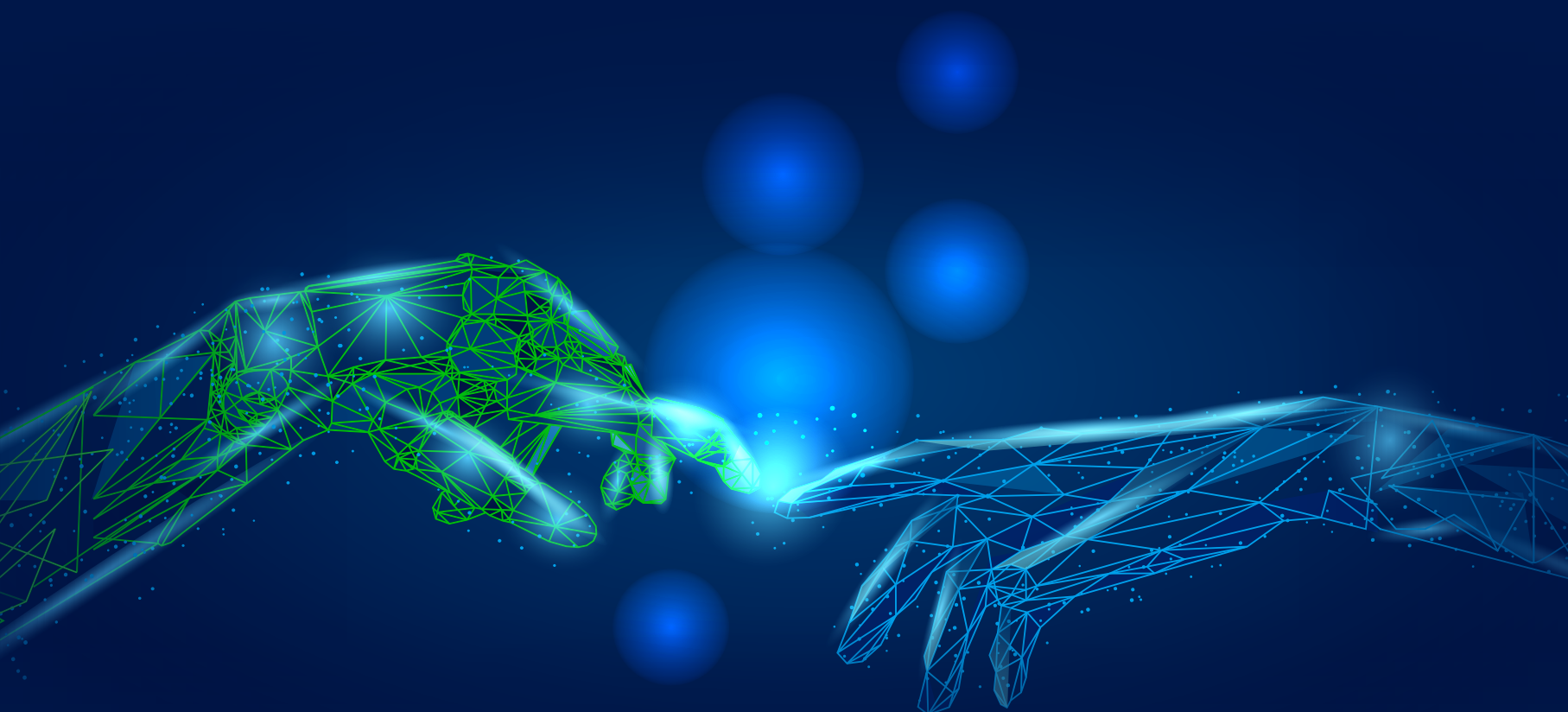


ISRAEL @ GITEX TECHNOLOGY WEEK

17-20 October 2021

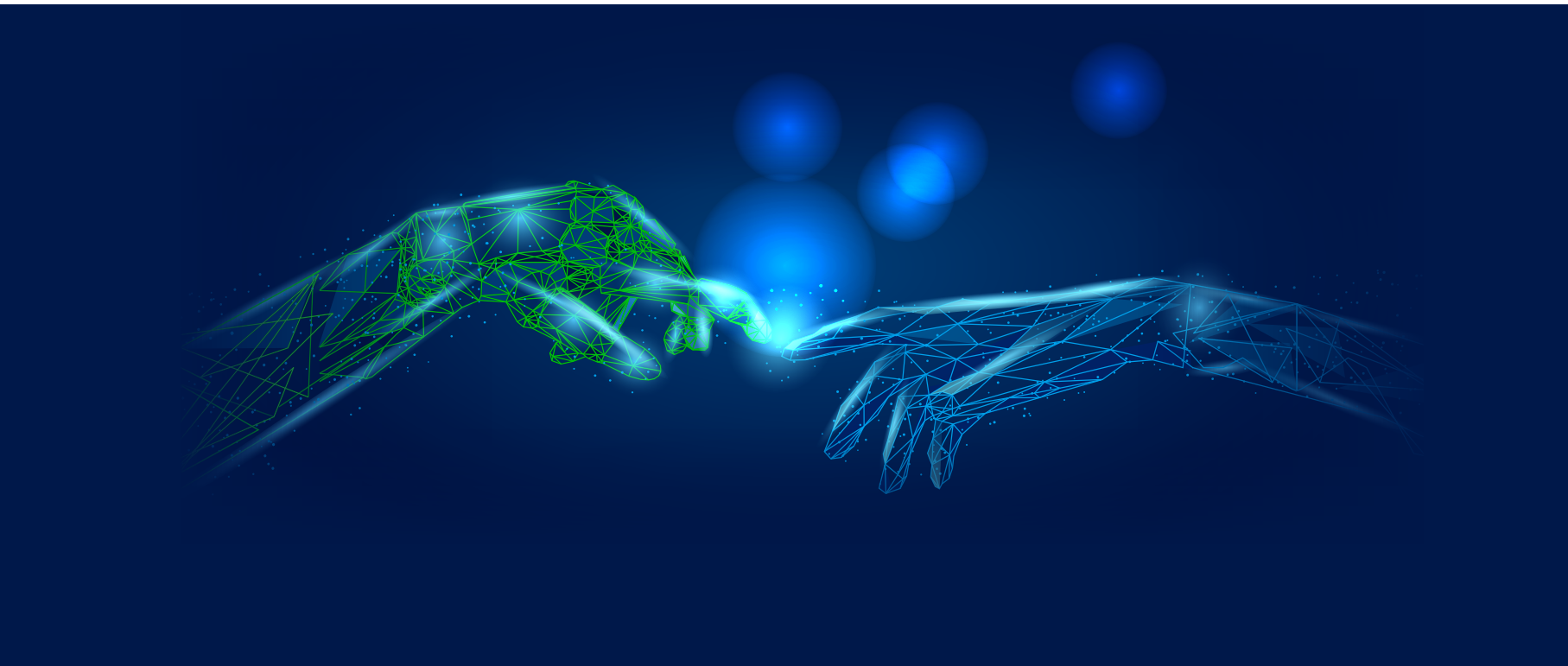
Israel Pavilion - Z6 450-465

Dubai World Trade Center



Contents

THE ISRAEL EXPORT & INTERNATIONAL COOPERATION INSTITUTE	3
THE FOREIGN TRADE ADMINISTRATION AT THE ISRAELI MINISTRY OF ECONOMY AND INDUSTRY	4
INDEX BY CATEGORY	5
COMPANY PROFILES	6



THE ISRAEL EXPORT & INTERNATIONAL COOPERATION INSTITUTE

The Israel Export and International Cooperation Institute is your premier gateway for doing business with Israeli companies. Established and funded by the government and the private sector, IEICI's expertise in technology and product scouting, joint ventures and strategic alliances with Israeli companies span more than half a century. Whatever your field is, IEICI offers access to relevant businesses and government resources. With expertise in Israel's leading industries, IEICI will provide the information you need to connect, negotiate and do business.

