistry category for the second time since 2001, Yoshiharu Noyori.



Professor Makoto Fujita of Tokyo University who won the Wolf Prize Chemistry Division (left). The second person from the right is President Liborin of Israel (May 31, Jerusalem) = joint

Professor Fujita developed a technique to synthesize huge molecules with various shapes using a phenomenon called "self-organization" in which small molecules spontaneously gather together

to form a specific structure. "I am very happy with the feeling that a child who has been growing up for me has taken the gold medal." Co-awarded with Professor Omar Yagy of California University.

The Wolf Prize has categories such as chemistry, medicine and physics, and since winners are often awarded the Nobel prize later, they are said to be the outpost of the Nobel Prize. In addition to Mr. Noyori in Japan, Director Shinya Yamanaka, Director of Kyoto University iPS Cell Research Institute, Masatoshi Koshiba, Professor of Tokyo University Special Prize, and others won.

Japan store bars wine from Golan Heights after protests

'The wine we carry is authorized by the Japanese government, so I don't see why it has to be discriminated against,' says importer

By [MARI YAMAGUCHI](#) 1 June 2018,

TOKYO (AP) — A major Japanese department store has quietly removed a vendor specializing in wine from Israel's Golan Heights after protests from pro-Palestinian groups boycotting products from the region.

Daimaru store said it withdrew its offer for **Naturael**, a Tokyo-based importer specializing in wine from the Golan — highly valued among connoisseurs — to participate in a fair in May.

Naturael said the wine is produced and imported legally and that Daimaru's decision could lead to anti-Israel sentiment.

Daimaru said the decision did not reflect any political stance and was only for the May 9-15 "Mediterranean gourmet and wine fair" at its Tokyo store. It said wine from elsewhere in Israel was sold at the fair and that Daimaru has no policy against Israeli products in general.

But a spokesman acknowledged that Daimaru took into consideration activists' concerns about the wine's origin.



“Today we cannot ignore geopolitical issues,” said Satoshi Nishio, a spokesman for **Daimaru Matsuzakaya Department Stores Co.** “We have to start paying more attention to where products are coming from.”

Israel captured the Golan Heights from Syria in the 1967 Six Day War and annexed it in 1981, a move not recognized by the US and the international community.

Israel’s part of the Golan Heights has been largely quiet in recent years, however, the Syrian side has seen heavy fighting as part of the Syrian civil war. Last month Iranian forces on the Syrian side fired a salvo of rockets toward Israel. Some were intercepted, while others fell short.

That attack came as Israel is waging a campaign to stop Iran from establishing a permanent presence in Syria and neighboring Lebanon, raising tensions in the region.

Naturael CEO Yoshiyuki Hongo said he respects Daimaru’s business decision, but that he regretted the store being targeted by a boycott campaign and sending the wrong message to other retailers.

Hongo said wineries he has contracts with in the Golan are there legally under Israeli law, are only devoted to making good wine, and their products are legally imported into Japan.

“The wine we carry is all authorized by the Japanese government, so I don’t see why it has to be discriminated against,” said Hongo, who last year started his online store, which also sells olive oil, date syrup and other items from Israel.

Hongo said a boycott of one item could lead to more self-restraint in business.

“Once you take a political stance in business, it could spread to other areas — not just food but to information and technology systems and many other commercial products. In the end you won’t be able to sell anything,” he said.

Another Japanese department store chain, **Mitsukoshi**, took a similar step at a Tokyo event last year.

The decision by Daimaru was welcomed by activists, but was largely unnoticed by ordinary consumers. Hongo says his internet wine sales haven't been affected.

Yoshihiro Yakushige, a member of a pro-Palestinian group, said he and fellow activists are not trying to cause stores to go out of business. "We just want Japanese consumers to think more carefully about where products are coming from," he said.

There is no Palestinian population in the Golan Heights.

June

Israel's GDP Per Capita Surpasses That Of Japan

The Media Line

June 12, 2018

Israel officially surpassed Japan in terms of gross domestic product per capita, which is calculated by dividing a country's total economic output by the number of its residents. According to the latest statistics compiled by the International Monetary Fund, **Israel's GDP per capita stands at \$42,120**, whereas **Japan's is \$40,850**. Nevertheless, Jerusalem's projected annual GDP of \$373.75 billion is dwarfed by Tokyo's \$5.17 trillion. In fact, Japan has the world's third-largest economy behind the United States and China, which have a GDP per capita of \$62,150 and \$10,090, respectively. As regards some other Middle East countries, Jordan has a GDP per capita of \$5,840; Lebanon of \$11,780; Saudi Arabia of \$22,650; and Qatar of \$66,200. The global average GDP per capita is \$11,730

Japan eyes hi-tech learning

NHK

2 hours ago

Teachers and students worldwide are always grappling with new technology in the classroom. For education authorities, the challenge is deciding which innovations are truly useful. Representatives from many countries are in Israel this week to take a look at some of the latest ideas.

The **Israel EdTech Summit in Tel Aviv** is showcasing cutting-edge learning tools from 50 local companies.

Among the exhibits is software that teaches children the basics of programming through game play.

Another item on show is a sensor-device which combines 12 types of measuring equipment.



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Countries such as the US and China have been quick to embrace "edtech" in classrooms. But Japan lags behind.

An official with the Japanese economy ministry said the government wants to change that.

Daisuke Asano of the Economy, Trade and Industry Ministry said, "We need to rearrange, restructure the whole education system using edtech, powered by edtech, in order to provide new types of citizens and creative workers through personalized creative learning."

JA Mitsui Leasing, Ltd., Sumitomo Mitsui Banking Corporation and Sumitomo Mitsui Trust Bank Limited Extend Relationship with TowerJazz Panasonic Semiconductor Company by Providing 11 Billion Japanese...

June 04, 2018 08:00 ET | Source: Tower Semiconductor

The loan is priced at 1.95% per annum fixed interest, includes a 3 year grace period and will be used to early prepay the Company's existing loans in full

TOKYO and KYOTO, Japan and MIGDAL HAEMEK, Israel - June 4, 2018 - TowerJazz, the global specialty foundry leader, today announced the signature of a definitive seven year term loan agreement with JA Mitsui Leasing, Ltd., Sumitomo Mitsui Banking Corporation and Sumitomo Mitsui Trust Bank Limited, a syndicate of leading Japanese banks and financial institutes, to provide TowerJazz Panasonic Semiconductor Co., Ltd. (TPSCo) a long-term loan of 11 billion Japanese Yen (approximately \$100 million). This seven year term loan carries annual fixed interest of 1.95% per annum, includes a 3 year grace period, matures in 2025 and will be repaid in nine equal semi-annual installments, which will commence on the third anniversary of the signing of this agreement. The new loan proceeds will be used to fully early prepay TPSCo's existing loans, borrowed in 2014 and 2015 from Japanese banks in the original amount of 17.3 Japanese Yen (approximately \$155 million), for which the outstanding amount as of March 31, 2018 was approximately 11 billion Japanese Yen (approximately \$100 million) and was originally due by 2020.



"We are very happy from our existing business and relationship with the TowerJazz Panasonic Semiconductor Company, hence are excited that it chose us as a partner for the new 7 year term loan agreement maturing in 2025, to extend our current loans that would have otherwise matured in 2020. TPSCo has made great progress since its establishment 4 years ago, and since its future business forecasts are promising, we have engaged with TPSCo to sign this new agreement" stated Kiyoshi Doi, Chief Executive Officer, JA Mitsui Leasing USA Holdings, Inc.

"I am extremely happy that we have the honor to sign these important agreements with three leading banks and financial institutes in Japan, JA Mitsui Leasing, Ltd., Sumitomo Mitsui Banking Corporation and Sumitomo Mitsui Trust Bank, Limited," said Amit Mappa, CFO of TPSCo. "This 11 billion Japanese Yen contract for a 7 year term with a 3 year grace period provides us with a great platform to invest and grow our business and capacity, targeting a larger customer base and increased revenue stream from our factories."

About TowerJazz

Tower Semiconductor Ltd. (NASDAQ: TSEM, TASE: TSEM) and its subsidiaries operate collectively under the brand name TowerJazz, the global specialty foundry leader. TowerJazz manufactures next-generation integrated circuits (ICs) in growing markets such as consumer, industrial, automotive, medical and aerospace and defense. TowerJazz's advanced technology is comprised of a broad range of customizable process platforms such as: SiGe, BiCMOS, mixed-signal/CMOS, RF CMOS, CMOS image sensor, integrated power management (BCD and 700V), and MEMS. TowerJazz also provides world-class design enablement for a quick and accurate design cycle as well as Transfer Optimization and development Process Services (TOPS) to IDMs and fabless companies that need to expand capacity. To provide multi-fab sourcing and extended capacity for its customers, TowerJazz operates two manufacturing facilities in Israel (150mm and 200mm), two in the U.S. (200mm) and three facilities in Japan (two 200mm and one 300mm). For more information, please visit www.towerjazz.com.

About TowerJazz Panasonic Semiconductor Co.

TowerJazz Panasonic Semiconductor Co., Ltd. (TPSCo) was established by Panasonic Corporation (NASDAQ ADS: PCRFY, TYO: 6752), 51% of which was acquired by Tower Semiconductor Ltd. (NASDAQ: TSEM, TASE: TSEM) and 49% of which is held by Panasonic Semiconductor Solutions Co., Ltd. TPSCo has three manufacturing facilities in Hokuriku, Japan which have been producing large scale integrated circuits for over 30 years. Areas of process technology focus include: high dynamic range image sensors (CIS and CCD), integrated power devices (BCD, SOI, and LDMOS) and high frequency silicon RFCMOS. With hundreds of qualified silicon process flows on 200mm and 300mm wafers from super micron to 45nm as well

as internal back end processing, assembly and test services, TPSCo provides both IDMs and fabless companies with unparalleled semiconductor manufacturing quality and technology, including in-house turnkey services. For more information, please visit www.tpsemico.com/.

About JA Mitsui Leasing, Ltd.

JA Mitsui Leasing, Ltd., a Japanese financial institute with headquarters in Ginza, Chuo-ku, Tokyo, Japan, provides, together with its subsidiaries leasing, installment sales, financing, and other associated services in Japan and internationally. The company offers finance lease, operating lease, and loan. It provides cross-border leasing for construction machinery, machine tools, molding machine, and other equipment from Japanese manufacturers and trading companies to end users abroad; and other services, including automobile lease and financing, ecology related services, real estate leasing, factoring services, and used equipment sales. For more information, please visit www.jamitsuilease.co.jp/en/.

About Sumitomo Mitsui Banking Corporation

Sumitomo Mitsui Banking Corporation (SMBC) is a Japanese multinational banking and financial services company headquartered in Chiyoda-Ku, Tokyo, Japan. It is a wholly owned subsidiary of Sumitomo Mitsui Financial Group which is the second largest financial group in Japan measured by market capitalization. Sumitomo Mitsui Banking Corporation (SMBC) and its group companies offer a broad range of financial services centered on banking. They are also engaged in the leasing, securities, credit card, investment, mortgage securitization, venture capital and other credit related businesses. For more information, please visit <http://www.smbc.co.jp/global/>

About Sumitomo Mitsui Trust Bank Limited

Sumitomo Mitsui Trust Bank, Limited (Chiyoda-ku, Tokyo) is the largest trust bank and the fifth-largest bank in Japan measured by total assets. It forms the core of Sumitomo Mitsui Trust Group as a trust bank with the largest scale in most of the major business areas of trust banking industry. It has 6 professional business divisions, which are Retail Financial Services Business, Wholesale Financial Services Business, Stock Transfer Agency Services Business, Real Estate Business, Fiduciary Services Business and Global Markets Business. It has built a balanced network focused on the Tokyo Metropolitan Area, Kansai and Chubu areas. It also has overseas network that can provide global financial services in loan business, asset management and administration business, as well as consulting business, among others.



Orasis Raises \$13 Million to Replace Reading Glasses with Eye Drops

The Israel-based company develops eye drops intended to alleviate farsightedness caused by aging

Lilach Baumer14:0607.06.18

Clinical-stage eye drop company Orasis Pharmaceuticals Ltd. has raised \$13 million in series B, the company announced Tuesday.

The round was led by California-based ophthalmology-focused Visionary Ventures, with participation from investors including from Sequoia Capital, SBI Japan-Israel Innovation Ventures, and New York-based LifeSci Venture Partners. Following the investment, Visionary Ventures' Jeffry Weinhuff and **SBI's Masafuyu Tanaka** will join Orasis' board of directors.

Privately-held Orasis develops an eye drop treatment for symptoms of presbyopia, the loss of the ability to focus on close objects due to loss of lens elasticity, mostly as a result of aging. In addition to creating problems with performing tasks such as reading, farsightedness can also strain the eyes and cause headaches. Founded in 2015 by a team of ophthalmology and optometry researchers, Orasis is based in Herzliya, a northern suburb of Tel Aviv.

The company states its eye drops have the potential to eliminate the need for reading glasses in patients with presbyopia.

The product makes use of a combination of pharmaceutical ingredients designed to cause temporary pupil constriction, and therefore temporary correction of farsightedness, explained Orasis CEO Elad Kedar in a Thursday interview with Calcalist. The product uses ingredients whose safety and efficacy is already well-known, he added, and at low dosages so as to avoid side effects such as loss of night vision, which can be caused by too much constriction.



Orasis stated it will use the funding to advance its product in clinical trials and for pre-commercial activities. The company has also already started approval procedures for the product, said Mr. Kedar

Elsight Partners With Japanese Rococo.Co.LTD

Elsight is pleased to confirm to have made significant inroads into the Pacific Rim market via a partnership with Rococo Co. Ltd (Rococo), a leading Japanese system integrator in Japan, China and Philippines. Rococo, headquartered in Osaka with over 20 years of strong presence in Japan, is a pioneer in the global expansion of the Japanese IT industry, with branches in Tokyo, Shanghai, and Ningbo, China, the Philippines and 10 other locations. Rococo specializes in the development of information systems and the creation of full turnkey communications connectivity among mobile systems, smart devices, and cell networks. Elsieht's partnership with Rococo will see the use of Elsieht's real time transmission equipment being provided for live streaming capabilities with the highest bandwidth and redundancy possible to fulfil Rococo's broadcasting vertical industry needs. Using Elsieht's technology, Rococo will enable its customers and fan club members to transmit high bandwidth video and data within a triple security layer in an always-on, redundant and robust infrastructure. Orders are expected to come in the first half of 2019.

About Elsieht Ltd

Elsieht limited is engaged in providing ground-breaking hybrid (on-the-move or fixed) video/ data capturing, recording and transmission for various real- tactical security and surveillance purposes/applications. Its products include wearable and portable devices, vehicle mounted and fixed/wall mounted devices, including RiderM-04 mobile digital video recorder (DVR), command and control software, and multichannel-secure multi data link unit. RiderM-04 DVR offers encoding resolution (WD1) on all four channels (for transmission or recording), Wi-Fi automatic off load of recorded files, storage hard-disk shock vibration proof, two-way audio in between the command and control center and the vehicle where it is installed. Multichannel-secure multi data link unit is a technology, providing live video and audio transmission as well as recording capabilities through multiple 3G and 4G networks. Its solutions include first responders, intelligence, media and broadcast, telemedicine and transit.



Information Development Becomes the First Japan Sales Partner of CyberX ~

Launch of sales of Security Solution for industrial control systems adopted by 350 companies worldwide

Information Development Co., Ltd. (HQ: Chiyoda-ku, Tokyo; President and Representative Director: Masaki Funakoshi; hereinafter: the Company) has concluded an agreement with U.S.-based **CyberX** (HQ in Framingham, U.S.; Development: Israel; Founder & CEO: Omer Schneider, hereinafter: CyberX) in the sales partnership, the first for Japanese market, to begin domestic sales of “CyberX,” a security platform for industrial control systems (ICS).

In the past, cyber attacks were directed at information systems (IT), but critical infrastructures and industrial systems have now become the targets through the networks, making it essential to address security policies for operations technologies (OT) to prevent unauthorized control of ICS in addition to IT. In Japan, with the upcoming 2020 Tokyo Olympics and Paralympics, this type of threat is expected to increase. With that concern, the Company has partnered with CyberX, founded by Israeli Defense Ministry veterans, to bring an exceedingly strong ICS cybersecurity solution to our customers in Japan.

● About the “CyberX”

security platform CyberX is a cyber security solution for state-of-the-art industrial control systems combining behavior analysis and anomaly detection between devices in the ICS environment and proprietary anti-ICS threat intelligence. CyberX can detect vulnerabilities such as threats, malware attacks, and unauthorized remote access to process control and system monitoring in an ICS environment, as well as ascertain IT assets under the ICS environment. It is the most trusted platform for fortifying cyber security for the **Industrial Internet of Things (IIoT)** and industrial networks across various fields such as energy, manufacturing, and utilities. It has already been adopted by five top electric power companies in North Americas and has delivered operational results at 350 companies worldwide.

Critical infrastructures: the foundation of society that delivers essential services to the activities of society. The National Center of Incident readiness and Strategy for Cybersecurity (NISC) issued the fourth action plan for the Cybersecurity Policy for Critical Information Infrastructure Protection on April 18, 2017, designating 13 areas of critical infrastructure as targets for protection: information and communications services, financial services, aviation services, railway services, electric power supply services, gas, government and administrative services (including regional public entities), medical services, water services, logistics services, chemical industries, credit card services, and petroleum industries.

● About CyberX Labs



CyberX offers an industrial cybersecurity platform that has been adopted throughout the world. It is widely acknowledged as a uniquely capable cybersecurity supplier and was selected for the SINET 16 Innovator Award sponsored by the U.S. Department of Homeland Security and Department of Defense. The founder Omer Schneider has experience commanding operations, research, and development of cybersecurity for the Israeli military.

■ About Information Development

Since our founding almost 50 years ago, the Company has grown to provide IT services centered on systems operations management and systems development to customers across a wide array of industries including financial services, the public sector, and aerospace industries. We have solved challenges for customers, drawing on our cybersecurity know-how built up over 20 years combined with our experience over many years in operations management and development. Looking to the future, the Company will continue to contribute to the improvement in the IT environment of our customers.

Japan's Daiso to open 3 stores in Israel next month

20 Jun, 2018 Globes

500-square meters stores will be opened in Ashdod, Ra'anana, and Rishon Lezion.

Japanese retail giant Daiso will open its first stores in Israel in two weeks. The stores will feature a variety of accessories and home products at a uniform NIS 10 price for all items.

Three stores will 500 square meters each will be opened in the first stage. The chain's CEO in Israel will be Uzi Benita.

The chain's uniform price in Japan is 100 Japanese yen - only NIS 3.30 per product. In order to adjust to the local market, however, the chain decided on a strategy of a higher uniform price that would enable the chain to also open stores in shopping malls with high rents.

Behind the Daiso's arrival in Israel is the Union group through Match Retail, managed by H&M and COS franchise holder Amihay Kilstein. The group is also the official importer in Israel for Toyota and Lexus.

Daiso will offer 30,000 of the 100,000 items designed for the company worldwide. The first three stores will be opened in July in Ashdod, Ra'anana, and Rishon Lezion. Locations in shopping



malls in Tel Aviv are conspicuously absent, but the chain's CEO promises that branches will also be opened there later on.

Another retail chain, Miniso, is likely to come to Israel Israel in strategic cooperation with [Azrieli Group Ltd.](#) (TASE: AZRG), with the first store being opened in the Azrieli mall in Tel Aviv. It appears that Daiso's strategy of a uniform and cheap price is likely to prefer malls in which the rent is lower. Stores are likely to open later on streets outside shopping malls.

Daiso's first store with 450 square meters, is slated for opening on July 4 in the Sea mall in Ashdod, followed by another store with 670 square meters in the Renanim Mall in Ra'anana on July 18. A third store with 550 square meters will be opened at the end of the month in the Cinema City G area in Rishon Lezion.

In addition to a uniform price, Daiso recently also began marketing a limited range of items in Japan at higher prices ranging from 200 yen to 800 yen. The company says, however, that these items will not be sold in Israel at this stage.