IEICI is your strategic partner to Israeli business opportunities, from formal delegations and international conferences to private one-on-one meetings. We match Israeli opportunities to your needs so you can make the most of what the market has to offer.

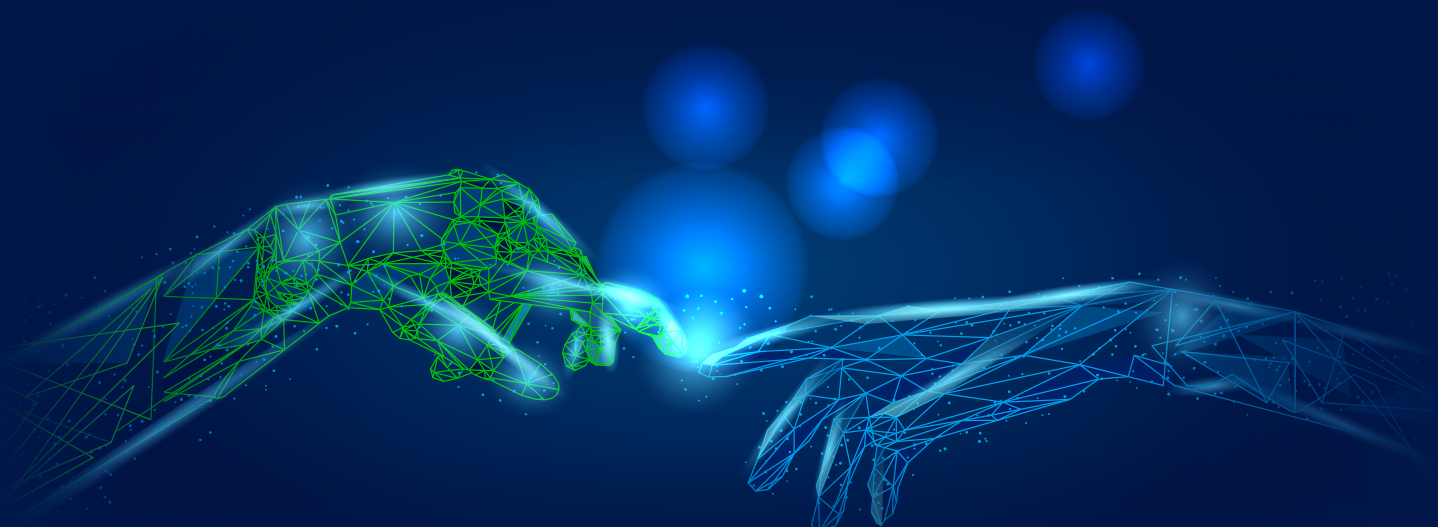
Moti Patriano

Head of Digital Media Technologies Sector

Tel +972 52-5858684

motip@export.gov.il

www.export.gov.il





Ministry of Economy and Industry
Foreign Trade Administration

THE FOREIGN TRADE ADMINISTRATION AT THE ISRAELI MINISTRY OF ECONOMY AND INDUSTRY

The Foreign Trade Administration (FTA) at the Israeli Ministry of Economy and Industry manages and supports Israel's international trade and trade policy by promoting trade and exports, initiating and maintaining trade agreements, attracting and facilitating foreign investments and creating strategic cooperation with foreign companies. Through our headquarters in Jerusalem together with 45 economic and trade missions in key financial centers throughout the world, the FTA promotes Israel's economy worldwide.

Israel's economic and trade missions are at the forefront of the Israeli government's efforts to boost our industries in foreign markets. Our team of highly experienced economic representatives and business consultants provides a wide range of services to Israeli companies and to the international business community.

The FTA establishing a new office in Abu Dhabi, which will be responsible for ties between Israel and the United Arab Emirates. The economic and trade mission will oversee the strengthening of commercial and economic links between Israel and the UAE and will work to attract UAE investments in the Israeli economy.

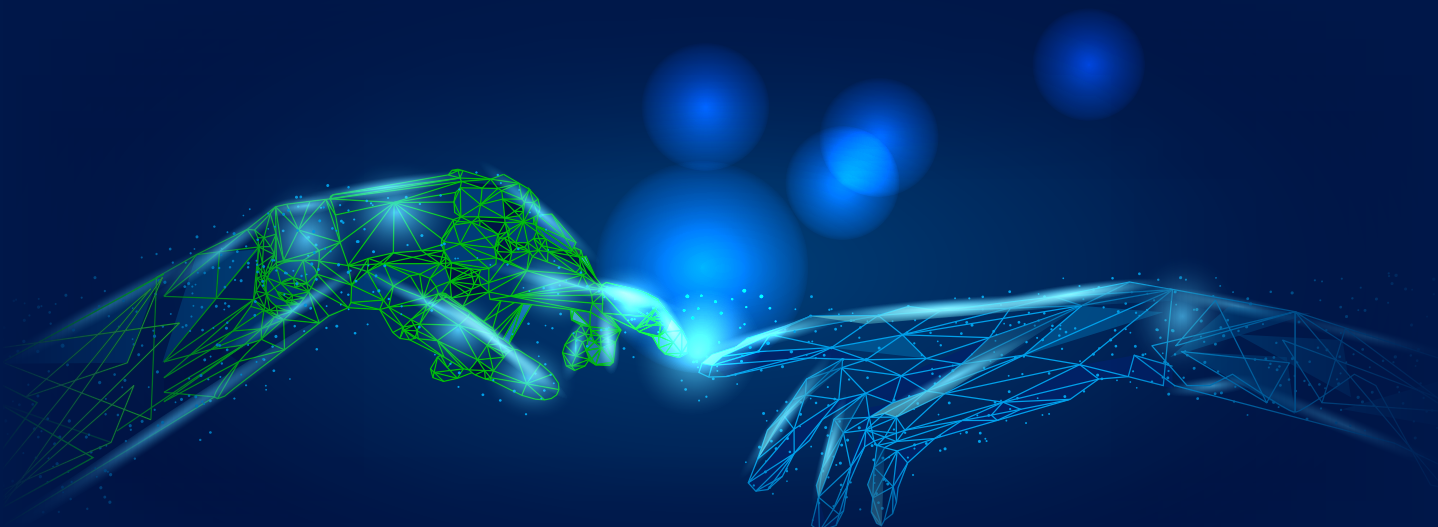
Aviad Tamir

Appointed, Head of Economic and Trade Mission to the UAE

Tel +972-50-8322111

Aviad.Tamir@economy.gov.il

www.itrade.gov.il



INDEX BY CATEGORY

COMPANIES		CATEGORY											PG
	AR & VR	AI	Cloud & Big Data	Consumer Technologies	E-commerce/ Logistics	Cyber Security	Fintech	Smart Cities	IoT	Robotics & ML	Telecom & Mobility	Healthcare	
AnyVision		●						●					6
betterair												●	7
Bringoz Technologies Ltd.					●						●		8
Ception		●							●	●	●		9
Hailo	●	●						●		●			10
IXDen		●				●			●	●			11
MIND CTI											●		12
mPrest		●						●	●				13
MySize				●	●								14
Pentera (formerly Pcysys)						●							15
Talamoos		●	●								●		16
ThetaRay							●						17
Toka (powered by Commugen)						●	●						18
Trackimo				●				●	●		●		19
TriEye				●				●	●	●	●		20
Waterfall Security Solutions						●							21



AnyVision employs Vision AI to protect your people and places with the most accurate way of identifying face and bodies - in the moment - even in the most adverse conditions.

Solution at a Glance

AnyVision's unified Vision AI platform offers three capabilities for creating seamless security experiences. Abraxas: A Touchless Access Control solution that allows employees to seamlessly access doors, turnstiles, or other entry points using their face as their unique identifier. Better Tomorrow: An automated watchlist alerting system that identifies persons of interest in real time as they enter your premises. OnPatrol: A mobile application that provides law enforcement with Vision AI on the go.