The Japanese chain currently operates 5,000 stores in 30 markets worldwide with an annual sales turnover of \$4.2 billion. In addition to 3,000 stores in Japan, Daiso has nearly 2,000 branches outside the country in the US, Latin America, the Persian Gulf, and elsewhere in Asia, but has yet to do business in Europe. The items developed for the company at its headquarters in Hiroshima are manufactured and designed exclusively for it, with 60-70% of the products being manufactured in Japan.

Daiso, founded in 1977, is the larger dollar-type store in the world. It is likely to compete in Israel with chains such as Max Stock and Hastok due to its combination of a large store and cheap products. The chain's products include design items and accessories for various spaces in the home: kitchen, living room, bedroom, children's rooms, and bathrooms, in addition to toys, design accessories for birthdays, work tools, writing utensils, electronics products, vehicle products, sewing tools, animal accessories, etc.



Passenger Safety Israeli Startup Guardian Optical Technologies Raises Funds from Japanese Investors

The startup raised funds from **Mirai Creation Fund** which is backed by **Toyota Motor Corporation**; Toyota has also invested in autonomous vehicles, ride hailers like Uber, and online auto sellers like Droom

28 June, 2018 BW Online Bureau

Guardian Optical Technologies has received an investment of \$3.1 million from Mirai Creation Fund, Goldbell Investments, and TransLink Capital as part of a pre-B round aimed to fuel the growth of the breakthrough in-vehicle sensor platform that helps automakers increase safety and improve the travel experience.

Investors and automakers recognize the importance of the innovative single-sensor vehicle occupancy detection solution that utilizes advanced 2D, 3D, and motion analysis to track passengers and objects anywhere inside a vehicle whether a car is turned on or off. Guardian developed the only optical technology that detects motions as faint as one micro-meter, enabling drivers to be alerted to forgotten objects and occupants, including small children. The technology also has life-saving functionality and in the event of a collision can detect the size of each passenger in the vehicle, and allow airbags to be deployed according to the mass of each person.

“Passenger-aware vehicles are becoming more of a necessity as technology in the automotive sector becomes more advanced,” said Gil Dotan, CEO of Guardian Optical Technologies.

“Monitoring the interior of a cabin is a key component to ensuring safety and an optimized experience for passengers.”

Guardian’s cutting-edge technology can potentially customize the travel experience of autonomous cars to automatically set favorite radio stations as well as preferred seat and steering wheel positioning. The advanced system is designed to seamlessly adapt to future progressions in the automotive industry, especially in autonomous vehicles.

The Mirai Creation Fund, funded by 20 companies, including Toyota Motor Corporation, is focused on supporting core technologies of AI, robotics and hydrogen energy and participated in Guardian’s previous series of funding as well. Shuhei Abe, CEO of SPARX Group, the operator of



Mirai Creation Fund said, “We are impressed with the strides that Guardian Optical Technologies has already made and have chosen to place additional support behind the company as it fills crucial passenger-focused needs in the evolving automotive technology landscape.”

Goldbell Investments is the global corporate venture arm of Goldbell Group, a Southeast Asian market leader in industrial and commercial fleet management, headquartered in Singapore. Arthur Chua, CEO of Goldbell Group said, “We believe that our investment into Guardian Optical Technologies will help to seamlessly increase passenger safety and convenience for passengers as the automotive industry prepares for the shift to more autonomous cars and fleets.”

SOMPO I Fund is operated by TransLink Capital and funded by Sompo Holdings, Inc., a Japan-headquartered global insurance conglomerate. Koichi Narasaki, Chief Digital Officer of Sompo Holdings said: “As companies adapt to a new approach to the automotive sphere we are excited to be joining Guardian Optical Technologies in revolutionizing the passenger experience for today’s car as well as the autonomous car of tomorrow.”

Guardian Optical Technologies is dedicated to enabling “passenger aware” cars with cutting-edge sensor technology that makes cars safer and more convenient. Just one sensor combined with advanced 2D, 3D, and motion analysis protects drivers and passengers by constantly scanning and tracking occupants and objects anywhere in the vehicle. These technologies work with a car’s seatbelts and airbags to sound immediate alerts.

The system deploys machine-learning, including image analysis on the sensor’s video feed, as well as “big data” analysis. Committed to providing high value to auto makers today, Guardian Optical Technologies designed its system to effortlessly support future advances in the auto industry, particularly autonomous vehicles. Based in Tel Aviv, Israel, the tech start-up was founded in 2014.



ABeam Consulting, in collaboration with Skywind, starts offering real-time monitoring solution

Nikkei Press Release

2018/05/15

ABeam Consulting and Skywind collaborate

Started providing real-time monitoring solution through ABeam Cloud

~ Realize early detection of financial loss and fraud possibility to reduce risk and cost -

ABeam Consulting Co., Ltd. (Head office: Chiyoda-ku, Tokyo, President: Toshinori Iwasawa, hereinafter referred to as ABeam Consulting) has concluded a partner agreement with Skywind Software Ltd. (Headquarters: Israel, CEO: Iliya Ruvinsky, hereinafter Skywind). We added Skywind's SAP solution monitoring solution "Skywind 4C (TM)" to the service line of "ABeam Cloud (R)" (* 1) to support operation cost and risk reduction through real-time transaction monitoring I will.

Due to complications of society and changes in values, the risks surrounding enterprises have diversified more than ever. The environment surrounding the company itself is increasing uncertainty, such as cyber attacks, misbehavior, crime such as illegal payment and fraud, as well as risks that could not be assumed in the past, such as changes in the international situation. In order to continue to secure competitiveness in such an environment, efforts to prevent risk not only from being promptly responded to risk are demanded by constantly monitoring, visualizing and analyzing the business and making real-time decisions I will.

"Skywind 4C (TM)" provided by Skywind is a solution for real-time monitoring of data registered in SAP products and has a lot of recruitment experience globally. Alerts developed based on customer requests incorporate global best practices and detect events that meet preset conditions and notify them as alerts. This makes it possible to detect illegally connected events and to detect bottlenecks at work early. Since it can be used immediately as a SaaS type solution, it can be effective immediately without costing much. Also, since alerts are being added



from time to time based on customer's request, we can continually enhance monitoring and improvements.

Through this collaboration, ABeam Consulting adds Skywind's solution to the menu of "ABeam Cloud (R)" and by combining knowledge gained through providing consulting services to various industries and know-how on SAP products We will support further strengthening of compliance not only visualization of finance and fraud, but also further reduction of customer operation cost.

We will promote the use of monitoring solutions for companies in various industries and industries that introduce SAP products.

It depends on customer's needs and target range, but price will be provided from around 2 million yen. We aim to earn 10 cases in fiscal 2018.

ABeam Consulting and Skywind will support the strengthening of the competitiveness of Japanese companies through digital change through the provision of the best solutions that make use of their strengths.

(* 1) It is a service that can use various industrial applications necessary for industries and industry templates and corporate management through the infrastructure provided by domestic and overseas cloud providers.

* ABeam, ABeam and its logo are registered trademarks of ABeam Consulting Co., Ltd. in Japan and other countries.

* SAP, SAP logo, all SAP products and service names mentioned are registered trademarks or trademarks in SAP SE in Germany or elsewhere in the world. In addition, other company names and logos, product names, etc. mentioned are registered trademarks or trademarks of each applicable company.

* Company names and product names described in this release are trademarks or registered trademarks of each company.

About ABeam Consulting Co., Ltd.

ABeam Consulting is a comprehensive management consulting firm that provides global services in line with each country and region through overseas networks, mainly in Asia. Companies that have about 5,000 professionals with expertise in strategy, BPR, IT,



organization / personnel affairs, outsourcing and other fields, and have experience in fields such as finance, manufacturing, distribution, energy, information communication, public, We offer a wide range of consulting services to organizations.

eSports event, VR / AR and 3D in-game display advertisement Advertisement automatic trading market place deployment

Mobile360 Co., Ltd. (Mobile President: Chiyoda-ku, Tokyo: Koji Ito / hereinafter referred to as "Mobile 360") is the first ever in the eSports business and VR / AR, 3D game market expected to expand rapidly in the Japanese market, Deploy advertisement automatic transaction service to display branding advertisements. This marketplace is based on Israeli **Anzu Virtual Reality Ltd** (CEO: Israel Tel Aviv: Ben Fenster / hereinafter referred to as "Anzu") has already been spreading in a number of games (such as soccer games and F1 races) in the European and US markets. In order to enter the Japanese market this time, Mobile 360 will acquire exclusive sales rights (excluding some global companies) and provide services. The online game market in Japan has a market size of 1 trillion yen or more, and it is expected that the eSports business and the VR / AR market will expand in the future. However, there is no concrete monetization (model of monetization) model that attracts technological attention, and Anzu's automated advertisement marketplace has the greatest value for advertisers who want to monetize game developers and increase their brand value Will be provided. In addition, advertisements on existing games are blocked by advertisements during play, such as hindering the user experience is considered a problem, and the advertisement display method provided this time does not hinder the user's behavior during Play, We can display advertisements, and we also realize advanced technology such as context targeting integrated with contents. For example, it is also possible to capture the moment of goal in a soccer game and display special advertisements. With the provided service, it is also possible to distribute the content as a unique campaign or promotion for game development companies. In addition, we have also acquired patents on measurement technologies for grasping brand safety, advertisement viewability (user actual viewing), contact time, etc. in the game, which is the subject of digital advertisement, Also realized.

Although systems that can display advertisements by automatic trading are generalized in the world of the Web and the application, it is the first time in the Japanese market to provide automated distribution service as display market advertisement in the game making full use of 3D technology as the marketplace I will. As support for Supply Side Platform * 1 which displays



advertisements, RTB (Real Time Bidding) * which provides software development company with software (SDK), can display advertisement with simple setting and makes automatic advertisement transaction * 2 and DSP * 3 functions in cooperation with existing DSPs in Japan and to realize them. It is also possible for game developers to develop their own digital advertising campaigns on their own.

On Track Innovations Receives Purchase Order for 3,000 Cashless Payment Systems for the Japanese Market

ROSH PINNA, Israel, June 28, 2018 /PRNewswire/ -- **On Track Innovations Ltd.** (OTI) (NASDAQ: OTIV), a global provider of near field communication (NFC) and cashless payment solutions, today announced that it has received a purchase order for 3,000 cashless payment systems from Japan via its partner, **Billing Systems Cooperation** (TSEL 3623), a leading payment service provider.

The systems include OTI's turnkey solution, which is comprised of a new **UNO Plus** EMV and FeliCa contactless reader as well as the GoBox Multi-Service Telemetry Gateway. **OTI's GoBox** is a powerful Machine-to-Machine (M2M) controller, payment gateway and multi-services enabler for unattended machines, providing innovative new revenue streams for machine operators.

OTI's turnkey solution offers a single point of contact for vending machine operators looking to implement cashless payment solutions. The company expects the purchase order to be delivered in the third quarter of 2018, for which OTI will recognize a one-time sale, followed by a high-margin, recurring revenue stream over the long-term. Due to confidentiality, the terms of the contract cannot be disclosed. Once complete, OTI will have delivered a total of 10,000 advanced payment systems to Japan to-date.

"I am very pleased to report this new purchase order, which increases our footprint in the key Japanese cashless payment systems market to 10,000 units," said Shlomi Cohen, CEO of On Track Innovations. "At an estimated six million units, the total estimated size of the Japanese electronic vending machine market is significant, leaving us a substantial runway to continue to execute with our partner, Billing Systems Cooperation. I look forward to continued sales execution in this key global market," concluded Cohen.



About OTI

On Track Innovations (OTI) is a global leader in the design, manufacture, and sale of secure cashless payment solutions using contactless NFC technology. OTI's field-proven innovations have been deployed around the world to address cashless payment and management requirements for the Internet of Payment Things (IoPT), wearables, automated retail and petroleum markets. OTI distributes and supports its solutions through a global network of regional offices and alliances. OTI is the proud recipient of the 2017 AI Award for Best Cashless Payment Solutions Provider – Israel.

Tradency's RoboX adopted for TOCOM Japan commodities futures trading

EXCHANGES JUNE 29, 2018

TOCOM, The Tokyo Commodity Exchange, has announced that Japanese commodity brokers are going to introduce Tradency RoboX for commodity futures.

Four Japanese commodity brokers are already preparing for introduction. Several companies are planning introduction. The commodity futures version RoboX service is planned to be offered this fall.

The Tokyo Commodity Exchange(TOCOM) shared its belief that RoboX will lead to the activation of the commodity futures market and actively supports sales activities etc. to commodity brokers.

Tradency cooperates with NTT DATA to promote introduction of commodity futures version of RoboX, which is a robo-advisor equipped with AI and automatic trading functions.

In recent years, attention has focused on artificial intelligence (AI) and products and services incorporated it are widely offered in various companies. In the financial industry, FX automatic trading system are introduced by FX brokers and securities companies. The diffusion of utilized AI services are rapidly expanding.

Based on these trends, in the commodity futures industry as well, NTT DATA has developed Commodity futures version robo advisor with AI learning feature called "The automated trading system for commodity futures" in cooperation with Tradency (Israel headquarters) and provided it



with three commodity futures brokers (one another company in preparation). This autumn is expected and scheduled to start to introduce services to customers.

The commodity futures version robo advisor has multiple investment strategies suitable for general investors' risk tolerance and derive the transactions automatically based on the strategy selected by the investor from among them. It will allow less experienced investors for commodity futures trading to participate in the market easily.

In addition, the commodity futures version robo advisor can attract existing commodity investors as well as FX and stocks investors trading online. Those new potential customers are expected to contribute to the improvement of market liquidity and to increase in transactions.

Mitsubishi Research Institute DCS signed partnership agreement with Infinidat Japan

Mitsubishi Research Institute DCS Co., Ltd. concluded a partnership agreement with Infinidat Japan LLC, and began offering storage products of Israel INFINIDAT, Inc. in June 2018

Mitsubishi Research Institute DCS Co., Ltd. (Head office: Shinagawa-ku, Tokyo, President and CEO: Minoru Komomi / hereinafter) is a joint venture company of Infiniadat Japan Limited (Head Office: Chiyoda Ward, President and CEO: Yoshikazu Okada / Infiniadat Japan) We began offering storage products of Israel INFINIDAT, Inc. in June 2018 with a partnership agreement.

Background and guidelines

In the IT world where information sophistication advances rapidly, the amount of data has exploded and it is now difficult to predict. Future storage is required such as flexible extensibility, efficiency to use resources without waste, economy to purchase at affordable price, etc. Infinidat's storage solution utilizes more than 130 patents on data protection, availability, scaling, automation, energy saving and ease of use, and is a product group that realizes high performance, large capacity and low price.

Through this partnership, DCS will combine the know-how of building a financial mission-critical system that we have cultivated to date with solutions related to data storage owned by Infinidat Japan to provide customers with optimal solutions, with a first year of 1 billion yen We aim for sales.

Infinidat storage product lineup

Enterprise storage "InfiniBox" with high speed and high reliability



Low-cost hybrid storage that combines the high-speed and high reliability of flash storage and the large capacity and low price features of disk storage.

Data loss protection solution "InfiniSync"

For example, when acquiring replication from a production machine to a backup machine once a day, a difference in data occurs due to the timing of failure occurrence. An innovative data protection solution that infinitely replaces data difference by "Infinisync" which obtains replication with full synchronization, to zero data loss to the utmost. Realize an environment that prevents data loss in discontinuation of IT operations and disasters.

3. InfiniGuard® solution for ultra high-speed backup and restoration of large volumes of data

A solution that realizes rapid restoration (quick restoration) from backup at the same site at high speed and reliability for disaster and other business continuity. There is no deduplication function which is not found in "Infinibox"

About INFINIDAT, Inc.

INFINIDAT, Inc. was founded in 2011 by storage industry experts to build multi-petabyte class enterprise storage that eliminates any compromise in terms of performance, availability and cost and to restore business value of the enterprise It was.

Since its launch in 2014, it has been around for 4 years to date, with over 800 companies including major financial and securities companies, major telecommunication companies and manufacturing companies, medical institutions, public institutions, etc. all over the world with corporate data of over 3,400 PB Has been on-line, making it a worldwide leader in the development, provision and sale of storage solutions.

About Mitsubishi Research Institute DCS Co., Ltd.

Mitsubishi Research Institute DCS has extensive experience in finance related business such as banking and credit cards, and also has strengths in outsourcing and BPO operations with the Chiba Information Center as its core.

In addition, the personnel salary service PROSRV that we offer since our company was founded has about 2,000 entrusted plants and has experience in top class in our country. Starting in 2004, as a member of the Mitsubishi Research Institute Group, we are developing a unified service, working as one of the few corporate groups in Japan that can provide a consistent value chain of think-tank - consulting - solutions - BPO, working to realize improvement of corporate value of customers



July

ISRAELI EMERGENCY RESPONSE TEAM HEADS TO JAPAN FLOODS

IsraAID sends help after severe floods left many stranded travelers and residents, including Israelis.

BY JERUSALEM POST STAFF, IRIS GEORLETTE

JULY 9, 2018

Israeli humanitarian aid organization IsraAID deployed an emergency response team to western Japan Monday, two days after torrential rains and floods began.

JISP, IsraAID's Japan branch, will distribute urgent relief items and is assessing the medical and post-trauma psycho-social needs. IsraAID staff is equipped to provide Psychological First Aid and mental health support for evacuees.

Over two million people were ordered to evacuate their homes during the search and rescue efforts. There are 95 reported fatalities and dozens are still missing. According to reports from IsraAID this is one of the worst weather-related catastrophes since the 2011 earthquake and tsunami.

The severe floods have left many stranded travelers and residents, including Israelis.

One such Israeli, Dana Eisenberg, said "people walked around five streets just to cross the road. I was already soaked in water so I crossed the road in that river. People in cars looked at me with admiration for my 'courage.' I almost fell into the water, because the current was too strong."

Yifat Elyashar, a Japanese pottery master who lives in Kyoto for a sabbatical year describes the scene: "It's raging, the river is overflowing, there are traffic jams all over the city, and the JR train stopped, just let them out, we have a bus tomorrow to Tokyo to return to Israel, and I hope it will work out. There are constant alarms, like the ones in Israel [when there is a rocket]. Oh God in heaven, walking from the Kyoto Station would be faster."



IsraAID was also pivotal for providing critical post-trauma capacity-building, psychosocial and mental health support and leadership training for youth after the 2011 tsunami in Japan.

Yotam Polizer, IsraAID's co-CEO, notes, "For the last seven years, IsraAID and our local branch JISP have worked closely to support thousands of survivors affected by the tsunami and earthquakes. The Japanese people are some of the most resilient and inspiring people we have ever worked with. We are proud of our Japanese team and will continue to support the affected communities as long as needed."

According to forecasts, the severe weather will continue over the weekend.

Japan's Daiso opens first Israeli store

Japanese retail giant Daiso opens its first store in Israel in the Sea Mall in Ashdod. The new 430-square meter store is expected to sell up to 20,000 products in various categories at a NIS 10 uniform price. Another store with 670 square meters of space will open in July 18 in the Renanim Mall in Ra'anana. A third store with 550 square meters will open on July 29 in the Cinema City G area in Rishon Lezion.

Daiso is trying its luck in a place where quite a few players offering a uniform cheap price have failed in the long term. For example, retailers like Cofix, Super Cofix, and Good Pharm have already added more expensive products in order to increase their diversity and pay their challenging rents. The chain's uniform price in Japan is 100 Japanese yen - only NIS 3.30 per product. In order to adjust to the local market, however, the chain decided on a strategy of a higher uniform price that would enable the chain to also open stores in shopping malls with high rents. In addition to a uniform price, Daiso recently also began marketing a limited range of items in Japan at higher prices ranging from 200 yen to 800 yen. The company says, however, that these items will not be sold in Israel at this stage.

Behind the Daiso's arrival in Israel is the Union group through Match Retail, managed by H&M and COS franchise holder Amihay Kilstein. The group is also the official importer in Israel for Toyota and Lexus.