Technological Innovation Product Differentiation

AnyVision uses deep learning AI to eliminate a traditional systems' shortcomings, by accurately capturing faces in real-world environments, even with low bandwidth CCTV cameras. Our AI software instantly alerts security staff of unauthorized entries and individuals and dramatically reduces their false positive rates, while our data augmentation algorithms help improve the quality of our facial recognition in low light conditions, when the person is looking away from the camera, and in low bandwidth settings which result in compression artefacts (e.g., flickering, blurring, and speckling). AnyVision's technology is able to overcome the most challenging conditions — from large crowds to low light environments, extreme angles, and obscured faces. Most video monitoring solutions struggle to correctly identify people under these conditions which is often the norm.

Company References & Strategic Partners

Strategic Partners: Orion Security Solutions, Honeywell, Boon Edam, Atos, Ambarella, TDS

betterair the world first indoor probiotic purifiers.

Purify your entire indoor not just air (surfaces, objet, air)

Solution at a Glance

betterair's patented Enviro-Biotics® forms a protective layer of probiotics flora on all surfaces and objects that eliminates pollutants, pathogens, and allergens. betterair natural Enviro-Biotics® for a Healthier Home

betterair representst the cutting edge of wellness optimization by harnessing the power of natural Enviro-Biotics®.

Wherever betterair technologies are applied, indoor spaces become balanced, safe, pleasant and healthy.

Technological Innovation Product Differentiation

Betterair is not a disinfectant.... they create corrupted indoor environments!

Rather than killing all micro-organisms, Betterair disperses 24/7/365 a microscopic, aerosolized mixture of multiple strains of beneficial bacteria (probiotics) that consume the food sources all micro-organisms require to multiply and propagate. The utilization of Betterair's probiotics result in a drastic reduction in the presence of harmful and pathogenic micro-organisms that cause disease and illness. Betterair resets and rebalances the indoor microbiome creating the healthiest environment for the human immune system.

Betterair does not kill micro-organisms but minimizes the presence of harmful pathogens and replaces them with beneficial bacteria.... Probiotics!

Company References & Strategic Partners

NETS - NBA Brooklyn NY / GANTHER CONSTRUCTION|ARCHITECTURE, INC.

/ Azreli office building - Israel / Care Partners - nursing home - USA / Gym Tony Horton - USA / Atlanta Community Food Bank - USA ...



Bringoz makes complex logistics simple with an end-to-end Intelligent Delivery and Distribution Management Solution.

Solution at a Glance

Managing today's transportation, logistics and mobility challenges while providing superior customer experience and still maintaining efficiency creates new complexities.

Bringoz is a SaaS, cloud-based, platform for businesses to build, scale and optimize their logistics operations. Bringoz is for businesses of all sizes, Enterprise to Mid-Market, enabling users to build and maintain a delivery and distribution operation. Using Bringoz Platform, our customers are able to reduce OPEX, generate revenue and achieve efficiency while providing customer-centric services.

Bringoz Platform is a collaborative tool, synchronizing between the numerous parties involved in the logistics operations, creating a balanced, cost-effective and productive eco-system.

Technological Innovation Product Differentiation

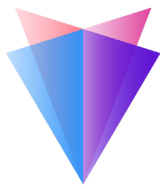
Bringoz platform includes a wide array of modules all displayed through a data visualization platform, focusing on real-time management and smart planning:

- Elastic Delivery Infrastructure - one access point to manage, organic fleets, vendors, crowdsource, and autonomous vehicles;
- Centralized System - tapping into multiple channels of delivery related demand, and consolidating the data and the entire logistics activities into one centralized management platform;
- Automation of manual actions throughout the entire logistics process and manage workflows with constraint-based automation;
- Unique Capabilities - real-time dynamic routing and rerouting, resource allocation, consolidation, asset sharing, matching between demand and supply and more.

Our solution is suitable for both mid-level and enterprise companies and has been deployed with large customers across the pharma, automotive, CPG and retail industries.

Company References & Strategic Partners

Microsoft, CDK, Store.ai



ception

Ception

www.ception.ai



Seeking
Investment

AI | IoT | Robotics & ML & DL | Computer Vision | Mobility | Constrcution | Mining

Ception is harnessing precise localization and mapping to enhance industrial mobility's safety and productivity, both in human and autonomous operations.

Solution at a Glance

MineCept is an innovative AI solution for mobile heavy equipment. Using Ception Core's cutting-edge sensing, computer vision, and deep learning technologies, we provide a solution that generates immediate value with a safer, more productive and more sustainable operation.

MineCept is an OEM-agnostic hardware and software kit, providing operators with real-time alerts and guidance, while collecting data and providing job site-related insights to the site managers and foremen. Designed to support a variety of operational scenarios, the product is suitable for a wide range of applications and use cases. In addition to its aftermarket product, Ception also offers an SDK for integrating the localization, mapping and applications layer in autonomous vehicles and other technological systems.

Technological Innovation Product Differentiation

1. Technology: Ception's proprietary localization and mapping technologies allow for enhanced situational awareness and enable a reliable, accurate, robust and cost-efficient solution.
2. Modular SaaS model: Current systems on the market require a specific hardware installation for each operational task. What sets Ception apart is the ability to install one modular hardware-kit capable of supporting multiple applications and use-cases in a "marketplace" model.



Hailo has developed a breakthrough AI Processor based on a novel architecture which enables edge devices to run sophisticated deep learning applications that could previously run only on the cloud.

Solution at a Glance

Hailo, an AI-focused, Israel-based chipmaker, has developed a specialized AI processor that delivers the performance of a data center-class computer to edge devices. Hailo's processor is the product of a rethinking of traditional computer architecture, enabling smart devices to perform sophisticated deep learning tasks such as object detection and segmentation in real-time, with minimal power consumption, size, and cost. The processor is designed to fit into a multitude of smart machines and devices, impacting a variety of sectors including automotive, industry 4.0, smart cities, smart homes, and retail. The company was founded in 2017 by members of the Israel Defense Forces' elite technology unit.

Technological Innovation Product Differentiation

Hailo innovated the structure-defined data flow of current computer architecture by building a distributed on-chip memory fabric, novel control schemes, efficient interconnect, and a full-stack software toolchain. Co-designed with hardware architecture based on the fundamental properties of neural networks, the chip is effectively disrupting industries across the board. In fact, Hailo redesigned the standard processor's entire technology stack, decentralizing resources and management so each unit has its own dedicated memory space and control management. These independent, specialized units offer better performance, greater efficiency and higher accuracy, resulting in a much more economical utilization of AI applications, with significantly lower power consumption – all in single and compact package.

By designing an architecture that relies on the core properties of neural networks, Hailo's chip allows devices to run AI more efficiently and perform sophisticated deep learning applications that could previously run only on the cloud. The chip's qualities enable it to far outperform industry benchmarks.



IXDen introduces a novel, hardware-free, software-based approach to OT systems protection, covering Industrial IoT cybersecurity and sensor data integrity. Leveraging patented 'biometric' IoT device identity and multifactor authentication IXDen achieves the utmost sensor data integrity on a device / sensor level and provide at-the-source threat detection. IXDen's predictive analytics allows utilities to identify probable operational and maintenance events ahead of time, enable to fix them and fend off costly damages to their operations.

Solution at a Glance

IXDen patented cybersecurity and operational solution takes the digital transformation to a higher level of data integrity. By continuously monitoring sensor data and regenerating device identity, IXDen assures that the data is not manipulated or injected while providing threat detection at its root.

The solution supports remote assets monitoring and management.

IXDen protects edge devices – Industrial Controllers and sensors - by accessing raw sensor data and internal device and network information. IXDen unique, constantly changing device identity is comprised of hundreds of dynamic and static parameters for each device. IXDen leverages proprietary behavioral and mathematical algorithms, statistical analysis, Machine Learning to model the behavior of various industrial physical systems, attaining deep understanding of the device data, software and hardware. Innovative IXDen solution brings unrivaled data veracity and device security – without any additional hardware or security keys/certificates stored on the device.

Technological Innovation Product Differentiation

- Creating a dynamic identity for each device, by comprising hundreds of dynamic & static parameters
- Modeling behavior of physical systems to achieve device security and data veracity
- No key/certificate is stored on the device itself, the device identity is regenerated every transaction
- Optimize the operations and efficiency, detect and eliminate operational problems, detects and predicts abnormal behavior of data, collected by Industrial Control Systems, caused by sensor drift, calibration errors, sensors malfunctioning or changes in sensor performance. Unlike competing anomaly detection solutions – assures the data is not manipulated at the sensor or field device source. IXDen protects Level 1 devices by sitting on the edge of Level 2 and accessing raw sensor data.

“IXDen Grade” presents to operational (OT) teams the system health indicator, reflecting the healthiness of the data and the security level, enabling prediction of potential system misbehavior.

Company References & Strategic Partners

Water Market - Mekorot - The national water company of Israel with over 3000 water sites and 40 desalination sites. The product is in live operation. **Energy Market - Enel S.p.A.**, an Italian multinational manufacturer and distributor of electricity and gas. The product is implemented in smart grid operation. **HLS Market** - Avnon Group, operating in over 60 countries.

MIND C.T.I. LTD. – (Nasdaq:MNDO), a leading BSS provider for communication service providers, unified communications analytics and call accounting solutions for enterprises as well as enterprise messaging solutions.

Solution at a Glance

MIND C.T.I. LTD. – (Nasdaq:MNDO). is a leading provider of convergent end-to-end billing and customer care product-based solutions for service providers, unified communications analytics and call accounting solutions for enterprises as well as enterprise messaging solutions. MIND provides a complete range of billing applications for any business model (license, SaaS, managed service or complete outsourced billing service) for Wireless, Wireline, Cable, IP Services and Quad-play carriers. A global company, with over twenty years of experience in providing solutions to carriers and enterprises, MIND operates from offices in the United States, Romania, Germany and Israel.

Technological Innovation Product Differentiation

MIND C.T.I. LTD. – (Nasdaq:MNDO) delivers advance BSS platform that suits carrier specific needs, across any line of business: voice, data, content, video; fixed, mobile, cable, satellite; prepaid and post-paid. MIND's solutions enable telecom operators to rapidly deploy services and support automated business processes. MIND offers advanced unified communication analysis and call accounting solution for enterprises, our solutions enable organizations of any size to monitor and manage their communication costs, track communication's quality of service and detect misuse and fraud for both traditional voice and IP telephony. MIND offers customized multi-channel mobile messaging solutions. With our simple APIs you can easily communicate with your clients and partners via SMS, instant messaging (WhatsApp, Telegram), or voice worldwide.



Smart Cities | IoT | IoE (Internet of Energy) | AI

mPrest is the world leader of DERMS (Distributed Energy Resources Management System) platform as well as the AHM (Asset Health Management) System in the energy market.