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Daiso, founded in 1977, is the larger dollar-type store in the world. The chain's products include design items and accessories for various spaces in the home: kitchen, living room, bedroom, children's rooms, and bathrooms, in addition to toys, design accessories for birthdays, work tools, writing utensils, gardening tools, electronics products, vehicle products, sewing tools, animal accessories, etc.

Former Ambassador Moshe Ben Yaacov contributed to the entry of Daiso to Israel

Another retail chain, Miniso, is likely to come to Israel in strategic cooperation with **Azrieli Group Ltd.** (TASE: AZRG), with the first store being opened in the Azrieli mall in Tel Aviv. It appears that Daiso's strategy of a uniform and cheap price is likely to prefer malls in which the rent is lower. Stores are also likely to open later on streets outside shopping malls.

Published by Globes [online], Israel business news - on July 3, 2018

Intelligent Wave signs domestic sales agreement with Israel SecBI Company - Launch "APT attack predictive auto detection solution" product

Nikkei Press Release

2018/07/02

Intelligent Wave Inc. (IWI) Co., Ltd. signed domestic sales agreement with Israeli **SecBI** on the 2nd, and began selling its company's APT attack precursor automatic detection solution "SecBI".

"SecBI" automatically installs this product in the network and forwards all the logs of proxy communication, and the autonomous analysis engine "Autonomous Investigation" of the product automatically analyzes the threat and detects it quickly. It is unnecessary to change the configuration of the client agent and the network, it has no influence on the existing system and it can be installed immediately easily. It can take a flexible introduction style with on-premises environment, cloud environment, multi-tenant.

Autonomous Investigation is a machine learning engine that automatically detects threats 24 hours a day, 365 days a year to surpass analysts and identifies all users, devices, servers, etc. that are affected by the compromised network. Reveal the full picture of attacks including malicious domain, IP, C & C server, intrusion point.

The detection process consists of DGA (Domain Generation Algorithm) that changes the domain for each communication with the C & C server, Fast Flux which hides the existence of malicious sites such as phishing, etc. by changing the server IP address one after another, Fast Flux It is effective for detection of complicated and malicious methods such as P2P, botnet and so on.

The price of the solution is determined based on the amount of log data to be taken in one day, and it is 375 thousand yen (tax excluded) per year in the minimum unit. IWI aims sales of 200 million yen in the first year. In addition, IWI will handle SecBI's solutions in-house such as CWAT, a proprietary information leakage countermeasure product, Palo Alto Networks' cybersecurity countermeasure product 'Traps', Illusive Network's' Deceptions Everywhere', Ayehu's eyeShare



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We are planning to develop and provide solutions and services that can more efficiently and integratedly respond by effectively utilizing the functions and features of each product.

CyberGym, Hitachi to Launch Cybersecurity Training Facility in Japan

As part of the agreement, a hands-on cyber security training and defense facility will be established at Hitachi's complex in Japan

[IsraelDefense](#) | 28/06/2017

CyberGym and Hitachi announced the launch of an advanced hands-on cybersecurity training and defense training facility. This solution will deliver protective measures for critical infrastructure in a real technological environment.

As part of the agreement, a hands-on cyber security training and defense facility will be established at Hitachi's complex in Japan. CyberGym will train Hitachi's employees who will operate the facility.

"This partnership has been launched at a time when critical infrastructure is a real target in the emerging cyber war," said Ofir Hason, CEO of CyberGym. "Hitachi's new cyber security training and defense facility in Japan further expands CyberGym's growing global footprint. The joint activities between CyberGym and Hitachi offer a unique opportunity to form a long-term partnership both in Japan and potentially other countries where Hitachi operates. This agreement demonstrates the increased seriousness and sense of urgency around preparing organizations for cyber-attacks."

CyberGym's training is conducted in a staged technological environment which is identical to the one in which the organization operates. According to the company, this unique approach enables organizations to practice real-world cyber-attack scenarios. "CyberGym is the only cyber security training and defense provider that trains organizations for active cyber defense, events mitigation, and crisis management," added Gilad Yoshi, CyberGym's Vice President, Sales & Business Development.



KARTE for App" starts cooperation with "AppsFlyer"

[Plaid](#)

July 10, 2018 08: 00

AppsFlyer (Headquarters: Israel, President & Representative Director, President and CEO) at the KARTE for App service for the application of the company's CX (Customer Experience) platform "KARTE", Plaid Corporation (Shinagawa-ku, Tokyo; President: Kenta Kurahashi) We will start data collaboration between mobile attribution provided by co-founder: Oren Kaniel, Japan Country Manager: Naoya Otsubi) and marketing analytics "AppsFlyer (Upsflyer)".



Make it possible for user's advertisement contact data to be linked to "KARTE for App" in r



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real time. Realizing the optimum CX (customer experience) for each user With

this collaboration, data collaboration between "AppsFlyer" and "KARTE for App" can be mutually enabled by introducing the SDK of both services into the application. By reflecting the user's contact data in real time in "KARTE for App", it becomes possible to personalize post-installation in-app messages and push notifications for each inflow route (advertisement channel and campaign). In addition, advertisement distribution using measurement data of KARTE becomes possible.

Since "KARTE for App" can capture users across the websites as well as their own websites, experience from advertising contacts on the web to installing, launching and continuing to use the app, and using it together with websites It connects without being divided, and the promotion of the application centered on the customer experience for each user is realized.

About AppsFlyer

AppsFlyer's technology, which is adopted by 98% of worldwide smartphones, is a global leader in mobile attribution and marketing analytics. Data-driven marketers are using AppsFlyer's independent measurement solutions and innovative tools to grow mobile business. The AppsFlyer platform handles billions of mobile actions everyday, while helping application marketers and developers maximize the effect of investing in marketing. AppsFlyer is a marketing tool used by many of the world's most successful mobile applications with the Active Fraud Suite including NativeTrack™ attribution, marketing analysis data, OneLink deep link function, DeviceRank function delivered by AppsFlyer . AppsFlyer gathers trust from over 10,000 major brands and partners including Facebook, Google, Twitter, Pinterest, Snap Inc., Tencent, HBO, Playtika, Alibaba, Skyscanner, Japan Airlines, Docomo, Square Enix, It has a global office and supports application marketers all over the world. For more information please visit www.appsflyer.com.

About KARTE

"KARTE" is a service that analyzes the behavior of customers using websites and applications in real time, visualizes each and every one of them, and realizes one-stop free communication tailored to individual customers. We started service in March 2015. Because it has high scalability, we can communicate not only onsite but also with customers in various scenes, as well as collaboration with existing services are flexible, and it is possible to utilize variously according to marketing issues and needs .

KARTE enables overwhelming customer understanding from all kinds of data and realizes improved customer experience (CX) for end users.

August

The first Japanese company to register on the Israeli stock exchange

The holding company IRI, which specializes in technology and high-tech, completed an initial public offering of shares and raised NIS 20 million in share capital at a value of NIS 80 million

A sponsor 08/07/2018 09:17

The Internet Research Institute (IRI), a technology and high-tech holding company has completed an initial public offering of shares (IPO). IRI raised NIS 20.3 million in share capital, based on a value of NIS 80 million after money.

Dr. Hiroshi Fujiwara, IRI Chairman and CEO, said today, "I am very pleased with the confidence we have received from investors in the IRI issue. We believe that the share issue will be a bridge between Israeli innovation and the Japanese market and will enable us to acquire and invest in technology and high-tech companies in Israel and Japan. "

The issue was led by Discount Capital Underwriting Ltd. PWC accompanied the issue, and Yoav Nehir, Nitzan Markovich and Niv Avigad of Meitar Liquornik Geva Leshem Tal & Co. accompanied the as legal councils

Japanese gov't opens Israeli startup accelerator

29 Aug, 2018 [Tal Shahaf](#) Globes

The Japanese External Trade Organization (JETRO) is opening a business center and accelerator program for Israeli startups.

Economic cooperation between Japan and Israel is being stepped up: the Japanese External Trade Organization (JETRO), a Japanese governmental agency, is opening a business center and accelerator program for Israeli startups. The center will support Israeli startups and mediate



business cooperation between Japanese and Israeli companies. The JETRO center is focusing on support for Israeli companies in the founding stages and the expansion of their business to Japan.

JETRO promotes bilateral trade and investments between Japan and the rest of the world. As part of its activity, JETRO operates the Invest Japan program aimed at helping foreign companies wishing to develop their business in Japan. The program includes a great deal of information for foreign investors about all aspects of doing business in Japan by providing professional consultation and temporary office space for free in large business centers throughout Japan. Under the name Global Acceleration Hub (GAH), similar Japanese centers operate at 12 sites around the world.

The JETRO program is designed for Israeli startups interested in finding fruitful ground for cooperation with Japanese companies. The center's personnel will assist with information about the Japanese market and in finding suitable companies for cooperation. In cases in which such a company is found, the center is likely to obtain support in establishing a presence for the Israeli company in Japan.

The GAH program will be operated by Jakore, owned by former Rakuten executive Shintaro Hirato and former Samurai Incubate Israel CEO Yony Golan. The company represents Japanese investors and companies, while also supporting Israeli startups in the Japanese market.

JETRO Israel managing director Tomohiro Yoden said, "It is important for Japan to adopt Israel's strengths. In addition, the knowledge and experience of Japanese companies will be very useful for Israeli companies. I believe that the first step of each side is to understand the other's strong points, combine forces, and build reciprocal relations that will complement each other."

Golan said, "In pursuance of the positive trend we are seeing from the Japanese side towards a wish for technological cooperation in recent years in investments and cooperation in developing technologies of various types in Israel, this welcome initiative of the Japanese government via JETRO provide strong support for this trend. We are happy to cooperate with JETRO in order to be a catalyzer in the promotion and strengthening of the trend and in deepening the connection with the Israeli ecosystem."

Adv. Guy Lachmann, a partner in the high-tech group at the Pearl Cohen Zedek Latzer Baratz law firm and the head of the firm's Japan desk, which advises many Japanese companies about their business in Israel, said, "JETRO's initiative represents the clear trend towards people in Japan making Israel and Israeli technologies an important target for their efforts. The synergy



between these Japanese companies and their Israeli counterparts is enormous and the potential is huge. In the not-too-distant future, we are likely to see many Japanese companies opening branches here, investing in Israeli technology companies, and even acquiring companies."

NovellusDx and Primetech Sign an Exclusive Dealer Agreement in Japan

Deal initiated and lead by Harel-Hertz Investment House Ltd

TOKYO & JERUSALEM--([BUSINESS WIRE](#))--NovellusDx, Ltd. (CEO: Haim Gil-Ad, headquarters: Jerusalem Bio-Park, Hadassah medical center, Ein-Kerem Campus, Israel) and Primetech Co., Ltd. (President: Ryosuke Ogihara, Head office: 1-3-25 Koishikawa, Bunkyo-ku, Tokyo, Japan) announce that Primetech will provide NovellusDx' functional genomics assay "FACT – Functional Annotation for Cancer Treatment" as an exclusive dealer in Japan for the pre-clinical market with sales, marketing and research support / technical support in Japan.

"We are pleased to be represented by such a trusted and honorable name as Primetech," said Haim Gil-Ad, NovellusDx CEO, "Japan is the first territory where we grant agent agreements. This echoes our strong belief that the Japanese oncology market is of the utmost importance."

"Precision medicine is changing oncology worldwide," said **Ryosuke Ogihara, Primetech president**, "optimizing targeted treatment strategy based on tumor molecular alteration is more efficacious than standard treatment based on tumor localization and being able to measure the activity of specific mutations and their response to drugs is revolutionary."

"We are excited to offer NovellusDx' functional oncology assay to our existing pharma and research center clients," said **Keiichi Teramoto, Director of Marketing, of Primetech**. "The FACT system has a great ability to predict the clinical outcome of the patients in the complex real-life setting. Now we will be able to bring the system to our clients developing cancer drugs and mechanisms of action."

"Today, genomic sequencing plays an ever-increasing role in cancer treatment, but the functional significance of most mutations found in a patient's DNA is unknown and so is the effect drugs have on them," said **Michael Vidne CCO of NovellusDx**. "Japan is a huge, advanced market



with the top research centers and pharma companies operating here. It is an honor for us to be able and help them.”

About Primetech

Primetech is a manufacturer and distributor of high technology life-science research equipment throughout Japan for more than 30 years. Primetech has technically advanced staffs, and an intimate knowledge of the Japanese marketplace allow it to assist companies in penetrating the Japanese market. Primetech’s mission is to create true value for customers who research challenging issues in the advanced life science. Primetech provides better solutions to satisfy our customer needs and contribute to the progress and improvement of society with our prime technology and customer support.

About NovellusDx

NovellusDx’s mission is to provide functional information about mutations and their responses to drugs so that oncologists can treat patients with precision therapies and bio-pharmaceutical companies can develop drugs more effectively. The NovellusDx approach is to monitor the functional effects of mutations and observe the effects of drugs, drug combinations and drug candidates on the activity level caused by the mutations. NovellusDx’s headquarters and research and development operations are based in Jerusalem, Israel

Chartered Investment Managers via Tel Aviv University Incubation Fund” becomes Anchor investor in TAU FUND

Chartered Investment Managers, the Singapore-based asset management firm, is a wholly owned subsidiary of the leading Japanese investment bank and brokerage **PWM Japan Securities**. Became an anchor investor in TAU VC

Tel Aviv University is among the Top 10 colleges worldwide that have produced the most founders of privately held billion-dollar startups, also known as unicorns, according to British business management firm Sage, which ranked the Israeli institution eight in the world. It’s the only non-American university in the top tier.



Tel Aviv University has been ranked ninth globally, the only non-US university, in the Pitchbook Universities Report, which ranks universities according to the number of graduates who founded venture-capital-backed startups.

The newly launched “**Tel Aviv University Incubation Fund**” (**TAU FUND**), will focus on investing in startups founded by Tel Aviv University’s students and academic staff.

Chartered Hightech founded “**Japan Israel High Tech Ventures 1**” (JIHTV1) fund and acquired the position of anchor investor of TAU FUND. Through JIHTV1 we will provide opportunities for investors to invest in TAU FUND.

To companies that invest through this fund, Tel Aviv University provides various support necessary for the growth of start-up companies such as support for R&D in addition to financing, provision of networks with external institutions, etc. By doing so, we have set up a system to strongly back up our growth.

Established in 1999, **PWM Japan Securities**, who is the sole shareholder, specializes in providing the complete range of investment trust products that are managed by top asset management firms, structured as well as hybrid bonds, and other ‘plain vanilla’ and complex products. The investment products are screened carefully and thoroughly so that high quality products that are capable of meeting the needs of our clients in Singapore, Japan and elsewhere in the world can be objectively selected.

Japanese Radio Station Nippon Broadcasting Invests \$3 Million in Audio Search Engine AudioBurst

AudioBurst supplies content indexing services to radio stations, offering an automated parsing and tagging technology. It also offers a search engine for speech audio segments

Tofi Stoler13:1007.08.18

Tokyo-based radio station Nippon Broadcasting System Inc. has invested \$3 million in Tel Aviv-based audio search startup AudioBurst Ltd., the companies announced Monday. As part of the deal, AudioBurst and Nippon Broadcasting System will collaborate on products for the Japanese market which rely on AudioBurst’s technology.

Founded in 2015 and headquartered in Palo Alto, California, AudioBurst supplies content indexing services to radio stations, offering an automated parsing and tagging technology. It also offers a search engine for speech audio segments.

Audioburst is an AI-based Voice Search platform that connects audio content and users. With the mission of organizing the world's audio content, Audioburst is building the world's largest growing library

Nippon Broadcasting System's investment was made as part of AudioBurst's Series A funding round, which now totals \$14.4 million. Previously announced investors in the round include Samsung Ventures, Tokyo-listed speech recognition company Advanced Media Inc., Israeli venture capital fund Flint Capital, and Tel Aviv-based investment firm 2B-Angels.

Nippon Broadcasting System, a subsidiary of Tokyo-listed media holding company FUJI Media Holdings, is a commercial radio station founded in 1954.

With New \$25M Investment And R&D Deal, SoftWheel Makes Inroads Into Auto Industry

NoCamels [Technology News](#)

Japan-based auto parts manufacturer Musashi Seimitsu Industry Co. Ltd. invested \$6 million in the round, and signed a strategic collaboration agreement with SoftWheel to develop and manufacture automotive technology.

[SoftWheel](#), the Israeli startup developing wheel suspension technology, announced that it signed a new R&D and manufacturing partnership with Japanese automotive and transportation equipment maker Musashi Seimitsu Industry, marking a new inroad into the automotive industry.

The Tel Aviv-based company said **Musashi Seimitsu**, a Tier1 company partly owned by Honda Motor Company with 30 manufacturing sites worldwide, was also part of a new round of investment led by Rothschild Bank, but did not disclose the amount in a press statement. [According to Crunchbase](#), the Series C round amounted to some \$25 million.



The deal with Musashi Seimitsu, which specializes in the development and manufacturing of powertrain products, including transmission gears and assemblies, and reduction gears for electric vehicles, “will ensure the highest standards of manufacturing of SoftWheel’s automotive systems and will support its successful market penetration,” the companies indicated in a statement.

SoftWheel said the current investment round represents a market valuation of NIS 500 million (\$136M) for the company.

SoftWheel CEO Daniel Barel welcomed the deal, saying in a statement that he was “thrilled to embark on this collaboration with Musashi, which brings strong engineering and manufacturing value to SoftWheel. Their unique corporate culture and innovation spirit are a perfect match for SoftWheel and we look forward to an exciting journey together to shape the future of transportation.”

The company, founded in 2011, is well-known for its work in the personal mobility sector, providing in-wheel technology for wheelchair and bikes.

It recently signed a [\\$4.5 million deal with the US Department of Veteran Affairs](#) to provide wheels for 2,000 wheelchairs over the course of three years. The wheel tech is said to reduce pain for wheelchair riders and increases comfort.

SoftWheel’s Fluent wheels for bikes are currently in the pilot stage, and electric bikes that used its wheels “completed a test track faster than with regular-spoke wheels — and had 16.4 percent more energy left in the battery pack,” making the ride more efficient and saving money and energy, SoftWheel has said. This can be especially beneficial for bike-sharing companies, it added.

The company has also been adapting its revolutionary technology to the unique requirements of automobiles and trucks with the Enduro wheel, improving the overall ride, performance, and energy-efficiency of individual vehicles and large fleets. [SoftWheel says](#) its adaptive in-wheel suspension is the “only technology designed from inception to effectively reduce the vehicle’s unsprung mass,” which affects the vehicle weight, maneuverability and responsiveness, and driving range.

SoftWheel says it is increasingly “recognized as the enabler of future vehicle platforms including EV [electric vehicles], hybrid and autonomous vehicles.

The latest deal with the Japanese multinational comes on the heels of an April [strategic cooperation agreement](#) with Linamar, the second largest Canadian manufacturer of auto parts traded on the Toronto Stock Exchange.

According to the deal, Linamar will set up a production line for SoftWheel products in North America to accelerate its entrance into the global market.

Barel said SoftWheel has seen “great interest coming from automotive components manufacturers, as well as OEMs [original equipment manufacturers] who recognize and value our technology and revolutionary solution.”

“As a technology company, we are looking to partner with the world’s best automotive components manufacturers, such as Musashi, to bring our technology to market,” he added.

Musashi CEO Hiroshi Otsuka said in a statement that SoftWheel “brings a unique solution to future automotive platforms and we are enthusiastic about the opportunity to work with such an innovative team.

“Our technology is poised to lead the future of automotive transformation and we look forward to the opportunity to work together with SoftWheel to develop and manufacture this solution for OEMs.”

Trendemon opened Tokyo office

Last week, Avishai Sharon our CEO and Halel Porat, VP Customer Success and Operations kicked off our Japanese adventure with an opening gala attended by Outbrain, Amana, Treasure Data, GumGum, and many more.

We were thrilled to share TrenDemon’s vision for our business in Japan and beyond.

TrenDemon offers an autonomous content marketing attribution solution, helping marketers, advertisers, publishers, and networks better understand the impact of marketing efforts on sales. The result is an increase in leads from content by optimizing customer journeys in real time.

Using personalized, real-time recommendations and calls to action, as well as integration with marketing automation services, TrenDemon is able to get more visitors to convert. The company also provides insights about content marketing ROI, successful customer journeys, and traffic sources to help guide content strategy and actions

Trendemon Japan K.K. was established on July 2nd and is located in Tokyo.

Israeli medical startups beat a path to aging Japan

Rising investment drives spread of innovations like smartphone urinalysis

ANNU NISHIOKA, Nikkei staff writer August 21, 2018

Tel Aviv startup Healthy.io is promoting a smartphone-linked urinalysis kit, depicted in this graphic from its website.

TOKYO -- Israeli startups are targeting the medical market in Japan, home to one of the world's fastest-aging societies.

The sliver of the Middle East has emerged as a hotbed of [autonomous driving](#) and cybersecurity technologies. Now, backed by government-driven investment, young companies are zeroing in on health care. And many of them see Japan as a lucrative destination after the U.S., the world's biggest medical market.

Tel Aviv company Healthy.io aims to sell a home urine testing kit that works with a smartphone app.

Users simply dip a test strip in their urine, then take a picture of the strip with a smartphone camera. Based on the colors on the paper, the app will determine whether the user has a urinary tract infection or other diseases. The test results can be shared with health care professionals online.

Another company from Tel Aviv, Alpha Tau Medical, has partnered with Japanese biotechnology startup HekaBio to release radiation therapy equipment in Japan in 2021, at the earliest.

The product is designed to treat patients with breast, skin and other solid cancers. Unlike most such equipment, Alpha Tau's "radioactive seeds" emit alpha rays from inside the body. These rays are more powerful than other forms of radiation but are less likely to damage surrounding cells.

HekaBio CEO Robert Claar has high hopes the device will prove practical. "We can provide this therapy at lower prices than external radiation therapies," he said.



The entrepreneurship boom that earned Israel a reputation as the "Startup Nation" can be traced, in part, to its compulsory military service for men and women over the age of 18. Some units are trained in programming and [defending against cyberattacks](#).

"The nature of finding and solving an issue is strongly linked to starting a business," said Yoav Ramot, CEO of Million Steps, a Tokyo consultancy that focuses on Israel.

Growing investment in Israeli life sciences startups is helping these businesses push into Japan along with the U.S. and Europe. Such ventures raised about \$1.2 billion in 2017, a 3.6-fold increase from 2008, according to Israel's IVC Research Center.

Although the number of investments was virtually unchanged from 2016 to 2017, the amount of money increased.

HB and Alpha Tau Medical partner to bring the world's first Alpha Radiation Brachytherapy to Japan

HekaBio K.K. partnered with Alpha Tau Medical LTD, an Israeli company, to establish Alpha Tau Medical K.K in Japan on January 31, 2018. The purpose of Alpha Tau Medical K.K. is to supply and distribute to the Japanese market a highly potent and conformal alpha radiation-based cancer treatment, the Alpha DaRT.

Alpha Tau Medical LTD (Tel Aviv, Israel) developed the world's first brachytherapy using alpha radiation for the treatment of solid cancers, including pancreatic, prostate, head & neck and other cancers. The treatment, Alpha DaRT (Diffusing Alpha-Emitters Radiation Therapy), is under clinical research in the EU, Asia and the United States. Clinical trials currently conducted in Europe and Israel confirm the efficacy and safety of the treatment.

Alpha DaRT therapy is effective for all solid carcinomas tested, including hypoxic tumors. Radioactive Alpha DaRT seeds are directly inserted into the tumor, releasing alpha particles and causing immediate destruction of cancer cell DNA while sparing surrounding healthy tissue.

Development and Clinical trial planning is progressing in Japan with major cancer centers

About Alpha Tau Medical LTD

Alpha Tau Medical is an Israeli medical device company that focuses on research, development and commercialization of Alpha DaRT (Diffusing Alpha-emitters Radiation Therapy) for the treatment of solid tumor cancers. The Alpha DaRT technology was developed by Prof. Itzhak Kelson and Prof. Yona Keisari in 2003 at Tel Aviv University.

Alpha Tau Medical's mission is "to enable a cancer treatment that destroys tumors while sparing healthy tissue to save the lives of millions of patients around the world." (Alpha Tau Medical, Mission Statement)

About the Alpha DaRT treatment

The Alpha DaRT treatment has several important features:

- Highly potent and conformal
- Proven efficacy for all solid tumors tested
- Effective regardless of tumor oxygen level
- Short half-life – quick clinical outcome
- No known negative systemic effects
- Stimulates anti-tumor immune response
- Single-session treatment
- Enables combination with other therapies or reapplication
- Disposable applicators - does not require capital equipment or special shielding

About HekaBio K.K

HekaBio focuses on cancer, autoimmune/ inflammatory and central nervous system disease. The management team has extensive experience and networks, both overseas and in Japan.

With a deep understanding and respect for Japanese medical needs and business practices, HekaBio continues to grow by developing its innovation pipeline with validated programs from overseas partners. HekaBio strives to eliminate the innovation gap between Japan and rest of the world with the swift launch of therapies meeting unmet medical needs in Japan.



With integrity and tenacity, HekaBio collaborates with healthcare and business partners to creatively address the unmet medical needs of patients who are fighting rare and intractable diseases.

Naver Backs Israeli Sports Tech Company's Push into Asia

Israel-based PlaySight Interactive develops smart courts technology that enables players and coaches to use multi-angle video and analytics to improve on-court performance

CTech22.08.18

Naver Corporation, the company behind Korean search engine Naver, is investing an unspecified sum in Israeli sports tech company PlaySight Interactive Ltd., PlaySight announced Wednesday.

Naver is also a major Shareholder in LINE. LINE Corporation is based in Japan. It was renamed from NHN Japan Corporation on April 1, 2013, and operates the LINE, NAVER matome, and livedoor web service businesses.

PlaySight develops smart-court technology that enables players and coaches to use multi-angle video and analytics to improve on-court performance. The technology uses multiple HD cameras installed around the court that automatically record, analyze and stream player activity, also making use of sensors worn by the players. PlaySight uses the data to create automatic replays and data-based analysis and evaluation tools. Its platform allows users to review, edit and share both the recorded video and the data.

PlaySight stated it intends to use the funds to expand in the Asia-Pacific region, and specifically in Japan and South Korea.

The company previously raised \$36 million in equity funding from investors including SoftBank Ventures, the investment arm of SoftBank Corporation, and CE Ventures, an Israel-based venture fund backed by Chinese peer-to-peer lending company CreditEase.



"We have been looking for the right content, data and media partner as we continue to add more athletes, teams, and facilities and are excited that Naver believes in our expanding vision," said PlaySight CEO Chen Shachar in a statement.

Anodot Expands in Asia-Pacific-Japan

PRESS RELEASE PR Newswire

Aug. 28, 2018,

[Anodot](#), the autonomous analytics company, today announced a broad strategic push in Asia-Pacific. Anodot opened its APJ Headquarters in Sydney, Australia, and appointed Shyam Sundar as Head of APJ. It has significant market adoption already, including leading Australian customers like [Optus](#) and [Atlassian](#). Anodot is a member of the Amazon Web Services Partner Network (APN), and achieved AWS Machine Learning (ML) Competency status in 2017. This differentiates Anodot as an APN member that has built solutions that help organizations solve their data challenges, enable machine learning and data science workflows or offer SaaS/API based capabilities that enhance end applications with machine intelligence. Attaining the AWS ML Competency demonstrates to customers that Anodot has validated expertise and ML experience on AWS.

Anodot was recently recognized as one of the top three startups at Inside Retail's 2018 Retail Pitchfest and will be presenting at the [Big Data and Analytics Summit](#) in Sydney September 17-18.

Anodot's new offices in Sydney, Australia, will serve as the hub of the company's operations in Asia-Pacific and Japan. Leading this hub and spearheading Anodot's APJ activities is Mr. [Shyam Sundar](#), who brings almost two decades of experience leading hyper-growth, advanced business intelligence, analytics and anomaly detection at companies such as Cloudera, HP Vertica, Sybase and others.

"Anodot has seen exceptional growth over the past year, expanding rapidly throughout the global market," said Sundar. "I am excited and honored to play a key role in this growth, as we continue to strengthen relationships with customers and partners across APJ."

Anodot's patented machine learning and autonomous analytics solution enables analysts to track and correlate massive volumes of business and IT data in real time to identify business incidents



and their root causes immediately. The company's APJ customers deployed on AWS, including [Optus](#) and [Atlassian](#), rely on Anodot's self-service SaaS platform to find revenue, quality and other business risks in real-time and work across teams to uncover blind spots that can damage revenue or reputation. Anodot's collaboration with [AWS](#) also provides new opportunities for customers to innovate using AWS services including Amazon Artificial Intelligence (AI) and Machine Learning (ML), Amazon Kinesis video streaming, and Amazon Redshift, which is a fast, scalable data warehouse that makes it simple and cost-effective to analyze data.

"Australian and Asian enterprises are accelerating their digital transformations, and Anodot's autonomous analytics platform goes far beyond traditional offerings," said Anodot's CEO and Co-Founder David Drai, "We are proud to offer outstanding products and services to customers from San Francisco to Sydney to Stockholm, and everywhere in between."

About Anodot

[Anodot](#) applies AI to deliver autonomous analytics in real-time, across all data types, at enterprise scale. Unlike the manual limitations of traditional BI, we provide analysts mastery over their business with a self-service AI platform that runs continuously to eliminate blind spots, alert critical issues and investigate root causes. Anodot has nearly 100 customers in digital transformation industries like eCommerce, FinTech, AdTech, Telco, Gaming, including Microsoft, Lyft, Waze, Pandora, Appnexus, Wix and King. [Anodot](#) is headquartered in Silicon Valley and Israel, with Sales offices worldwide.

Japan deeply deplores Israeli settlement construction in occupied Palestinian territories

TOKYO, August 28, 2018– The Government of Japan said Tuesday that it "deeply deplores" Israeli plans to construct more than 1000 housing units in the illegal settlements in the occupied West Bank.

It said in a statement by Press Secretary Takeshi Osuga that Israel is continuing its settlement activities despite repeated calls from the international community including Japan for freezing such activities.



"Settlement activities are in violation of international law and Japan has repeatedly called upon the Government of Israel to fully freeze settlement activities," said Takeshi. "The Government of Japan once again strongly urges the Government of Israel to fully freeze its settlements activities including implementing the construction plans that are undermining the viability of a two-state solution."

Japan to approve \$5.4 million UNRWA aid package for Palestinians in Gaza: report

08/28/2018 i24NEWS

Japan is reportedly set to announce that it will provide some \$5.4 million to the United Nations Relief and Works Agency (UNRWA) for Palestinians in Gaza as the organization works to overcome a massive budget deficit prompted by the suspension of United States funding in January.

A report by NHK World, the international broadcasting service of NHK Japan's public broadcaster, said that the aid is expected to be released by the end of this week as UNRWA faces crippling budget shortages following the suspension of US funding earlier this year.

The funds will be used to provide food aid to Palestinians in the Gaza Strip, the report said.

According to the Palestinian Ma'an news agency, UNRWA confirmed the government of Japan's promise of aid, which is expected to be codified at a signing ceremony on Tuesday.

UNRWA, the second biggest employer of the Palestinians in the West Bank and the Gaza Strip after the Palestinian Authorities, was meant to be a temporary body to assist Palestinians fleeing their homes during the war surrounding Israel's establishment.

It has since endured as body with the sole purpose of catering to the needs of Palestinian refugees and the subsequent generations until a political solution to the conflict is reached.

Israel has long criticized the agency's existence, arguing it perpetuates the Israeli-Palestinian conflict by offering refugee status to fourth and fifth generation descendants of legitimate Palestinian refugees



September

OPC signs \$300m deal for Kiryat Gat power station

Globes Sept 6th 2018

Mitsubishi Hitachi Power Systems' US-based unit PW Power Systems will construct the 400-megawatt power station.

OPC Energy (TASE: OPCE), in which Idan Ofer-controlled Kenon Holdings (Nasdaq: KEN) owns a controlling interest, report to the TASE that it had signed a \$300 million agreement for the construction of the Zomet power station near Kiryat Gat. PW Power Systems, a US-based unit of Mitsubishi Hitachi Power Systems, will do the actual construction.

The company decided to proceed with construction of the project despite a recommendation by the Committee for the Reduction of Concentration against granting it the conditional license it requested for producing electricity at the power station. According to OPC's report to the TASE, the order for the work will be placed when financing for the project is closed, which is expected in 2019. Among other things, financial closing depends on obtaining a license and approval by the Committee for the Reduction of Concentration, which is by no means a certainty. Up until the financial closing, PW Power Systems will carry out detailed planning and other deal with other matters necessary for obtaining a building permit.

Under the agreement signed yesterday, PW Power Systems will build the power station and supply both advanced aero engine-derived gas turbines and certain maintenance services for the turbines for the power station. PW Power Systems undertook to complete construction of the power station within two and a half years of the date on which an order for beginning the work is received.

OPC Energy is preparing for construction of a 400-megawatt conventional flexible open cycle power station running on natural gas. The need for a flexible power station of this type increases with a transition to renewable energy. It is believed that the power station will begin operating in 2022.



Compass Is Said to Raise \$400M at \$4.4 Billion Valuation

SOFTBANK Vision Fund and Qatar Investment Authority Lead invest in Israeli originated Company -last round before IPO

(Bloomberg) -- Compass, a real-estate marketplace startup, raised \$400 million in an investment round that will bring the company closer to an eventual initial public offering.

After the investment, the New York-based company will have a \$4.4 billion valuation, a person familiar with the matter said. The financing will help Compass expand its real-estate technology into more cities, including outside the U.S., the firm said in a statement.

The Softbank Vision Fund and Qatar Investment Authority are leading the round, Compass said. The company expects growth in 2018 to double to almost \$1 billion in revenue, according to the person, who asked not to be identified because the information is confidential. Compass makes its money by taking a small cut of each transaction coordinated by its real-estate agents. The company said it's on track to post more than \$34 billion in sales volume this year.

"We will continue to capitalize on our momentum nationally and internationally," said **Ori Allon**, the company's co-founder and executive chairman.

The latest funding brings the total raised by Compass to \$1.2 billion. Besides international expansion, Compass is seeking to enter related businesses beyond property listings, such as mortgage title transfer and moving, CEO Robert Reffkin said in a June interview.

"What books were for Amazon, the brokerage model is for us," Reffkin said at the time.



SoftWheel is Delighted to Announce Investment by Mitsubishi Corporation

September 27, 2018 04:14 AM Eastern Daylight Time

TEL AVIV, Israel--(BUSINESS WIRE)--SoftWheel is excited to announce that Mitsubishi Corporation (TYO:8058), Japan's largest trading and investment company, has joined SoftWheel's latest investment round. Daniel Barel, SoftWheel CEO, said, "We see Mitsubishi Corporation as a strategic investor and we are honored and humbled that a company such as Mitsubishi Corporation believes in us and in our technology."

About SoftWheel:

Established in 2011, SoftWheel is a technology company headquartered in Tel Aviv, Israel.

SoftWheel develops cutting edge systems for the automotive industry, enabling the fusion of the drivetrain, suspension, e-motor, steering, and brakes into the vehicle's wheel. Its innovative technology enables significant reduction in space, weight, and energy consumption of vehicle platforms for EV, hybrid, and autonomous vehicles.

SoftWheel is also active in the personal mobility sector, providing in-wheel technology for wheelchair and bikes. SoftWheel's system reduces pain for wheelchair riders and increases their comfort, significantly improving the daily riding experience.

SoftWheel is active in North America and Europe and is providing its wheelchair technology to American veterans through its partnership with Ki Mobility and to the general U.S. market through Numotion. As medical devices, SoftWheel's wheels, which are clinically proven to provide benefits and are FDA and CE approved, are reimbursed in select global markets.



SecBI Partners With Intelligent Wave Inc. to Bring Autonomous Investigation™ Technology to Japanese Enterprises

Automates threat detection and investigation for security operation centers in Japan

TEL AVIV, Israel, Sept. 5, 2018 /PRNewswire/ -- SecBI, a disruptive player in automated cyber threat detection and investigation, today announced a partnership with Tokyo-based reseller Intelligent Wave Inc. (IWI) to offer SecBI's [Autonomous Investigation™](#) technology to organizations and enterprises throughout Japan. The collaboration answers the need for enterprises to uncover malicious communications within minutes, even for the most sophisticated and stealthy attacks.

[SecBI's Autonomous Investigation](#) technology is based on unsupervised machine learning that analyzes network traffic to automate the detection and investigation of complex and stealthy cybersecurity threats without the need to deploy additional sensors. Its ability to instantly discover and map out the full scope of an attack accelerates and optimizes response and mitigation. Security analysts are presented with complete attack narratives including actionable information, giving them visibility of all users, devices and infection points involved in an attack, with a clear path for remediation.

"The inevitable occurrence of a cyberattack requires every enterprise to defend itself with a multi-level security strategy; therefore, we are pleased to represent SecBI's innovative detection and investigation technology in Japan," said Hiroaki Tezuka, General Manager of Security Solutions Business Division at Intelligent Wave. "As SecBI developed its Autonomous Investigation technology with sophisticated machine learning algorithms, we're confident that our customers will stay ahead of the new wave of cyberattacks and easily defend their digital assets and brand. We are targeting the first year's revenues from the sale of SecBI to enterprise Japanese customers to be two million yen."

"We are very excited to partner with Intelligent Wave to solve the challenges faced by security analysts in Japan. Like analysts the world over, they require better tools to sift through billions of logs, sporadic alerts and anomalies, without drowning in an overabundance of false positives,"



said Doron Davidson, Co-founder and VP of Business Development at SecBI. "We are confident that working with IWI will enable us to penetrate this strategic market. Japanese enterprises have quickly become very cyber defense-aware and appreciate the value of technology that empowers analysts to immediately perform accurate and comprehensive remediation of the most advanced threats."

About SecBI

SecBI has developed a revolutionary approach to network traffic analysis (NTA) to deliver automated threat detection and investigation for security operations centers (SOCs) and managed security service providers (MSSPs). Our value is best understood in contrast to solutions that generate sporadic alerts and anomalies requiring manual correlation and investigation. Our Autonomous Investigation™ technology incorporates machine learning to uncover the full scope on every suspicious incident, including all affected entities within minutes. Without the need to deploy special appliances or agents, the solution can be deployed on premise or in the cloud, and is currently used by financial institutions, telecoms, retailers, and manufacturing enterprises worldwide

About Intelligent Wave Inc.

Intelligent Wave primarily sells software solutions based on in-house developed package software. The main clients are in the financial services industry; core products focus on credit card transaction processing, low-latency secure communications, and data protection. The company's businesses are broadly divided into the two segments: mainstay Financial Systems Solutions and Security Product Solutions.

In the Security Product Solutions segment, Intelligent Wave offers package base systems and technical support services for various industries and sectors, with a focus on in-house package software for internal information security and third-party package software for cybersecurity mainly from Israel. The segment has products including CWAT, an in-house software for internal information security and Traps, CyberArk, illusive networks SecBI and so on, a third-party product for cybersecurity



Perimeter 81 Partners with Treasure Information

Provide Simple Software Defined Network Access to Japanese SMEs

Israel Tel Aviv - August 13, 2018

Perimeter 81, a leading provider of Cloud VPN, Software Defined Perimeter technology, today announced that it has signed a formal partner agreement with **Treasure Information**, a leading Japanese IT sales company, which is MSP for SMEs and SMEs.

Through Takara information sales channels and service infrastructure, the two companies agreed to provide Perimeter 81 's innovative Network as a Service technology to the Japanese market.

"We are confident that we can redefine secure network access for Japan's small and medium-sized enterprises by collaborating with the market leader Treasure Information, committed to the development and growth of the Japanese market," Perimeter 81 founder and CEO Amit Bareket says.

With no hardware required, features such as multi-tenant management platform, single-click application settings, etc. Perimeter 81 easily provides high scalability and cost-effective network security for managed service providers and their users.

The software service of Perimeter 81, whether on-premises or in the cloud, does not require hardware installation or complicated manual setting, it can automatically construct a secure access gateway based on the policy regardless of location, and a solution that is most suitable for the medium- and small-sized enterprise market is.