Solution at a Glance

mPrest provides real-time and mission-critical orchestration and optimization software for the modernization of the energy grid and distributed energy markets. Our unparalleled expertise is built on decades of experience developing some of the world's most sophisticated and efficient command, control and analytics defense applications ever deployed – including the life-saving Iron Dome software.

mPrest has harnessed this expertise for the development of advanced industrial IoT applications across a wide range of markets, verticals and geographies, including energy and smart cities, oil & gas, connected vehicles, water, and other industry 4.0 applications.

Today, mPrest has invested heavily in applying its technology for the energy industry, which is in the midst of one of the most disruptive changes since the invention of electricity – Decarbonization, Decentralization and Digitization.

Technological Innovation Product Differentiation

DIGITAL GRID EDGE DISTRIBUTED MANAGEMENT

Our Distributed Energy Resource Management System (DERMS) allows energy companies to benefit today from the true value of integrated, distributed grid edge management. This includes orchestration and optimization of DERs, aggregators, EV charging, Demand Response, together with legacy assets managed through SCADA, DMS/ADMS as well as market price arbitration.

ASSET HEALTH MANAGEMENT

Our comprehensive Condition, Criticality and Risk Assessment product takes a holistic view of the overall system or path—comprised of multiple asset types enabling aggregation of condition information from all sources and all systems. This level of clarity delivers an accurate picture of combined asset condition, criticality and risk at any level, enabling risk-based analysis and better decision making via AI, machine learning and other advanced analytics.

Company References & Strategic Partners

mPrest's products are field proven, globally deployed and used in production by many power utilities: transmission and distribution operators. Large and significant utilities can be found among our references, such as Enel (Italy), e.ON (Germany), RTE (France), Vector (NZ), CPPC (Australia), SDG&E (US), NYPA (US), Southern (US) and Energisa (Brazil).

mPrest is also very proud with its strategic partners who cooperate with us and promote us in every energy opportunity. Among our partners: TCS – Tata Consulting Services, Capgemini, EY, Accenture and the 2 main cloud vendors: Microsoft and Amazon.



E-commerce/Logistics

MySize has a portfolio of leading measurement solutions for multiple industries, solving different business problems and improving efficiencies. Size recommendation technology for retail, workwear and homewear reduces returns, improves ordering, and makes sending items back easier. Within logistics, parcel delivery companies are able to improve efficiencies and reduce time with package measurement technology.

Solution at a Glance

MySize has already helped to improve efficiency across many different brands, globally. Levi's became one of the most recent brands to add the MySizeID widget and app to their site. Wallien has seen success with MySizeID sizing tool in the waterwear industry, and Trutex has been utilising the sizing technology for kidswear. Penti has seen impressive reductions in returns using the app for Lingerie and there are many more examples of how MySizeID has helped improve size and fit. Similarly, BoxSize provides companies such as Dehlivery, the primary delivery company in India with efficient parcel sizing.

Technological Innovation Product Differentiation

MySizeID is proving successful in retail, focusing on fashion size and fit that ultimately combats economical and environmental issues within the apparel industry. MySizeID App provides a unique scanning technology, enabling shoppers to measure themselves using their smartphone. This, combined with its widget, SDK integration, and MyDash enables brands to easily offer a more accurate and easy to use sizing service for their customers, both on their site, and in their offline stores. At present, MySize is also the only size recommendation technology to provide the service for people buying kidswear, they can measure their children with ease, confidence and complete privacy. Similarly, BoxSize is a unique, fast, and accurate measurement app for the package delivery market.

Company References & Strategic Partners

MySize has already helped to improve efficiency across many different brands, globally. Levi's became one of the most recent brands to add the MySizeID widget and app to their site. Wallien has seen success with MySizeID sizing tool in the waterwear industry, and Trutex has been utilising the sizing technology for kidswear. Penti has seen impressive reductions in returns using the app for Lingerie and there are many more examples of how MySizeID has helped improve size and fit. Similarly, BoxSize provides companies such as Dehlivery, the primary delivery company in India with efficient parcel sizing.



PENTERA
(Formerly Pcysys)

Pentera (formerly Pcysys)

www.pentera.io



Seeking
Investment



Cyber Security

Pentera gives you a Validated Roadmap to Exposure Reduction. Our Automated Security Platform provides the remediation roadmap you need to confidently reduce cybersecurity exposure.

Solution at a Glance

Requiring no agents or pre-installations, Pentera scans and ethically penetrates the network with the latest hacking techniques, prioritizing remediation efforts with a threat-facing perspective. With Pentera, a company can maintain the highest resilience posture by performing penetration tests as frequently as needed. Pentera covers the scope of what is nowadays managed by several separate tools, including vulnerability assessment, security control validation, credential strength validation, segmentation integrity, sensitive data hygiene, network equipment testing, and privileged access audits.

Technological Innovation Product Differentiation

Impact Prioritization

- Identifies true risk and security exposure so you can focus on the actual risk.
- No agents. Agentless, low-touch, fully automated platform that requires no prior knowledge of the environment.

Model attacker behavior

- With Pentera, security teams can think and act as your adversary does, giving you the insights required for anticipating and preventing an attack.
- Safety by Design. Do-no-harm policy with no locked users, zero network downtime, and no data manipulation.

Unlimited scale

- Increase scope and speed of testing to cover the full enterprise attack surface.
- Remediate with confidence
- Risk-based remediation roadmap with actionable insights that you can immediately execute.
- Attack for ATT&CK
- Validate and prioritize all possible adversary actions, keep detection coverage current at optimum efficacy.