"The solution of Perimeter 81 that implements a secure environment by encrypting the information flowing on the Internet will be indispensable as an infrastructure for making safer access to Internet access. It is a solution I would like to expand by all means to the role of protecting companies from security damage, "says Mr. Akihiko Takarada, president and CEO of Treasure Information.

"Japan is ahead of the 2019 Rugby World Cup and the Tokyo Olympics in 2020. While the possibility of intense cyber attacks and the possibility of chaotic wild Wi-Fi being increased,



treasure information utilizes Perimeter 81 , I'd like to improve Japan's security level by all means.

"

[Perimeter 81](#) A

Perimeter 81 is a next-generation security provider in the field of Software Defined Network, a mission to realize secure network access to distributed workers today. Today, many security leaders advocate the need to transform legacy VPN technology, Perimeter 81 has rebuilt the solution from the beginning. Features such as user-friendly interface, integrated management, and seamless cooperation with many cloud services will provide mobile and cloud perfect and reliable power to companies of all sizes on all markets.

[Treasure information](#) and is

Treasure information is headquartered in Osaka established in 1995 and is a leading distributor that provides various security solutions from network security to endpoint, mobile and cloud security. In particular, he has served as a Top Distributor of Check Point in the Japanese market for many years. Through many sales agents, integrators and service providers, treasure information provides security solutions and associated services to medium- and small-sized enterprises in Japan

PV Nano Cell and Filgen, Japan Sign a Sales and Marketing Cooperation

MIGDAL HA'EMEK, ISRAEL / ACCESSWIRE / September 12, 2018 / [PV Nano Cell Ltd.](#)

(OTCQB: PNVNF), an innovative producer of single-crystal, metal nano metric based products and conductive digital inks which are also suitable for 3D printing, and Filgen, a leading materials supplier company in Japan, announced they have started a cooperation to distribute and sell PV Nano Cell Sicrys™ inks in Japan. This commercial cooperation is a significant step for PV Nano Cell to expand its presence in Japan.

PV Nano Cell is the developer of the state-of-the-art Sicrys™ conductive inks based on single crystal nano particles of silver and copper.

PV Nano Cell's Chief Executive Officer, Dr. Fernando de la Vega, commented, "We are excited to cooperate with Filgen and introduce our Sicrys™ inks to the Japanese demanding market. The



fact that Filgen, a leading supplier of materials and nano-materials in Japan, has chosen us following a rigorous and comprehensive process is an additional market recognition for our Sicrys™ unique products. This is in continuation to the commercial agreements signed recently with leading companies such as Merck and others to supply commercial quantities of our Sicrys™ products."

About Filgen

Filgen is a Japanese company that supports the development of nanotechnology. Filgen offer research reagents, industrial materials and electron microscope analysis services besides our own brand scientific instruments. Filgen is contributing to the development of next generation technologies such as solar photovoltaics and organic EL by selling a number of cutting edge materials such as carbon nanotubes and quantum dots.

About PV Nano Cell

PV Nano Cell has developed innovative conductive inks for use in printed electronics (PE) applications and solar photovoltaics (PV). PV Nano Cell's Sicrys™ ink family is a single-crystal, nanometric silver conductive ink delivering enhanced performance. Sicrys™ is also available in copper-based form, delivering all of the product's properties and advantages with improved cost efficiency. Sicrys™ silver conductive inks are been implemented in mass production applications and used all over the world in a range of digital printing applications developments, including photovoltaics, printed circuit boards, antennas, sensors, touchscreens and other applications. In addition, PV Nano Cell has expanded its capabilities to include an Integrated prototyping, design and R&D unique printer by the recent acquisition of DigiFlex.

eyeSight's Computer Vision Capabilities Are Now Available in NTT DOCOMO's dtab Compact

HERZELIYA, Israel, September 13, 2018 /PRNewswire/ --

eyeSight Technologies, the leading computer vision company which brings edge-based Computer Vision and AI solutions to IoT devices, has today announced that it has collaborated with NTT DOCOMO, INC., Japan's leading mobile operator with over 76 million subscriptions in Japan. The collaboration brings eyeSight's market-leading sensing capabilities to NTT



DOCOMO's dtab™ Compact d-02K tablet, augmenting the existing interface with natural touch-free interaction capabilities.

eyeSight's technology allows dtab Compact users to enjoy a new level of natural communication with their device in a way that is responsive to their actions. With simple hand movements, users can control different app functions with greater comfort and simplicity. eyeSight's sensing technology utilizes the existing built-in camera of the dtab Compact d-02K tablet to enrich the user experience.

"It's an honor to partner with an innovative leader like NTT DOCOMO to deliver intelligent user experiences that are responsive to users and their needs" said Gideon Shmuel, eyeSight's CEO. "Our computer vision AI enables far more than touch-free interaction, it unlocks a world of personalized experiences with IoT devices and automotive systems that identify users, their actions, and predict their needs. All in a locally-processed manner that is fully private and cloud-free".

"We are delighted to be able to include eyeSight's latest cutting-edge gesture control technology in our tablets," said Seiji Abe, General Manager of NTT DOCOMO's Product Department. "This innovative technology has the potential to change the future of our mobile devices in terms of user experience. We will continue to offer innovative devices that change the way people live and work."

NTT DOCOMO's dtab Compact d-02K tablet features eyeSight's technology in various supported apps and is currently commercially available throughout Japan.

About eyeSight

eyeSight is the leading provider of embedded Computer Vision and AI solutions, bringing user awareness and gesture recognition technologies to a variety of devices and industries. The company's technology improves daily life experiences in the home, the car, and with other consumer electronics using intelligent interactions that are responsive to the presence of users and their actions. With eyeSight's technology devices now "see" and "understand" their users, unlocking a world of enhanced user experiences.

Israeli teens take International Informatics Olympiad by storm

Israeli team wins gold, silver and bronze medals in Tsukuba, Japan,

Noam Dvir and Israel Hayom Sta



Israeli high-school students returned home triumphantly on Wednesday after winning gold, silver and bronze medals at the International Olympiad in Informatics in Tsukuba, Japan, earlier this week.

Nir Shalmon, a 12th-grade student from Ben-Zvi High School in Kiryat Ono, took home a gold medal and finished 14th in the world. The two-day competition in computer programming and problem-solving is structured so that about half the contestants win medals, with about 1 in 12 winning gold.

"I really enjoyed the competition and was very surprised to receive a gold medal," Shalmon said.

"I trained for the competition for three years and expected to get a silver medal. The competition was divided into two days. On the first day, the results were very close, so I was very anxious going in to the second day."

Roe Sinai, an 11th-grader from Lod, won a silver medal. In July, he took home silver from the International Mathematical Olympiad in Romania.

Also in July, members of the [National Physics team won two gold](#) and three silver medals at the 49th International Physics Olympiad in Lisbon, Portugal.

Meanwhile, the National Chemistry team took home a silver and a bronze medal at the International Chemistry Olympiad in Slovakia and the Czech Republic.

This year's International Olympiad in Informatics involved 331 students from 87 countries.

"We received wonderful tidings for the [Jewish] new year. The achievements of the Israeli team are another example of the leap made by Israeli education in the fields of computer science, cyber and high-tech," Education Minister Naftali Bennett said.

"We are putting a primary emphasis on making the technological field accessible and on cultivating young talents who will lead our future generation in the field of computers and high-tech."

The Education Ministry works with the Future Scientists Center to prepare students for the contests, and the Israeli computer science team trained at Tel Aviv University.

Future Scientists Center Chairman Dr. Shimshon Shoshani welcomed the results at the Japan contest as a wonderful way to begin the new Jewish year.

"This is a holiday for Israel and the Israeli computer science team, which represented Israel abroad with great honor. We are immensely proud of our students," he said.



Source Defense Completes \$10M Financing to Prevent Universal Website Supply Chain Vulnerability

AllegisCyber, Jerusalem Venture Partners, Global Brain (Japan) and Connecticut Innovations participate in the financing; Offices open in US and Israel to support go-to-market strategy

ROSH HAAYIN, Israel, Sept. 26, 2018 (GLOBE NEWSWIRE) -- Source Defense, the provider of the first-ever prevention solution for website supply-chain attacks, has closed its Series A funding from AllegisCyber and return investor Jerusalem Venture Partners (JVP), as well as Global Brain and Connecticut Innovations, bringing their total funding to \$10M. The capital will fuel an aggressive go-to-market strategy around the company's unique website security platform, which is the only product capable of stopping the current wave of highly damaging JavaScript-based website card skimming attacks, and other similar hacks.

Recent high-profile attacks - victimizing thousands of websites - have exposed a persistent vulnerability present in almost all websites and across all browsers, stemming from 3rd-party JavaScript and tools the sites rely on for critical analytics, user experience and monetization. When compromised, these vulnerabilities provide attackers with unlimited access to data entered or displayed on the client side of the browser, including payment information as well as business and private data. This represents a major security risk and threatens non-compliance with customer-data privacy regulations, most notably GDPR. Unlike other solutions that can reactively detect breaches, Source Defense's unique real-time, all-the-time proactive prevention solution controls third-party access and enforces access policies to prevent malicious activity before it begins.

"Websites are the front line of the global digital economy and increasingly the focal point of attacks by bad actors. The growing complexity of these commerce platforms and the extensive use of third-party software makes them particularly vulnerable to attack and compromise," said Pete Bodine, Managing Director, AllegisCyber. "The reason we invested in Source Defense is because they move the needle in a meaningful way to lock down these sites and ensure they operate without compromise."

Source Defense provides a fully automated solution that controls the access and permissions of all third parties operating on a website. This ensures compliance with customer data privacy and

eliminates the potential for compromised third-party tools to skim payment information or other valuable data while reducing labor-intensive management through features that include:

- Simple integration - Site owners simply copy and paste Source Defense JavaScript into page headers
- Automatic configuration - Policies are set automatically with no administrator involvement
- Ultra low-touch management - Source Defense prevents attacks while preserving site integrity and performance

“We are glad to welcome additional co-investors Allegis, Global Brain and Connecticut Innovations as backers of Source Defense,” said Yoav Tzruya, General Partner at JVP. “The company is uniquely positioned to not only solve a threat vector that is dramatically under-served in today’s market – attacks through third-party providers – but also provide value in streamlining SecDevOps, enabling better productivity of marketing and technology teams, reducing the impact of bugs and even offering web performance improvements.”

Source Defense has also announced the opening of two new offices: The company’s new US headquarters in Stamford, Connecticut and a second R&D center in Rosh HaAyin, Israel. The company intends to launch an intensive hiring campaign in both locations.

“The promise of Source Defense is not only the prevention of a universal, persistent vulnerability but that we free up organizations to focus on what really matters when it comes to their websites: delivering a superior user experience,” said Hadar Blutrach, Source Defense CEO and Co-Founder. “We’re extremely excited to bring our innovative product to market, and honored to have a global team of world-class cybersecurity investors onboard.”

About Source Defense

Source Defense provides an entirely new and unique solution to prevent website supply chain attacks that existing security controls cannot prevent. Source Defense provides a fully automated and machine-learning assisted set of policies that control the access and permissions of all third parties operating on a website, eliminating the potential for unauthorized behavior. The Source Defense solution unlocks a website's potential by improving user experience and performance while ensuring that third-party tools, which provide rich functionality, may not be leveraged for malicious data extraction or website alteration.



About Global Brain

To contribute to stimulate the Japanese economy, Global Brain supports startups that tackle various problems and create innovation. Our professionals with high achievement and extensive experience discover excellent startups through our multiple global locations and provide growth support through hands-on. The total asset under management is more than 100 billion yen (approx. US\$900M), becoming the largest domestic independent venture capital firm

OrCam My Eye (Okamai Eye), a 20-language compatible AI compact camera favorite by visually impaired people in 30 countries landed in Japan for the first time!

Japan sales office started from September 2018 and sales started! Innovative advanced wearable device applied high tech technology acquired by US - Intel for 15.3 billion dollars finally developed to Japan specification!

[OrCam Technologies Ltd.](#)

September 6, 2018 13: 30

OrCam Technologies Ltd. (Co-Founder and President & CEO: Ziv Aviram, Co-Founder and Co-Founder and Chairman and CTO: Professor Amnon Shashua, hereinafter referred to as "Company") has established a company in Israel in 2010, We have been developing business in 30 countries, but in September 2018 we opened a Japanese sales office. Customers such as visually impaired people and reading difficult people in 30 countries around the world are crowded with AI mini camera "OrCam My Eye" , We are pleased to inform you that the Japanese version of this product has been developed and will be available in Japan from the end of the same month.

Customers can use this product to obtain information through speech against information that was difficult to obtain visually so far, so it is possible to improve lifestyle habits. You can get information from internet sites, newspapers, magazines through voice and enjoy novels. When you go out, you can check the information on the station, signs and information display, or you can check the information on the food display at the supermarket.

Furthermore, by camera shooting of the face of family and friends in advance, it is possible to know the information of the person in front of the eyes by registering the face and smooth commun



ication of people and people more than ever I will. This can also be applied to object information, and by registering the image and name, we inform the things in front of you by voice. Besides, we will inform you of bills, colors, date and time by voice.

These are behaviors which were difficult for customers to do independently, but this product can be useconveniently and safely because it can be used only with glasses, hands-free, and no cable wiring.

"OrCam My Eye (Okamai My Eye)" Outline

1. The camera stores and analyzes the product information character, the face and name of a person registered in advance, things, etc., and communicates by voice. It

is an epoch-

making AI visual aid device equipped with the function to improve the quality of life (QOL) of visually impaired people, which has never been before . The size is about 100 yen lighter and it can be used by wearing it in glasses

crowns, it is easy to carry around anywhere , it is a device that can be used conveniently and safely.

2. Tax excluding reference price

600,000 yen

About OrCam Technologies Ltd.>

Our company was founded in Jerusalem, Israel in 2010. It consists of an enthusiastic customer service team including leaders in the field of computer vision and machine learning, dedicated software, computer, hardware design expert, electric engineer, weak vision impaired, visually impaired , We are working on the development and application of artificial vision that incorporates pioneering technology into a wearable platform that improves the lives of people who are difficult to read or who have a sense of reading fatigue.

Our co-founder is co-founder of Mobileye (Mobile i), which developed "Automatic driving technology to analyze the information reflected on the camera and issue an alarm sound to prevent accidents" , in 2017, Intel Corp. Mitsubishi Fuso and Hino Motors introduced the technology in the same year, in the same year it acquired the company with 15.3 billion dollars (then, approximately 1.7 trillion yen).

OrCam My Eye is an AI device for the visually impaired that was developed using this technology

Sales Office Name: OrCam Japan Sales Office

Representative : Yanagidaira Daisuke

Location: 4-7-3 Tsukiji Tsukiji, Tokyo, Tokyo 6F

Aqua Security Provides Core Security Component for Hitachi Enterprise Cloud Container Platform

Aqua Security expands its Aqua Link Partner Program to include Managed Service Providers delivering protection for cloud-native workloads

BOSTON, Sept. 26, 2018 /PRNewswire/ -- [Aqua Security](#), a leading platform provider for securing container-based and cloud-native applications, today announced Hitachi Vantara has integrated Aqua security capabilities into the Hitachi Enterprise Cloud (HEC) Container Platform. HEC Container Platform delivers a public cloud experience for organizations that use data services, DevOps and microservices architectures on premises in a private or hybrid cloud. Hitachi Vantara selected the Aqua platform in part for its ability to deliver runtime security for multi-tenant cloud Container-as-a-Service environments.

[HEC Container Platform](#) is a fully managed end-to-end solution for deploying data services such as Spark, Kafka, Cassandra, and HDFS. Kubernetes container orchestration is also included out of the box, alongside Docker and the native Marathon orchestrator, to provide customers with simplified single-click deployment of Marathon and Kubernetes. HEC Container Platform users can run containers on demand without having to provision or manage virtual machine instances.

"Integrating the Aqua Solution enables us to deliver a far more comprehensive and granular way of protecting customer data, applications and workloads at every stage of the DevOps process," said John Murphy, vice president of global solutions at Hitachi Vantara. "In addition, Aqua's multi-tenancy solution allows us to automatically segregate customer content and apply policy-based security controls consistently throughout varied environments. Aqua helps us provide a hassle-free experience for our customers to move and securely manage their workloads in the HEC Container Platform environment."



"We're excited to partner with Hitachi in enabling organizations to leverage the advantages that containers and cloud-native environments present, without having to manage complex infrastructure or worry about securing these environments," said Upesh Patel, VP Business Development at Aqua. "Together with Aqua Link partners, we are committed to incorporating security best practices throughout the container environments, delivering the best available defense against cyber threats, and bridging the gap between DevOps and IT security."

Aqua Link Partner Program Expands To Include MSPs

As a leader in container and cloud-native application security, Aqua works closely with global partners who understand the importance of securing and monitoring containerized applications and strive to enhance their solutions portfolio with enterprise-grade technology. The Aqua Link Partner Program spans a broad spectrum of partnership models, including Technology Alliance Partners with integrated offerings in the cloud-native stack, Solutions Providers that offer Aqua products and deliver technical services to deploy and manage Aqua in customer environments, and System Integrators & Consultants with expertise and trained staff worldwide to support Aqua implementations.

By introducing support for managing multi-tenant environments, with the required segregation of policies, enforcement, monitoring and reporting, Aqua is uniquely positioned to deliver deeply integrated solutions through Managed Service Providers such as Hitachi Vantara.

About Aqua Security

Aqua Security enables enterprises to secure their container and cloud-native applications from development to production, accelerating application deployment and bridging the gap between DevOps and IT security. Aqua's Container Security Platform provides full visibility into container activity, allowing organizations to detect and prevent suspicious activity and attacks in real time. Integrated with container lifecycle and orchestration tools, the Aqua platform provides transparent, automated security while helping to enforce policy and simplify regulatory compliance. Aqua was founded in 2015 and is backed by Lightspeed Venture Partners, Microsoft Ventures, TLV Partners, and IT security leaders, and is based in Israel and Boston, MA.



Japan mulling GSDF dispatch to multinational force in Sinai

THE ASAHI SHIMBUN
September 18, 2018 at 17:25 JST

Japan is gearing up to dispatch two senior officers of the Ground Self-Defense Force to a multinational peacekeeping mission in the Sinai Peninsula under national security laws that expand the scope of Japanese troop activities overseas, government sources said.

The dispatch to the Multinational Force and Observers (MFO) would mark the first overseas operation not under the direct command of the United Nations under the legislation enacted in 2015.

It is intended to help monitor the 1979 peace treaty between Egypt and Israel in the demilitarized Sinai Peninsula in eastern Egypt.

Egypt and Israel concluded the peace treaty after the Arab-Israeli War. The MFO was established based on a protocol attached to the treaty.

The multinational force is tasked with maintaining peace along the border between Egypt and Israel and ensuring that the two countries abide by the truce.

The MFO is headquartered in Italy and operates from two bases in the northern and southern Sinai Peninsula. Its force comprised 1,160 members as of 2017. The United States and Britain are among countries that have dispatched troops.

Japanese officials cited "international cooperation activities for peace and safety," which allows Tokyo to expand the scope of troop activity under the national security legislation.

This enables it to dispatch SDF personnel on international missions similar to United Nations peacekeeping operations.

SDF members are empowered to monitor truce obligations, rescue people affected by military conflict and help secure the safety of residents in such situations, using their weapons if necessary.

Provisions in the legislation allow the government to dispatch SDF members for a new overseas peacekeeping mission only when the conflict area meets "five principles" for such activities, including having a cease-fire agreement in place.



According to the sources, the dispatch of two GSDF members to the Sinai Peninsula will be overseen by the National Security Secretariat and the Cabinet Office's Secretariat of the International Peace Cooperation Headquarters.

In August, officials from those two organizations, as well as the Foreign and Defense ministries, visited the Sinai Peninsula for an on-the-spot assessment, and reported to the prime minister's office that the security situation there meets the terms of the five principles.

The government is considering dispatching two field officers, most likely of the rank of lieutenant colonel or major, to the two command centers instead of sending a GSDF unit.

The last GSDF overseas mission was to South Sudan to take part in U.N. PKO activities. It wound up in May 2017.

Since then, the Abe administration, as part of its policy of "positive pacifism," has been eager to dispatch SDF members to a different country.

Constitutional restraints that prohibit Japan from waging war mean that Japanese troops can only use their weapons in self-defense.

This restriction, coupled with the five principles that govern overseas troop dispatches, has made it more difficult for the Japanese government to find a country that meets these conditions as U.N. PKO activities allow participants to use their weapons beyond the realm of self-defense.

The conditions prevailing in the Sinai Peninsula allowed the government to consider sending a mission.

Given that a new framework to send SDF personnel overseas has been established under the national security legislation, government officials were keen to take advantage of it.

But a government official added this caveat that Japan intends only to produce a "visible achievement" through the dispatch.



Japan-Jordan Foreign Minister's Meeting

September 25, 2018

On September 25, commencing at 6:15 p.m. for approximately 45 minutes, Mr. Taro Kono, Minister for Foreign Affairs held a bilateral meeting with H.E. Mr. Ayman Safadi, Minister of Foreign Affairs and Expatriates of the Hashemite Kingdom of Jordan on the margin of the 73rd United Nations General Assembly in New York. The overview of the meeting is as follows:

1. In the beginning, Minister Kono said that he was delightful to meet Minister Safadi for the fifth time during a year. Minister Kono stressed that Japan would continuously support Jordan, which plays a major role for the peace and stability in the region. In return, Minister Safadi mentioned that he would continue to work on strengthening the Japan-Jordan relations through high level visits, touching upon latest development of the bilateral relationship. Minister Safadi also explained about Jordan's strong commitment to reforming internal financial situation.
2. Minister Safadi welcomed Minister Kono's participation as co-chair in Ministerial Meeting in Support of UNRWA which is to be held on 27 of September, mentioning that this adds values to the meeting. In response, Minister Kono told him that it is a great honour to be the co-chair for the meeting. Two ministers exchanged their views on supporting UNRWA which faces difficult situation, and shared the idea to continue working closely with each other, including at the Ministerial Meeting.
3. The two ministers also exchanged their views on situation in the Middle East, including Middle East Peace Process, Syria and Iraq. They confirmed to continue to keep in touch



October

JAPAN'S AMBASSADOR PRESENT CREDENTIALS TO RIVLIN

On October 25th, Ambassador Koichi Aiboshi presented to H.E. Mr. Reuven (Ruvi) Rivlin, President of the State of Israel, the Letter of Credence as Ambassador Extraordinary and Plenipotentiary of Japan to the State of Israel, at the President's official residence.

After the presentation of the Letter, H.E. President Rivlin and Ambassador Aiboshi exchanged views to further develop the relationship between the two countries.

President Rivlin was full of praise for Japan's role in the region. Many people try to bring the Israel-Palestine agenda to matters that cannot be resolved without confidence building, he said. But Japan, through the agro-technological park that it built in Jericho, has brought together Israel, Jordan and the Palestinians in an example of what can be done to promote mutual understanding.

Ambassador Aiboshi for his part was appreciative of Israel's cooperation in Japan's endeavors.

First Joint Foreign Affairs and Security Consultation between Japan and Israel (Pol-Mil Dialogue)

1. On October 9, 2018, the first politico-military dialogue was held between Japan and Israel (Pol-Mil Dialogue).
2. On the Japanese side, the dialogue was attended by the Director General of the Middle Eastern and African Affairs Bureau of the Ministry of Foreign Affairs, **Mr. Hiroshi Oka**; the Director General for International Affairs of the Bureau of Defense Policy in the Ministry of Defense, **Mr. Hideo Suzuki**; and officials from the Ministry of Foreign Affairs, Ministry of Defense and the National Security Secretariat. On the Israeli side, the dialogue was attended by the Deputy Head of the National Security Council (NSC), **Mr. Eytan Ben-David**; the Head of the



Political-Military Bureau in the Ministry of Defense, **Mr. Zohar Palti**; the Head of the Political Affairs Directorate in the Ministry of Foreign Affairs, **Amb. Alon Ushpiz**; and officials from the Ministry of Foreign Affairs, Ministry of Defense and NSC.

3. The dialogue was decided to be established at the summit between Prime Minister Abe and Israeli Prime Minister Benjamin Netanyahu during Prime Minister Abe's visit to Israel on May 2, 2018.

4. The meeting dealt with a wide range of issues, including regional situations and security issues

SoftBank leads \$35M investment in sports engagement startup Heed

2 Oct, 2018 [Tal Shahaf](#)

HEED uses AI to identify a game's most exciting moments and IoT-based data analytics to generate exclusive new insights.

Israeli sports AI platform [HEED Technology Ltd.](#) today announced a \$35 million financing round led by SoftBank Group International. The investment will boost HEED's expansion as it partners with sports clubs and leagues around the world to create deeper connections with mobile fans.

With offices in Herzliya, Israel and New York, HEED was co-founded by AGT International and Endeavor. The company uses AI to identify a game's most exciting moments and IoT-based data analytics to generate groundbreaking exclusive new insights and automatically deliver them in near real-time to fans' mobile devices.

Beyond analyzing the physical elements of a sporting event, HEED goes even deeper to unlock the emotional and behavioral realities of live sports events. This investment represents a major milestone for HEED, as it extends the development of its platform to create exciting new experiences connecting fans to the best moments in soccer, MMA, basketball and other sports categories.

HEED cofounder and owner of AGT International Mati Kochavi said, "Technology has evolved tremendously in interpreting the physical world. HEED is harnessing this to create a new sports



fan experience. This was the driving force behind our vision - to create a platform that uses AI and IoT to deliver the best and exclusive sports moments in near real time."

HEED CEO Danna Rabin said, "At HEED, we see a world in which live events become global digital experiences, spectators become participants, and stats become stories. The platform we've built provides league and team partners with an innovative way to grow their fan-bases across different geographies, demographics and sports categories and engage with them in a different way. This investment is an exciting step forward for us as we transform the future of sports for our partners and their global fans."

SoftBank Group International president and CFO Alok Sama said, "By leveraging AI and IoT, HEED has developed a unique platform that is changing the way fans watch and interact with sports. HEED is taking a traditionally static experience and providing fans with deeper insights into the physical and emotional aspects of the sporting event by gathering and analyzing large, complex data in real time. We are excited to partner with Mati and the team as they continue developing and enhancing this revolutionary technology."

Mitsubishi UFJ Capital VC joins investment in Automotive start-up Vayavision

Tech.EU October 16th, 2018

Tel Aviv-based startup [VAYAVISION](#) that works on raw data fusion and perception systems for self-driving vehicles has landed an \$8 million funding round led by Viola Ventures, Mizmaa Ventures, and OurCrowd with strategic investment from Mitsubishi UFJ Capital and LG Electronics. The company is planning to use the capital injection for marketing efforts and focus on building partnerships across the world.

VAYAVISION specialises in combining the environment data received by the self-driving car from different sources — such as LiDAR, radar, and camera — to create a comprehensive model of what's going on around the vehicle. The approach is supposedly superior to what used to be done by the car manufacturers before.

"Most current generation autonomous driving solutions are based on 'Object Fusion' architecture, in which each sensor registers an independent object, and then must reconcile which data is



correct,” said Youval Nehmadi, CTO and co-founder of VAYAVISION. “This provides inaccurate detections and results in a high rate of false alarms. The industry has recognized that to reach the required levels of safety, more advanced perception paradigms are needed – such as raw data fusion.”

Announcement Of Basic Agreement On The Conclusion Of An Exclusive Sales Agreement For Thoracic Stent Grafts (133KB)

September 28, 2018

Japan Lifeline Co., Ltd. ("JLL") today announced that JLL and **Endospan Ltd.** ("Endospan") have reached a basic agreement on the conclusion of an exclusive sales agreement in Japan for the Nexus aortic arch system, Endospan's branched thoracic stent graft used for the treatment of aortic arch disease. The exclusive sales agreement is scheduled to be concluded in October this year.

For the treatment of aneurysm of aortic arch, it is mandatory to secure blood flow to the carotid artery and subclavian artery, which connect to the aortic arch. Yet, the current catheter-based endovascular treatments presents challenges, and treatment options are limited to highly invasive open repair (sternotomy).

Nexus is a thoracic stent graft system designed to treat aortic arch disease. It has a branch to be deployed in the brachiocephalic artery, thereby widely covering the aortic arch. The most important feature of this product is a design that the branch to be placed in the brachiocephalic artery is part of the main body of the stent graft. This structure allows: easier manual procedure than the conventional method of connecting the branch from the carotid artery to the main body of the stent graft; minimum intervention to blood vessels; and control of dislodging of the thrombus. Thus, the product is expected to reduce the risk of cerebral infarctions.

Endospan has already filed the approval application of Nexus for CE mark and been preparing to expand its sales in Europe. Since the introduction of Nexus into Japan may require clinical trials, JLL expects the product to be marketed in Japan in 2023.

Currently, there are no branched thoracic stent grafts marketed in Japan for the treatment of aortic arch disease. JLL hopes to provide a new treatment option for aortic arch disease with early introduction of Nexus with competitive edge, while at the same time, gaining a market share of the medical device in the thoracic area.



JLL will continue to introduce excellent overseas products in Japan, and is committed to provide excellent medical devices to patients and healthcare professionals by developing its own products that promptly and properly reflect the needs of the medical field.

JLL expects that the conclusion of this exclusive sales agreement will not have a significant effect on the financial results for the Fiscal Year Ending March 31, 2019. Also, JLL will work to find out the mid-term effect on the financial results for the following fiscal years ahead and swiftly disclose any matters that might arise and should be disclosed.

END

Branched Thoracic Stent Graft System "Nexus"

About Endospan

Endospan Ltd., a private company headquartered in Herzliya, Israel, has advanced technology for endovascular treatment of aortic arch disease. Nexus, a thoracic stent graft system developed by Endospan, is a medical device specialized in the treatment of aortic arch disease. It provides minimally invasive endovascular treatment options that may replace the conventional highly invasive treatments, including open repair

Japan's NEC and Tel Aviv University Launch Second Cohort of Cyber Incubator

The first cohort graduated in June, with all five participants raising seed and three launching international pilots

Lilach Baumer12:0607.10.18

Japanese information technology provider NEC Corporation and Tel Aviv University have announced on Sunday a second cohort for their joined early-stage cyber accelerator, AlphaC. Six startups will be chosen for the three-month program after a selection process that will take place in the upcoming month, with the focus being on cybersecurity and physical artificial intelligence solutions for public safety applications.

The first cohort was launched in February 2018 with five companies, offering business and technological mentoring, workspace near campus, access to university resources and an opportunity to create industry connections. The second cohort will also collaborate with NEC's Israeli innovation center. The program is managed by TAU Ventures, a venture capital fund created by the university in the past year, with direct involvement from NEC.



According to the university, all five participants of the first cohort raised seed following the program, which ended in June. Three of the companies— Forcenock Security Ltd., Caligo Systems Ltd., and Intelici Cyber Defense System Ltd.—also launched pilots with international companies

The management of Internet Research Institute (IRI) opened the trading on TASE

Date 10/10/2018

The management of Internet Research Institute (IRI) opened the trading on TASE this morning (8 October) on the occasion of its IPO on the Tel-Aviv Stock Exchange (TASE). The company is a holdings company engaged in Internet-related technologies through its subsidiary IRI Japan and the latter's three subsidiaries, and focuses on IOT (Internet of Things), cybersecurity, and AI (Artificial Intelligence). The company's operation includes consulting, research, tech event organizing and investment in startups. On October 4, 2018, the company's shares joined the TA-AllShare Index, the TA-Growth Index, the TA-Global BlueTech Index and the TA-Technology Index.

Dr. Hiroshi Fujiwara, IRI's President and CEO: "Many thanks for TASE's considerable efforts and congratulations on marking the 70th anniversary of the State of Israel. I have the greatest respect for Israel and consider it an honor to be making the IPO of the company's shares on TASE and thus I am proud to be here in person. It is our desire to build a bridge between Japan and Israel and, on arriving in Israel yesterday, the first thing I did was to visit the Yad Vashem World Holocaust Remembrance Center in order to gain an insight into the History and culture of the state of Israel. This IPO is but a starting point for us here in Israel".

Drorit Vilnai, Listings Unit Manager at TASE's Economics Department: "IRI raised NIS 20.3 million last August and joined the equity market as the ninth new company to issue shares on TASE in 2018. In aggregate, these companies have raised NIS 1.7 billion with a market cap of NIS 7 billion. Israel as a startup nation has access to one of the world's largest populations of technology startups, which has aroused the interest of the Asian market in the Israeli market and in the high-tech sector. This has led TASE, in the last few months, to sign a cooperation agreement with the Singapore Stock Exchange to establish dual capital raising opportunities for Israeli technology companies".



SolidRun and PicoCELA Form Partnership Launching the PCWL-0400 Wireless Edge Computer to Global Market

PicoCELA in cooperation with SolidRun has developed the new seamless WiFi edge platform PCWL-0400. Partnership between the two companies will increase the market for this unique solution.

TOKYO, Oct. 16, 2018 /PRNewswire/ -- In this joint press release, PicoCELA corporation (Head office: Chuo-ku, Tokyo, President: Hiroshi Furukawa) developer of wireless backhaul technology, and SolidRun Ltd. (Head office: Yokne'am Illit, Israel) developer of embedded solutions and edge systems, jointly announce their cooperation in global marketing and distribution of the co-developed PCWL-0400.

Recently announced, [PicoCELA's PCWL-0400](#) is a high-performance edge computer with enterprise wireless LAN and multi-hop back-haul functionality. It is positioned to simplify large wireless networks, reduce operating costs by over 70%, allow for added edge processing abilities, and provide users with seamless transition between nodes. The new system will provide stabilized broadband transmission and lower latency by establishing a wireless frame autonomic transfer network, based on the PCWL-0400 unique edge gateway platform.

The new gateway platform at the center of PicoCELA's innovative network was developed based on SolidRun's ClearFog GT networking platform, harnessing a [Marvell ARMADA A388](#) dual-core ARM Cortex A9 processor. SolidRun will support global marketing and sales outside Japan and will offer the technology to its tier 1 IoT and industrial distributor and customer base.

"PicoCELA has released PCWL-0400 to the global market in cooperation with SolidRun," says Dr. Hiroshi Furukawa, CEO of PicoCELA. "SolidRun is a highly advanced Israeli venture company, who is establishing a distinctive position in the edge computing market. PicoCELA's cooperation with SolidRun is running the top of the cases of ones between Japanese and Israeli venture companies. PicoCELA will strengthen the relationships more and enhance the collaboration."



"We are very proud of our collaboration with PicoCELA," states SolidRun CEO, Dr. Atai Ziv. "PicoCELA's disruptive solution will change wireless networking in three main domains: Outdoor WiFi, 5G and IoT networking. This type of solution can complement our portfolio offering for leading OEM's."

About SolidRun

SolidRun is a global leading developer and manufacturer of powerful energy efficient System on Modules (SOMs), Single Board Computers (SBCs), Industrial PCs, edge devices and embedded systems. SolidRun's innovative compact embedded solutions are based on ARM and x86 architecture and combine hardware, comprehensive software packages, drivers and an ecosystem of partnerships aimed at simplifying application development while overcoming deployment challenges in a range of sectors.

About PicoCELA

Since its founding in 2008, PicoCELA works on developing the best wireless backhaul technology in the world. The technology uses a unique protocol suite based on dynamic tree routing control method and wireless frame transfer technology to suppress radio wave interference, and it is protected by more than 20 registered patents worldwide. Even in multi-stage wireless relay environments of 10 stages or more, low latency and broadband transmission are stable. With over 100 sites in Japan and more than 3,000 installed units, we have contributed to cost reductions of more than 70%, including relay hub and construction expenses, due to the reduction in cable installation at many installation sites.



Japanese insurance firm Sompo to invest in Israeli startups

Japanese Insurance Company Sompo Opens Tel Aviv Innovation Hub

JERUSALEM (Reuters) - Sompo Japan Nipponkoa Insurance Inc [SJII.UL] said on Sunday it was expanding into Israel with the launch of an innovation lab that will focus on investments in technology startups.

The Israeli hub, which will invest in startups in the fields of insurance technology, mobility, health, eldercare, homecare, remote medical care, blockchain, internet of things and cyber, will be Sompo's third after Tokyo and Silicon Valley.

Sompo, a core unit of **Sompo Holdings Inc** ([8630.T](#)), did not disclose financial details.

It said its Israeli office will seek out potential startups in which to invest, while also focusing on collaborations for new products for the Japanese and global markets. It also aims to promote partnerships with academic institutions.

Investments in Israeli startups will be done directly by Sompo, at sums of at least \$5 million, or through a corporate capital venture established jointly by Sompo and U.S. venture capital firm TransLink Capital for investments of \$1-\$5 million.

"Israelis are good at bringing a company from one to 100. The Japanese know how to push it from 100 to one million," Koichi Narasaki, chief digital officer and managing executive officer at Sompo

In a recent interview with Calcalist, Yinnon Dolev, who will head Sompo's local activity, said the company seeks technologies that will help it improve its insurance products, and complement its current offerings, like sensing technologies and safety products. Sompo will also look to diversify beyond insurance technology, said Dolev, who comes to the company after leading GE's startup program in Israel.

The Tel Aviv hub, Sompo's third digital innovation center after Tokyo and the Silicon Valley, will initially employ eight people.

Sompo plans to invest in one to three firms in the first year and create collaborations with five to 10 companies.



November

Israel, Japan sign cybersecurity cooperation accord

Memorandum of understanding says the two nations will share research and development, information and training programs

Times of Israel 29 November 2018

Israel and Japan have signed an accord to cooperate in research and development, information exchange, and training programs in the field of cybersecurity.

The memorandum of understanding was signed in Tokyo at a cybersecurity conference by the head of Israel's national cyber directorate Yigal Unna and Israel's ambassador to Japan, Yaffa Ben-Ari, with Minister of the Interior and Communications of Japan (MIC) Masatoshi Ishida.

The Japanese Ministry of Communications and Interior is responsible for cybersecurity in telecommunications and the internet of things (IoT), and for setting up Japan's cybersecurity system

Medi-tate raises \$20m from Japanese co Olympus

4 Nov, 2018 Globes

Medi-tate has developed a product for treatment of benign prostate tumors.

Xenia Venture Capital (TASE: XENA) today announced that Medi-tate had raised \$20 million from Japanese medical devices company Olympus. Xenia holds 14% of Medi-tate. Xenia's share price leaped 28% following the announcement, pushing its market cap up to NIS 59 million.



Medi-tate is a medical devices company that has developed a product for treatment of benign prostate tumors. This product has been approved for marketing in Europe. The product shrinks the tumors in a minimally invasive way, without surgery and with less damage to healthy tissue surrounding the tumor. The company says that use of its product therefore incurs less risk of impotence and loss of urinary control. To date, Medi-tate has carried out one small clinical trial that confirmed its claims.

Under the new agreement, Olympus also obtained Medi-tate's distribution rights in Japan and an option to acquire the company. Xenia reported that, following the current agreement, its assets would increase by NIS 5 million and would increase by NIS 90 million more if Olympus were to acquire Medi-tate. It therefore follows that if an exit takes place, Xenia's proceeds will total NIS 100 million.

In 2016, Xenia reported that Medi-tate had raised \$4 million from a medical devices company at a \$50 million company value, after money, and that the investor had obtained an option to acquire Medi-tate as a company value of \$100-200 million.

The controlling shareholder in Xenia is Centaurus Investments with a 55% stake. Centaurus is fully owned by a family trusteeship of UK businessperson Vincent Tchenguiz, who has invested a great deal in Israel in recent years.

Xenia holds a 50% share in VLX, a Jerusalem technology incubator supported by the Israel Innovation Authority. In addition to Medi-tate, Xenia has holdings in companies such as PolyPid, a company developing methods of delivering drugs to their targets that tried to hold an IPO on Nasdaq this year, but has not yet managed to do so; KeepMed, a company for treatment of sleep apnea that recently raised \$3 million; video games company Playcast; VOD media company Saguna; and others.