Company References & Strategic Partners

All partners on our website partner page: <https://www.pentera.io/partners/>



AI | Telecom & Mobility | Cloud & Big Data | OTT | Cable/Sat, Broadcasters, Publishers

Talamoos is a leading AI and Big Data based prediction platform that provides state of the art personalization and recommendations in real time.

Solution at a Glance

Talamoos is a leading AI and Big Data based prediction platform that provides state of the art personalization and recommendation. The platform predicts in real time what your users would like to do next in order to increase revenues and engagements. Basically a recommendation engine on steroids. Talamoos generates real time predictions for over 250 million unique users a year.

Technological Innovation Product Differentiation

With extra focus on video, Talamoos provides OTT players, broadcasters and any direct to consumer app access to the next generation of content discovery, individual recommendations and true real-time personalization, across all channels.

With its “intelligence as a service” layer, Talamoos enables companies to leverage to power of Big Data and AI within days instead of multiyear projects.

Company References & Strategic Partners

- ZEE5 - One of the biggest OTT platforms in the world
- Altice (Hot) – leading cable company in Israel



ThetaRay developed SONAR, an AI-powered, transaction monitoring SaaS solution for cross-border payments that allows banks to expand their business opportunities by achieving safe and reliable cross-border payment monitorization.

Solution at a Glance

ThetaRay's groundbreaking, AI powered, Transaction Monitoring SaaS solution for Cross Border Payments allows banks to expand their business opportunities by achieving safe and reliable cross-border payment monitorization. ThetaRay's technology is the only packaged SaaS offerings that analyzes SWIFT traffic, risk indicators and client/payer/payee data to detect anomalies indicating money laundering activity across complex, cross-border transaction paths. For further information go to www.thetaray.com

Technological Innovation Product Differentiation

ThetaRay's technology is the only packaged SaaS offering that analyzes SWIFT traffic, risk indicators and client/payer/payee data to detect anomalies indicating money laundering activity across complex, cross-border transaction paths. It is also one of the only AI-driven AML solutions that can be easily integrated and deployed within days, with minimal implementation required. ThetaRay's solution increases detection capabilities for both supervised and unsupervised data, and includes profiling and advanced analytics assessments, all in one platform. Financial organizations that rely on highly heterogeneous and complex ecosystems benefit greatly from ThetaRay's unmatched low false positive rates.



Toka helps nations to build national level cyber resilience to defend the digital landscape and strengthen homeland security.

Solution at a Glance

Toka Cyber GRC Automation solution is a proprietary, no-code platform powered by Commugen, that helps regulators and regulated organizations' CISOs and security teams to assimilate cross-sector and internal cyber safety culture. The platform allows operators to scale GRC operations in unmatched effectiveness; Compliance & Risk Assessment, Supply Chain Risk Management, MITRE ATT&ACK Readiness, Training and Simulations, visibility to international frameworks & standards adherence - to build long-term resilience.

Being a no-code platform, the system is the fastest to deploy, allows easy collaboration, simplifies processes, increases efficiency, and ultimately reduces risk. Leading government and private sector organizations chose our platform - the Israeli National Cyber Directorate, 60% of Israel's banks, financial institutions, and large publicly traded companies - Amdocs and Teva.

Technological Innovation Product Differentiation

The Cyber GRC Automation Platform is based on Commugen's No-Code technology. The technology provides a comprehensive framework for enterprise information flow and the use of information over time - enabling a quick implementation of a tailored solution. The solution can also be easily adjusted over time by the business owner, to reflect changes in business needs and regulatory requirements. With BI data visualizations, full search, customizable alerts, powerful reporting, rules and automation engine and a REST API - The cyber GRC helps CISO's automate, save time and reduce effort and hard work.

Company References & Strategic Partners

Toka is a recognized supplier for the World Bank and for the Inter-American Development Bank, selected to lead national-level cyber strategy and capacity-building projects in Africa, Europe, and Latin America.



Trackimo develops leading end-to-end IoT solutions that keep people and businesses connected to each other and their belongings through real-time location tracking.

Solution at a Glance

Based on advanced proprietary technology and supported by its range of tracking devices, Trackimo provides bespoke and affordable IoT solutions that can be customized according to every business' unique requirements. The solutions range between B2B / B2B2C and B2C uses and rely on real-time location tracking from anywhere in the world via a dedicated web platform and app that allows users to set customized alerts based on geofencing, speed and movement monitoring.

Technological Innovation Product Differentiation

Trackimo's technology allows for its solutions to be affordable without compromising on the quality of its service and devices with international coverage in over 190 countries around the globe and a proprietary chipset supporting 2G/3G/4G, Cat-M1, Bluetooth and WiFi connectivity.

TriEye is the developer of the world's first CMOS-based Short-Wave Infrared (SWIR) sensing technology, providing HD SWIR imaging in all visibility conditions and remote material sensing capabilities.

Solution at a Glance

Existing machine vision systems lack the ability to detect and recognize potential threats and machine malfunctions beyond the visible spectrum. However, in the Short-Wave Infrared (SWIR) spectrum it is possible to see through adverse visibility conditions and materials become more detectable in comparison to standard cameras, thus it allows these systems to “see” beyond the visible. TriEye, with its world's first CMOS-based SWIR sensing technology, enables these capabilities for mass-market applications, which until now was deemed too expensive. TriEye's HD SWIR sensor, the Raven, enhances machine vision capabilities and assists in the detection of visible and invisible issues, enabling machine vision systems to accomplish tasks that were previously unattainable.