Medi-tate was represented by Atir Jaffe, Yael Shimon-Many and Shine Shaham from Pearl Cohen Zedek Latzer Baratz law firm

Medi-tate was introduced to Olympus, back in June 2017 By Harel-Hertz Investments House.



Harel-Hertz gives Technology Scouting Services to Olympus Corp

Precision farming startup Taranis gets \$20M Series B for its crop-monitoring tech

Sumitomo corp Europe joins as new investor

TechCrunch 6/11/2018

Taranis, an ag-tech startup that uses aerial scouting and deep learning to identify potential crop issues, announced today that it has raised a \$20 million Series B led by Viola Ventures. Existing investors Nutrien (one of the world's largest fertilizer producers), Wilbur-Ellis venture capital arm Cavallo Ventures and Sumitomo Corporation Europe also participated.

Tel Aviv-based **Taranis** says its aerial imaging technology, carried on high-speed drones or manned aircraft, is currently used by farms in Argentina, Brazil, Russia, Ukraine and the United States. It plans to expand into more countries with this round of funding, including Australia.

Founded in 2015 by Ofir Schlam, Asaf Horvitz, Eli Bukchin and Ayal Karmi to increase food production, Taranis' software targets commodity crops like corn, cotton, wheat, soybean, sugarcane and potatoes. It identifies potential crop issues, including insect damage, nutrient deficiencies and diseases, and provides farmers with magnified, high-resolution images that are detailed enough to (for example) let them see what bugs are eating their plants.

In a press statement, Viola Ventures partner Zvika Orron said "After analyzing the digital farming industry, we proudly chose Taranis to be our first investment in this space. Taranis has all the necessary ingredients to become the leader in farm digitalization: a comprehensive precision agriculture solution, leading industry partners to scale and penetrate the market and a passionate team making it all happen."

Traditional crop monitoring is labor-intensive and not always accurate, even with the use of sensors to track soil quality, fertilizer levels, insects and other issues. Other venture capital-backed startups using computer vision and AI-based technology to make the process more efficient (a growing field referred to as "precision farming") include [Prospera](#), which is also based in Tel Aviv, [Arable](#) and [Ceres Imaging](#).



Announcement of Basic Agreement on the Conclusion of an Exclusive Sales Agreement for Thoracic Stent Grafts

Japan Lifeline Co., Ltd. (“JLL”) today announced that JLL and **Endospan Ltd.** (“Endospan”) have reached a basic agreement on the conclusion of an exclusive sales agreement in Japan for the Nexus aortic arch system, Endospan’s branched thoracic stent graft used for the treatment of aortic arch disease. The exclusive sales agreement is scheduled to be concluded in October this year.

For the treatment of aneurysm of aortic arch, it is mandatory to secure blood flow to the carotid artery and subclavian artery, which connect to the aortic arch. Yet, the current catheter-based endovascular treatments presents challenges, and treatment options are limited to highly invasive open repair (sternotomy).

Nexus is a thoracic stent graft system designed to treat aortic arch disease. It has a branch to be deployed in the brachiocephalic artery, thereby widely covering the aortic arch. The most important feature of this product is a design that the branch to be placed in the brachiocephalic artery is part of the main body of the stent graft. This structure allows: easier manual procedure than the conventional method of connecting the branch from the carotid artery to the main body of the stent graft; minimum intervention to blood vessels; and control of dislodging of the thrombus. Thus, the product is expected to reduce the risk of cerebral infarctions.

Endospan has already filed the approval application of Nexus for CE mark and been preparing to expand its sales in Europe. Since the introduction of Nexus into Japan may require clinical trials, JLL expects the product to be marketed in Japan in 2023. Currently, there are no branched thoracic stent grafts marketed in Japan for the treatment of aortic arch disease.

JLL hopes to provide a new treatment option for aortic arch disease with early introduction of Nexus with competitive edge, while at the same time, gaining a market share of the medical device in the thoracic area.

JLL will continue to introduce excellent overseas products in Japan, and is committed to provide excellent medical devices to patients and healthcare professionals by developing its own products that promptly and properly reflect the needs of the medical field.

JLL expects that the conclusion of this exclusive sales agreement will not have a significant effect on the financial results for the Fiscal Year Ending March 31, 2019. Also, JLL will work to find out



the mid-term effect on the financial results for the following fiscal years ahead and swiftly disclose any matters that might arise and should be disclosed.

About Endospan

Endospan Ltd., a private company headquartered in Herzliya, Israel, has advanced technology for endovascular treatment of aortic arch disease. Nexus, a thoracic stent graft system developed by Endospan, is a medical device specialized in the treatment of aortic arch disease. It provides minimally invasive endovascular treatment options that may replace the conventional highly invasive treatments, including open repair.

Harmonic Enables SKY Perfect JSAT to Deliver a World-Class Video Experience

Monday, November 12, 2018

Leveraging Harmonic's Software-Based Solutions, SKY Perfect JSAT Deploys Cutting-Edge UHD and HD Services With Unprecedented Operational Efficiency

SAN JOSE, Calif. — Nov. 12, 2018 — Harmonic (NASDAQ: HLIT) today announced that SKY Perfect JSAT Corporation (SJC), a leading multi-channel pay TV platform operator in Japan, is upgrading its DTH headend to support HD and UHD delivery using an IP-based video and stream processing solution from Harmonic. SJC has also deployed an integrated playout solution from Harmonic to simplify the delivery of HD channels. Harmonic's solutions rely on software-based and intelligent function integration to enable seamless channel expansion, increase cost savings and deliver exceptional video quality to SKY PerfecTV! subscribers at low bitrates.

"As the only multi-channel pay TV platform operator covering Japan, we have millions of subscribers counting on us to deliver a world-class entertainment experience," said Shuhei Yamaura, managing executive officer, broadcasting engineering group at SJC. "Harmonic has been a long-standing technology partner in helping us transition to software-based systems and an industry frontrunner in delivering HD and UHD channels. As we unleash over 180 HD and six UHD channels for MPEG-2, H.264 and HEVC distribution, Harmonic's video platforms will provide exceptional efficiency through software and intelligent function collapse."



SJC is using Harmonic's Electra® video processing and ProStream® X stream processing solutions to ensure optimal HD and UHD video quality, as well as bandwidth efficiency for their new DTH headend. The Electra and ProStream X platform increases SJC's operational efficiencies and cost savings via the use of COTS servers.

Harmonic's market-leading Spectrum™ X media server features channel-in-a-box capabilities that allow SKY PerfectTV! to deliver a rich on-air presentation to subscribers. By reducing the number of individual components required to air fully branded channels, Harmonic's integrated playout solution decreases equipment, maintenance and power costs.

"We are proud to launch UHD channels at SKY PerfectTV! in Japan, where UHD is at the forefront and leading higher resolution video experiences around the world," said Shahar Bar, senior vice president, corporate development at Harmonic. "SJC chose Harmonic for this upgrade based on our proven track record in helping operators around the globe transition their video processing infrastructure towards software-based technologies while maintaining the highest standard of quality and reliability."

About Harmonic

Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery technology and services, enables media companies and service providers to deliver ultra-high-quality broadcast and OTT video services to consumers globally. The company has also revolutionized cable access networking via the industry's first virtualized cable access solution, enabling cable operators to more flexibly deploy gigabit internet service to consumers' homes and mobile devices. Whether simplifying OTT video delivery via innovative cloud and SaaS technologies, or powering the delivery of gigabit internet cable services, Harmonic is changing the way media companies and service providers monetize live and VOD content on every screen.



SKY Perfect JSAT Awards Gilat Contract for Broadband in Japan

PETAH TIKVA, Israel, Nov. 5, 2018 /PRNewswire/ --Gilat Satellite Networks Ltd.

(NASDAQ: [GILT](#)) (TASE: GILT), a worldwide leader in satellite networking technology, solutions and services, announced today that SKY Perfect JSAT Corporation (JSAT) awarded Gilat a multi-million US dollar project for its new mobility and fixed broadband service in Japan. The new set of services enabled by Gilat will support JSAT's growth plans.

Incorporating multiple applications over a single network, the project is based on Gilat's SkyEdge II-c, which provides a single platform for a variety of fixed and mobility services and will provide new levels of speeds and performance. The solution also incorporates redundant primary and secondary sites to deliver the high availability and reliability necessary for critical needs. Multiple use cases are supported including services for government, utilities, banks and hospitals, as well as broadband connectivity for several mobility applications such as emergency response vehicles and on-the-move news and media cars.

"Our strategic partnership with JSAT is a testament to our joint commitment to enable new and improved services including disaster recovery, to address the challenges in Japan, for the benefit of the Japanese people," said Abhay Kumar, Regional Vice President Asia and North America.

"With our multi-application single platform, JSAT will be able to support their growth plans to deliver plentiful, quality and affordable satellite-based broadband communication to their fixed and mobility customers across Japan."

About SKY Perfect JSAT

SKY Perfect JSAT Corporation is a leader in the converging fields of broadcasting and communications. It is Asia's largest satellite operator with a fleet of 18 satellites, and Japan's only provider of both multi-channel pay TV broadcasting and satellite communications services. SKY Perfect JSAT delivers a broad range of entertainment through the SKY PerfecTV! platform, the most extensive in Japan with a total of 3 million subscribers. In addition, SKY Perfect JSAT's satellite communications services, which cover Japan and the rest of Asia, as well as Oceania, Russia, Middle East, Hawaii and North America, play a vital role in supporting safety,



security and convenience for society as a whole. For more information, please visit www.sptvjsat.com/en/ and www.jsat.net/en/.

About Gilat

Gilat Satellite Networks Ltd. (NASDAQ: [GILT](#), TASE: GILT) is a leading global provider of satellite-based broadband communications. With 30 years of experience, we design and manufacture cutting-edge ground segment equipment, and provide comprehensive solutions and end-to-end services, powered by our innovative technology. Delivering high value competitive solutions, our portfolio comprises of a cloud based VSAT network platform, high-speed modems, high performance on-the-move antennas and high efficiency, high power Solid State Amplifiers (SSPA) and Block Upconverters (BUC).

Gilat's comprehensive solutions support multiple applications with a full portfolio of products to address key applications including broadband access, cellular backhaul, enterprise, in-flight connectivity, maritime, trains, defense and public safety, all while meeting the most stringent service level requirements. Gilat controlling shareholders are the FIMI Private Equity Funds.

DensBits Enters Licensing Agreement with Toshiba

POSTED ON [SEPTEMBER 10, 2018](#)

DensBits Technologies Ltd, the inventor of the world's first Memory Modem™, has announced today that it has entered into a licensing agreement with Toshiba Corporation, a world leader and inventor of NAND Flash memory.

Under the agreement, Toshiba is granted a license to DensBits' advanced Flash controller technology, Memory Modem™, to be used in the development of low-cost, high-performance, high-reliability Flash memory-based storage solutions.

"We are delighted to collaborate with Toshiba, a world technology leader and the original pioneer of Flash memory," said Amir Tirosh, DensBits' EVP Marketing and Business Development. "Our proprietary Memory Modem™ controller technology combined with Toshiba's industry leading Flash memory technology will allow the introduction of superior Flash storage solutions in terms

of cost, reliability, and performance. We see this agreement as yet another successful milestone in achieving our overall strategy of helping memory manufacturers enable next generation Flash memory devices and applications.”

About DensBits

DensBits is the inventor of the world’s first Memory Modem™, a revolutionary controller technology created to address the ever-increasing need for low-cost, high-performance Flash-based storage solutions.

About Toshiba

Toshiba is a world-leading diversified manufacturer, solutions provider and marketer of advanced electronic and electrical products and systems. Toshiba Group brings innovation and imagination to a wide range of businesses: digital products, including LCD TVs, notebook PCs, retail solutions and MFPs; electronic devices, including semiconductors, storage products and materials; industrial and social infrastructure systems, including power generation systems, smart community solutions, medical systems and escalators & elevators; and home appliances. Toshiba was founded in 1875, and today operates a global network of more than 590 consolidated companies, with 206,000 employees worldwide and annual sales surpassing 5.8 trillion yen (US\$61 billion).

Maverick Japan Selects Protected Media To Provide Market Leading Traffic Verification Solutions

Japan’s leading DSP affirms commitment to transparency and strong traffic validation measures by deploying Protected Media’s cybersecurity traffic verification

TA, Israel,

Maverick Japan, one of Japan’s fastest growing DSPs, announced the implementation of Protected Media’s fraud detection and viewability solutions to identify and mitigate in-app advertising fraud and measure viewability rates. Maverick Japan serves 50M-60M impressions every month.

Today ad fraud stands at an estimated \$19 billion, with the World Federation of Advertisers projecting that fraud will cost the industry \$50 billion by 2025. With growing suspicions around the



real rate of invalid traffic, advertisers remain challenged with the question of how to optimize ad spend and ensure that their ads are being viewed by human eyeballs. The high rates of ad fraud mean that the advertisers with the most robust ad fraud detection and prevention solutions at their disposal will ultimately suffer from the lowest rates of invalid traffic (IVT). As cybercriminals increase the sophistication of their attack methods, Maverick Japan is leading the move towards a cybersecurity approach to defending from attacks.

“We have always been committed to providing our customers with fraud free, viewable impressions,” explained Mr. Isamu Birumachi, CEO of Maverick Japan. “After working with local vendors we realized that we need to find a more strong robust solution, which is what led us to Protected Media. They have successfully demonstrated their abilities to catch more fraud than other systems we have used, and with more precision. We believe that their cybersecurity expertise combined with automation, will provide us with ad fraud detection and viewability solutions at scale.”

“Maverick Japan is a leading DSP provider with strong integrity and a proactive approach to combating at fraud for their clients,” said Amichai Zuntz, EVP Sales & Business Development, Protected Media. “We are honored to have been selected by one of Japan’s leading digital advertising companies and are proud to help them maximize their advertisers’ ROI. We’ve proven on many occasions that our knowledge of the ad tech eco system, coupled with our experience in cyber security, makes for a potent mix where we are able to catch more sophisticated schemes at a very granular level.”

About Maverick Japan

Founded in 2013, Maverick Japan’s customizable DSP “Sphere” allows clients to target people rather than ad spaces. Using “Sphere”, management and sales teams can work together to analyze and optimize their digital media results. For more information visit www.mvrck.co.jp

About Protected Media

Protected Media’s solutions enable buyers and sellers of digital advertising to ensure that display mobile and video ads are properly located, visible, and seen by real people. Protected Media’s technology provides in-depth information at the impression level to detect problematic traffic so agencies can work side by side with publishers to identify and eliminate suspicious activity to dramatically increase overall ad quality.



Japanese Insurance Company Sampo Partners With Two Israeli Cybersecurity Startups

Last month the Japanese inaugurated a Tel Aviv innovation center, adding to existing operations in Tokyo, and Silicon Valley

Adi Pick13:1519.11.18

Tokyo-listed insurance company Sampo Holdings Inc. has partnered with two Israeli cyber startups, the company announced in a statement. Last month the Japanese inaugurated a Tel Aviv innovation center, adding to existing operations in Tokyo, and Silicon Valley.

One of Japan's largest insurance companies and the nation's largest company in the realm of geriatric medical and nursing services, Sampo operates internationally in more than 30 countries and reports 20 million customers.

The company partnered with **Panorays Ltd.**, which provides an automatic system that mimics the sorts of activities hackers utilize, to provide a holistic view of possible third-party security flaws. Sampo also partnered with another Israeli cybersecurity startup, but the company did not disclose the latter's name in its statement.

The company's Israeli innovation center focuses on startups in the fields of insurtech, mobility, health and geriatric care, blockchain, and cybersecurity.

Altair Semiconductor and JIG-SAW partner on LTE-enabled sensors for industrial IoT

Altair Semiconductor (www.altair-semi.com), a provider of cellular IoT chipsets, announced today it has partnered with JIG-SAW Inc. (jig-saw.com), a provider of A&A (Auto sensor-ing and Auto Direction) solutions for IoT, to develop LTE-enabled sensors for a wide variety of global industrial IoT applications.

The partnership combines Altair's dual-mode Cat-M/NB-IoT ALT1250 chipset with JIG-SAW's software control technology to enable developers to create new IoT business models that can



drive new efficiencies across their organizations. Potential market applications include IoT sensors for warehouse site management, equipment monitoring, logistics, and more.

“We are pleased to partner with Altair Semiconductor to bring end-to-end, power and cost-optimized LTE-connected solutions to IoT users around the world,” said Hiroto Ozaki, Chief Operating Officer of JIG-SAW. “The IoT market is expanding rapidly, and enabling control not only via the cloud, but also within the modem chip layer, offers significant value for IoT users by providing high monitoring quality and stabilized, consistent services.”

The collaboration will enable users with connected IoT devices to control and monitor individual devices and their statuses at all times via a modem chip connection. Additionally, auto-control services will enable users to address alerts in a timely manner.

“Because Wi-Fi is not always feasible or efficient for many industrial IoT applications, cellular is a strategic alternative for reliable, secure and low-cost connectivity to the cloud,” said Ilan Reingold, VP of Business Development and Marketing for Altair Semiconductor. “We are excited to collaborate with JIG-SAW to bring the most secure and effective LTE-enabled solutions to the global industrial sensors market.”

The integration will be demonstrated by JIG-SAW this month at [re:Invent 2018](#) , the Amazon Web Services annual user conference, in Las Vegas from November 26-30. The service is scheduled to launch in the Spring of 2019.

NTT ICT Chooses Mellanox Ethernet Solutions to Accelerate Multi-Cloud Service

October 16, 2018

SUNNYVALE, Calif. and YOKNEAM, Israel, Oct. 16, 2018 — **Mellanox Technologies, Ltd.**, a leading supplier of high-performance, end-to-end smart interconnect solutions for data center servers and storage systems, today announced that end-to-end Mellanox Ethernet solutions have been selected by **NTT Communications ICT Solutions** (NTT ICT) to accelerate their multi-cloud data centers. NTT ICT selected industry-leading 25G and 100G Ethernet networking technology from Mellanox including: Spectrum-based switches running Cumulus Linux, ConnectX adapters, and LinkX cables and transceivers. NTT ICT, a premium global IT provider delivering solutions to Australian enterprise and government clients, selected state of the art Mellanox Ethernet technology to enable high-performance, low-latency, and easy to consume cloud-based services, and provide customers multi-cloud service broker solutions.



Enterprises are increasingly adopting multi-cloud strategies to drive their digital transformation. However, managing these multi-cloud platforms can present a challenge. Accelerating their core network with Mellanox's end-to-end 25G and 100G Ethernet Solutions and the agile, automated, and open networking software from Cumulus Networks, NTT ICT can now offer multi-cloud service broker services. Customers are now able to quickly connect services hosted in NTT ICT's data centers to other cloud providers and easily consume IP Transit, Storage as a Service (SaaS), Platform as a Service (PaaS), and other managed cloud services.

"We are excited to collaborate with Mellanox and Cumulus to integrate the next generation of software-defined networking into our data centers," said Tarquin Bellinger, COO at NTT ICT. "In Mellanox and Cumulus, we have found partners that we are confident in to help us deliver a cutting edge, NetOps-driven network for future growth. The new core network will enable us to serve as a multi-cloud service broker with expanded capabilities and easy automation management, offering low latency, fast and scalable services to other cloud providers and our customers."

"As a global IT leader and critical business driver, NTT ICT is leveraging Mellanox end-to-end Ethernet solutions to broker, deliver and manage a best-in-class, broad range of services to 3rd party cloud providers," said Kevin Deierling, vice president of marketing, Mellanox Technologies. "We are pleased to provide NTT ICT with the infrastructure needed to expand their business offering to include multi-cloud service brokering."

"NTT ICT is an outstanding example of a company that is using a modern, web-scale approach to build a network today that will scale to support growth for years to come," said Josh Leslie, CEO of Cumulus Networks. "We are excited to work with our partners at Mellanox and the team at NTT ICT to roll out Cumulus Linux and Cumulus NetQ to support their developer operations and continuous delivery efforts, enabling network agility across their entire suite of multi-cloud service offerings."

The Mellanox and Cumulus smart interconnect solutions provide NTT ICT and its customers with a range of benefits:

- Greater agility – Mellanox Open Ethernet Switches combined with Cumulus Linux network operating system, allows NTT ICT to deploy new customer multi-cloud services in minutes and simplify maintenance, using common automation tools;
- Improved uptime – Automation and Continuous Delivery practices are key to achieving improved uptime. By utilizing Cumulus VX for prototyping networking operations and Cumulus NetQ for intelligence into the health and connectivity of the entire network, system upgrades can be pre-tested in DevOps environment and then transferred to the production platform using automation to ensure operational insight and reduce the risk of human error.



- Lower data center operational costs – Mellanox Ethernet and Cumulus Linux solutions are cost effective and offer advanced automation, visualization, and analytics that reduces upfront investment and makes management easier, thus providing a strong return on investment.

About Mellanox

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end Ethernet and InfiniBand smart interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at: www.mellanox.com.

About NTT Communications ICT Solutions

NTT Communications solves the world's technology challenges by helping enterprises overcome complexity and risk in their ICT environments with managed IT infrastructure solutions. These solutions are backed by our worldwide infrastructure, including industry leading, global Tier 1 public and private networks reaching over 190 countries/regions, and more than 400,000m² of the world's most advanced data center facilities. Our global professional services teams provide consultation and architecture for the resiliency and security required for your business success, and our scale and global capabilities are unsurpassed. Combined with NTT Data, NTT Security, NTT DOCOMO and Dimension Data, we are NTT Group. www.nttict.com

Japan Aerospace 2018: Elbit Systems Highlights Diverse Airborne Solutions

Elbit Systems Ltd - Defence Industry Press Releases

19 November 2018

Elbit Systems will showcase a range of mainly airborne operational capabilities at the upcoming Japan Aerospace exhibition in Tokyo). The company will be highlighting solutions for Airborne Electronic Warfare (EW) and Signal Intelligence (SIGINT), Self-Protection and Direct Infrared Counter Measure (DIRCM) Systems, Unmanned Systems for air and sea applications, advanced Electro-optics (EO) as well as systems and solutions for both Rotary and Fixed wing platforms.



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MUSIC™ family of Direct Infrared Counter Measures (DIRCM) is a line of systems providing protection against shoulder launched air to surface missiles for dozens of military and commercial platforms, offered in three configurations:

- C-MUSIC designed for civil and VIP large jets.
- J-MUSIC protects large aircraft (heavy transporters, tankers, VIP jets etc) in a single or dual turret configuration.
- Mini-MUSIC protects small and medium rotary and fixed wing aircraft.

Infrared (IR) based Passive Airborne Warning System (PAWS) provides warning of threatening missiles and automatic management of countermeasures to airborne platforms.

All-in-Small™ (displayed in multimedia) is a small, lightweight, integrated EW suite in a single line replaceable unit, comprised of an EW Controller, digital Radar Warning Receiver, PAWS IR Missile Warning System, Laser Warning System and Chaff/Flare Dispensing system.

Air Keeper (displayed in multimedia) is a unique solution allowing any existing cargo, transport or passenger aircraft to be converted into a strategic and tactical special mission aircraft.

Immune Satellite Navigation Anti-Jamming Systems (iSNS) (displayed in multimedia) enables reliable, non-stop GPS operation and provides full jamming immunity for multiple satellite channels, handling multiple interfering signals and/or jammers operating on concurrent frequencies.

Unmanned Systems A multimedia presentation of a range of unmanned aircraft systems (UAS), from Medium Altitude Long Endurance systems to the tactical and ship-borne.

Naval Systems A multimedia presentation of the company's maritime portfolio encompassing unmanned systems, maritime C4ISR technologies as well as protection and weapon systems.

SPECTRO™XR is an ultra-long range, day/night, multi-spectral electro-optical intelligence, surveillance, targeting, acquisition and reconnaissance (ISTAR) system that can be installed on rotary and fixed-wing aircraft, aerostats, naval vessels and land applications.



Brightnite™ (Virtual Reality demonstration) is a non-gimbaled enhanced vision system that fusing a real-time video from a multi-spectral sensor and 3D flight and mission conformal symbology to enable operational night flights.

Helmet Display and Tracking System (HDTS) is a mounted system for helicopter pilots, combining innovative line-of-sight (LOS) technology and head-up display (HUD) capabilities, while providing enhanced flight safety and crew coordination.

Low profile HUD is built for advanced fighter jets, offering wide field of view capabilities and utilizing an innovative digital image source offering increased reliability.

Large Area Panoramic HD Airborne Display the system integrates high performance flight and mission data into a single unit, wider and slimmer than ever before.

GATR is a laser guidance kit installed on 70/80mm rockets, converting them into metric precision guided weapons.

Skybreaker™ (displayed in multimedia) is a networked multi-cockpit, mission oriented training center supporting many aircraft types.

Visit our Press Relations website for background materials and information regarding Elbit Systems fields of activity.

About Elbit Systems

Elbit Systems Ltd. is an international high technology company engaged in a wide range of defense, homeland security and commercial programs throughout the world. The Company, which includes Elbit Systems and its subsidiaries, operates in the areas of aerospace, land and naval systems, command, control, communications, computers, intelligence surveillance and reconnaissance ("C4ISR"), unmanned aircraft systems, advanced electro-optics, electro-optic space systems, EW suites, signal intelligence systems, data links and communications systems, radios and cyber-based systems. The Company also focuses on the upgrading of existing platforms, developing new technologies for defense, homeland security and commercial applications and providing a range of support services, including training and simulation systems



December

Magenta VC, founded by Mitsui and other Japanese investors.

**The new \$70 M Fund will invest in Israeli Start-ups
Koito Manufacturing Co. partners into the fund**

Magenta Venture Partners is a venture capital firm focused exclusively on Israeli and Israeli-related early stage technology startups across multiple categories including **Enterprise Software, IoT, Industry 4.0, Automotive, Mobility, AI, Fintech, and Digitalization**. The fund seek to partner with the best Israeli entrepreneurs and work with them towards building significant global companies. We do this by leveraging our unique network to open the right doors, sharing from our own and our community's operational experience as well as helping secure further financing.

Magenta Venture Partners is backed by prominent **Japanese institutional investors**, including **Mitsui & Co. Ltd.** And **Koito Manufacturing Co** (Global automotive lighting equipment leader) , all with strong global reach in multiple domains across a wide range of industries. The fund is led by four seasoned professionals with significant global experience in high-tech, startup investment, and corporate business development

The fund was inaugurated in November 2018 and shall operate from its Herzeliya office.

LASCOM Awards Gilat Multi-million Dollar Project for Japan's Next Generation Disaster Response Platform

Gilat partners with JSAT to ensure essential communication services in case of disaster to Japan's forty-seven prefectures

TOKYO and PETAH TIKVA, Israel, Dec. 10, 2018 /PRNewswire/ -- Gilat Satellite Networks Ltd. (NASDAQ: [GILT](#)) (TASE: GILT), a worldwide leader in satellite networking technology, solutions and services, announced today the selection of Gilat for a multi-million-dollar project by the



Japanese government agency, Local Authorities Satellite Communication (LASCOM), for delivery of the next generation disaster response platform to Japan's forty-seven prefectures. Gilat in partnership with JSAT will ensure essential communication services for the people of Japan in case of disaster.

LASCOM requires a highly secure, bandwidth efficient, multi-service single system that is capable of integration into LASCOM's wider network. The network needs to provide very high throughput, quality and resilience so that an array of services can be reliably delivered to prefectural and local governments, individuals, and first responders. This includes voice services, video feeds from disaster sites, video multicasts to local sites, emergency alerts, mobility services, and data services.

Gilat's stable multi-service platform, SkyEdge II-c, and its highly efficient versatile modems were selected after a thorough evaluation to provide LASCOM the needed reliability and breadth of services to be deployed in case of disaster. Redundant hubs will be deployed in two different locations and thousands of VSATs will be deployed throughout all of Japan's regions.

"We are grateful for the trust that LASCOM has placed in Gilat for their next generation disaster-recovery platform, and in partnership with JSAT we will ensure that the Japanese people will have the essential communication services up in case of any disaster," said Abhay Kumar, Regional Vice President Asia and North America for Gilat. "As Japan is prone to earthquakes, tsunamis and other natural disasters, the selection of Gilat for such a critical network is a great tribute and proof of the resilience of Gilat's network to deliver reliable high throughput services in cases of emergency."

About LASCOM

Local Authorities Satellite Communications Organization (LASCOM) was established in 1990 for the management and operation of the Satellite Communications Network for Local Authorities (LASCOM Network) that links local governments all over Japan. The LASCOM Network has grown into the largest network of its type comprising some 3,000 earth stations, covering all 47 prefectures of Japan. The network is used for a wide variety of applications, particularly disaster measures, disaster drills and video images of disaster-affected area.



About SKY Perfect JSAT

SKY Perfect JSAT Corporation is a leader in the converging fields of broadcasting and communications. It is Asia's largest satellite operator with a fleet of 18 satellites, and Japan's only provider of both multi-channel pay TV broadcasting and satellite communications services. SKY Perfect JSAT delivers a broad range of entertainment through the SKY PerfecTV! platform, the most extensive in Japan with a total of 3 million subscribers. In addition, SKY Perfect JSAT's satellite communications services, which cover Japan and the rest of Asia, as well as Oceania, Russia, Middle East, Hawaii and North America, play a vital role in supporting safety, security and convenience for society as a whole.

About Gilat

Gilat Satellite Networks Ltd. (NASDAQ: [GILT](#)) (TASE: GILT) is a leading global provider of satellite-based broadband communications. With 30 years of experience, we design and manufacture cutting-edge ground segment equipment, and provide comprehensive solutions and end-to-end services, powered by our innovative technology. Delivering high value competitive solutions, our portfolio comprises of a cloud based VSAT network platform, high-speed modems, high performance on-the-move antennas and high efficiency, high power Solid State Amplifiers (SSPA) and Block Upconverters (BUC).

Gilat's comprehensive solutions support multiple applications with a full portfolio of products to address key applications including broadband access, cellular backhaul, enterprise, in-flight connectivity, maritime, trains, defense and public safety, all while meeting the most stringent service level requirements. Gilat controlling shareholders are the FIMI Private Equity Funds.



Merchavia's Portfolio Company 'Juventas' Announces Strategic Commercialization Agreement with Astellas Pharma

The company signed an exclusive worldwide options and licensing agreement with Japanese giant 'Astellas Pharma' for the development and acquisition of Juventas's technological applications - contingent on clinical trial milestone successes

The agreement follows collaboration between Juventas and Astellas Pharma in the field of fecal incontinence and the successful trial conducted and financed fully by Astellas . Under the current terms, Astellas will receive licensing for managing and conducting future R&D and clinical trials of Juventas's technology, including full financing

RAMAT GAN, Israel, Dec 03, 2018 /PRNewswire/ -- [Merchavia Holdings and Investments](#) (TASE: MRHL), **an Israeli investment company specializing in early stage life sciences companies**, announces that portfolio company Juventas Therapeutics (.064% held), which develops genetic treatments for strengthening weak muscles in the body by creating blood vessels in the area, has signed an agreement with Japanese pharmaceutical giant Astellas Pharma, to provide exclusive worldwide (except China) licensing and options for the company's technological platform, for non-viral gene therapy using the JVS-100 candidate.

The agreement grants Astellas an R&D license to conduct on the JVS-100 candidate, through Phase IIa clinical trials, with option to acquire JVS-100 from Juventas, for continued development and commercialization. At this stage, Astellas is planning to focus technological development efforts of applying the treatment to fecal incontinence (FI).

Astellas is the second largest pharmaceutical company in Japan, and one of the world's 25 largest pharmaceutical companies, with annual revenues of around \$11 billion. The agreement represents the implementation of Juventas's strategy of creating collaborations with leading companies in its sector in order to continue developing its technological platforms, and has been reached following collaboration and pre-clinical trials in the sector, which was conducted and fully financed by Astellas.



According to the current terms, Astellas will receive a license to manage and conduct all R&D stages of future clinical trials, from the IIa stage that will begin in 2019, including full financing, and collaboration with Juventas. According to the agreement, Astellas will pay to Juventas, an advance of a non-material amount, as well as for receiving options.

Merchavia CEO Eli Arad: "We are happy to announce this important strategic agreement for a portfolio company. The JVS-100 candidate has already proven in several clinical research projects its ability to revive in a safe manner the process of building up blood vessels after being injected directly into the desire area, and bring about strengthening of the muscles there. The agreement will allow Juventas to continue developing technologies until ready for commercialization, and we are certain that this process will promote the creation of value for our shareholders."

Merchavia has so far invested \$500,000 in Juventas. Among the prominent investors in the company are the Cleveland Clinic academic medical center in the US, and the investment arm of Japanese pharmaceutical giant Takeda.

About Merchavia

Merchavia Holdings and Investments (TASE: MRHL) is an Israeli company specializing in investments in early-stage and promising startups operating in leading high-demand areas of the life sciences, working together with leading medical institutes worldwide – including Cleveland Clinic in the US. Merchavia's portfolio companies include CDx (Cleveland Diagnostics, 8% holding), which is developing a non-invasive method for early diagnosis of various types of cancer, by means of a blood test identification of the structural changes of the protein biological marker IsoPSA, which indicates the presence of the disease. In addition, the company recently reported reaching an agreement to acquire 6% of RMDY Health, which operates in one of the world's growing medical markets. The company is developing and providing digital medical platforms, which allow organizations in the health sector to switch swiftly and efficiently from providing traditional expensive medical services based on a meeting with the patient to digital medicine, which allows ongoing remote, online management of patients. In addition, Merchavia holds 7% of CardiacSense, which is developing a wearable device to detect A FIB (Atrial Fibrillation), based on a unique combination of patented technologies developed by the company for reading optical signs and feeling movement, pressure, temperature and more – giving the



product high credibility by cancelling out reading mistaken signs. In October 2018, The company announced that Merchavia was entering the chronic pain market by investing in G4P (Games for Pain), a portfolio companion in an incubator in which the Maccabi Health Fund is a partner. Merchavia will invest about 600,000 NIS according to milestones for a 6% stake of the Israeli company, which is developing an AI based platform for the neurological rehabilitation of chronic pain – a market worth \$635 billion annually in the US, G4P will focus at the being on fibromyalgia, which afflicts 3%-6% of the world's population. Merchavia also announced in October 2018 its intentions to will enter into the medical cannabis R&D sector, with an emphasis on R&D companies. The company's management offices are in Ramat Gan

Ok ISRAEL LAB, a next-generation technology research institution established in Israel

Press Release of Okey Wave Inc. December 19, 2018

Ok Wave Co., Ltd. (Headquarters: Shibuya-ku, Tokyo, Representative Director: Masuda Matsuda) who manages Japan's first and largest Q & A site "OK WAVE" (<https://okwave.jp>) globally develops "OKWAVE" With the aim of creating new business based on the next-generation technology, we established a research institution "OK ISRAEL LAB" for investment and collaborative research on local technology companies in Tel Aviv, Israel on December 19, 2018.

"OK ISRAEL LAB", a research institution established by the Company, aims to discover, invest, and carry out joint research on technology venture firms in Israel, which is a developed country of IT related technologies and other cyber security technologies I will.

We regarded "ABC Technology", which is the acronym for AI (Artificial Intelligence), Blockchain (Block Chain and Distributed Ledger Technology), Cyber Security (Information Security), as the core technology and made full use of these technologies We are focusing on the development and provision of product services. Through "OK ISRAEL LAB", we will promote new research towards the development of innovative product services using "ABC technology" with Israeli technology companies.

In addition, we have named our next-generation technology following "ABC Technology" as "XYZ-Technology", with the aim of creating synergies and new business with existing business, mainly in Israel, quantum cryptography / quantum computer, drones, new materials , And research on local companies that tackle next-generation technologies such as new energy, and so on.



In establishing "OK ISRAEL LAB", we made a business tie-up **with T&T Corporation** (head office: Chiyoda-ku, Tokyo) which imports and exports precision equipment engaged in FinTech, develops and sells security software, and is chairman of the company and Israel Mr. **Hisashi Komiya** served as Japan representative of AltaClub, a venture capital company based in Tokyo. We will accelerate the activities of "OK ISRAEL LAB" while making full use of Mr. Komiya's abundant knowledge.

We will continue to actively develop state-of-the-art technologies based on Q & A and provide services that contribute to the development of the world.

■ About "OK ISRAEL LAB"

Location: 30 Ibn Gabirol Tel Aviv Israel 6407807

■ About Ok Wave Co., Ltd.

Okei Wave Corporation was founded in July 1999. "Japan aims to contribute to the development of the world by realizing happiness in both minds through creation of mutual aid places," Japan's first biggest Q & A site "OKWAVE (<https://okwave.jp>)" 2000 We have been operating since January. For corporate customers, the FAQ system "No. 1 OKBIZ. For FAQ / Helpdesk Support (<https://www.OKBIZ.ForFAQ/HelpdeskSupport>"), which has the largest domestic share, introduced by over 500 sites of major companies and municipalities based on the operational know- okwave.co.jp/business/service/biz-faq-helpdesk/) "and customer participation type support community tool" OKBIZ. for Community Support (<https://www.okwave.co.jp/business/service/okbiz-cs/>) ", AI agent service" OKBIZ. for AI Agent "and so on. Stock listing in June 2006 (stock code: 3808). In the future, we will provide services that contribute to problem solving by combining AI, block chain, and cyber security technologies to expand the "appreciation economy" platform aiming for a society where appreciated people are more rewarded I will.

Aurora Labs Chosen for Plug and Play Japan

December 11, 2018

TEL AVIV, Israel--(BUSINESS WIRE)--Aurora Labs, the creators of Self-Healing Software™, today announced that the company has been chosen to participate in the Batch 2 Acceleration Program of Plug and Play Japan. Plug and Play is a leading global venture capital and technology accelerator program supporting start-ups with innovative solutions. Plug and Play Japan was incorporated in July 2017 as a base of business development in Japan and is sponsored by leading Japanese corporations.



Of the 824 startups that applied for the program, only 59, representing just 7% were selected by the Plug and Play corporate partners including Nissan, Hitachi, Panasonic, Fujitsu, Denso, Suzuki, NEC, Macnica and others.

“Aurora Labs was chosen by our corporate partners based on the company’s expertise in how new technologies including artificial intelligence and machine learning can be applied to the automotive industry to help vehicle manufacturers transition to a software-centric business,” said Shingo Ehara, Director of Mobility at Plug and Play Japan.

Aurora Labs is addressing the needs of automotive manufacturers as their businesses grow based on software and mobility features and services. Aurora Labs is helping automotive manufacturers to capitalize on the full business potential of connected cars by enhancing the driver experience, enabling post-production revenue, cutting costs through improved efficiency, decreasing risk and reducing recalls. The company’s solution fills a crucial role enabling innovation and continuous development without compromising quality and safety.

“Being chosen by leading Japanese Automotive players as one of only seven percent of companies that applied to become part of Plug and Play Japan is a great recognition of the Self-Healing Solutions we are bringing to the automotive industry. This program will help accelerate our growth as we continue to lead the way to software-based autonomous driving,” said Ori Lederman, Co-founder and COO, Aurora Labs.

About Aurora Labs:

Launched in 2016 by Co-founders Zohar Fox and Ori Lederman with offices in Tel Aviv and Munich, Aurora Labs is pioneering Self-Healing Software™ for connected cars to enable OEMs to proactively respond to future vehicle software architectures, processes, and services. Agile user-centric software development processes create a plethora of continuous opportunities and risks for the OEMs, even after the car has left the production line. Aurora Labs' Line-Of-Code Maintenance™ technology uses machine learning algorithms to uniquely address all three stages of a software health solution, future proofing the next generation of software-driven automotive features. From detecting line-of-code faults to predicting downtime events, fixing errors on-the-go and enabling reliable and cost-effective rollouts of new automotive features to all ECUs in the vehicle without any downtime for the user, Aurora Labs is paving the way for the age of the self-healing car