Technological Innovation Product Differentiation

InGaAs-based SWIR sensors have been around for decades only serving niche industries (i.e. aerospace, science, defense) due to their high costs, low production yield, and large form factor. TriEye's innovation introduces HD SWIR sensing solutions for mass-market applications. Its CMOS-based SWIR sensor, the Raven, provides high-resolution imaging that is cost-effective, scalable, and has a small form factor. TriEye's solution can be easily integrated with any machine vision system because it can analyze image data using existing AI algorithms, and be mounted behind glass, allowing for seamless integration and significantly shortening time to market.

Company References & Strategic Partners

TriEye is trusted by leading global companies that operate within diverse industries that face complex vision challenges. TriEye is working within the ADAS and AV space in partnerships with top-tier OEMs and Tier-1s, including Porsche, and global automotive supplier DENSO. The company is also partnering with Continental Engineering to ensure full visibility of Driver Monitoring Systems (DMS). Moreover, TriEye has recently announced its collaboration with Trimble, a leader in machine control technology for agriculture and construction. In terms of global presences, TriEye has secured collaborations with partners across the globe within the U.S, Europe and Japan, including leading companies in the biometrics, industrial, home appliances, agriculture and medical market segments.



Waterfall Unidirectional Security Gateways enable safe IT/OT integration, disciplined control, and real-time industrial network monitoring.

Solution at a Glance

The Unidirectional Security Gateway enables real-time access to information from the industrial site is made available, enabling IT/OT integration, operational visibility by headquarters, vendor monitoring, industrial cloud services, and many other advanced and critical business needs. Waterfall's Unidirectional Security Gateway is the enabling technology for all these operational requirements, while keeping the industrial control network out of reach from remote attacks.

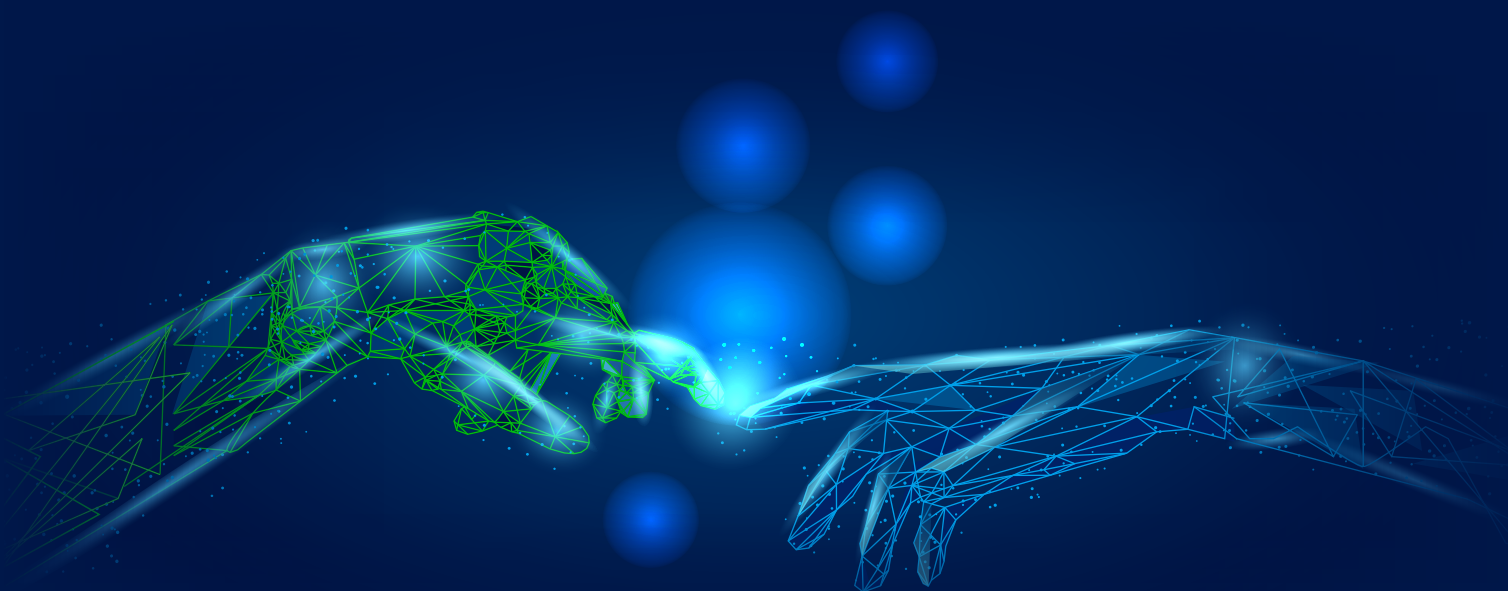
Technological Innovation Product Differentiation

Waterfall's flagship product, the Unidirectional Security Gateway, creates an impassable, physical barrier eliminating the possibility of external online attacks from reaching the industrial environment.



ISRAEL @ GITEX

TECHNOLOGY WEEK



This publication is for informational purposes only. While every effort has been made to ensure that the presented information is correct, The Israel Export & International Cooperation Institute assumes no responsibility for damages, financial or otherwise, caused by the information herein.

© September 2021 The Israel Export & International Cooperation Institute
Production: IEICI Media and Communication Division | Design: Ayala Eylath

www.export.gov.il