Israel's Defense Industry

Solutions for Pandemic Challenges

Defense Technology Meets Current Needs

The COVID-19 pandemic has widespread, causing dramatic economic, social and security- related consequences. The health and safety of civilians have become the top priorities of world leaders and governments. At a time that requires rapid innovation and problem-solving, the defense industry has proven to play a vital role in supporting the authorities handling this crippling crisis

Government authorities seek advanced yet flexible solutions that may be deployed easily to maintain the health and safety of civilians affected by the pandemic

Israel's defense companies are known for their experience and expertise in rapidly developing and producing solutions to address the various needs of authorities during times of emergency The following will present a wide range of advanced solutions including unmanned systems for law enforcement and health authorities, personal protection equipment for security and medical teams, , advanced mobile monitoring and control systems, risk assessment software, video and EO/IR surveillance systems for public safety, and more.

Israel's leading defense industry seeks opportunities for cooperation with international partners, to provide solutions to current and urgent needs. The International Defense Cooperation Directorate (SIBAT), in the Israel Ministry of Defense, leverages the extraordinary capabilities of Israel's defense industries and welcomes you to explore their solutions as a means to address today's most pressing challenges.

SIBAT – ISRAEL MINISTRY OF DEFENSE

SIBAT, the International Defense Cooperation Directorate at Israel's Ministry of Defense (IMOD) is uniquely positioned within the Ministry, while also having a close, ongoing relationship with the defence industry. This ensures SIBAT's ability to maintain in-depth, up-to-date knowledge of relevant concepts, as well as a clear understanding of the Israel Defense Forces' (IDF) operational needs.

SIBAT's extensive global presence – backed by knowledgeable, well-trained representatives – enables effective cooperation and coordination between Israeli and foreign companies, and between Israel and governments around the world.

Among its most valued services are the initiation of collaborative ventures and long-term partnerships, the matching of needs with technologies, and the creation and support of government-to-government agreements.

The directorate identifies, initiates, develops, and supports business opportunities for Israel's hundreds of defence-sector companies. SIBAT's capabilities and experience ensure the effective implementation of government-to-government, business-to-government and business-to-business models. As a key intermediary between Israel's defence establishment and foreign security agencies, military forces, and global industries, SIBAT plays a central role in developing and maintaining these relationships.

Index by Alpha Order and Application

Company name	Page	Advanced Diagnostic & Medical Tools	Border & Infrastructure Protection	Monitoring, Detection & Analysis	Protective Measures and Containment	Situational Awareness & Management Systems	Unmanned Solutions
AMSTAF	1		■				■
Astronautics	2				■		
Beth-EL Industries	3				■		
Bler Systems	4			■			
BlueBird	5		■				■
Corsight AI	6	■		■			
ECI	7					■	
Elbit Systems - Land	8	■					
Elbit Systems - C^{4}I & Cyber	9					■	
IAI Elta	10	■					
ISI	11			■			
MAGEN	12			■			
Mantak IMOD	13	■				■	
Marom Dolphin	14				■		
Nemesysco	15			■			
NgSoft	16			■			
NSO	17			■		■	
RAFAEL	18					■	
Rayzone	19					■	
Robotican	20	■					
RT	21		■				■
SCD	22			■			
Septier	23			■			
Seraphim	24		■				
Shalon	25				■		
Shilat	26		■				■
Sky Sapience	27		■				■
Suspect Detection Systems (SDS)	28			■			
Toka	29					■	
TrekAce	30			■			
Tri-Logical Technologies	31			■			
Troya	32			■			
TSG	33					■	
Verint	34			■		■	
WaveGuard	35			■			

AMSTAF-
UGV Amphibious all terrine for HLS/Defense/Civilian
Mission & vision

The AMSTAF UGV is the ideal solution for airports and borders protection during epidemic breakout. A fully autonomous system, 24/7, for reconnaissance, intelligence, CBRN, search & rescue, riot control, landing and logistic missions, in harsh environment, while saving lives and protecting the forces. by preventing life risk.

Carrying special sensors, the AMSTAF can be used for fire extinguishing, cleaning solar panels systems and virus purifying and sterilizing.
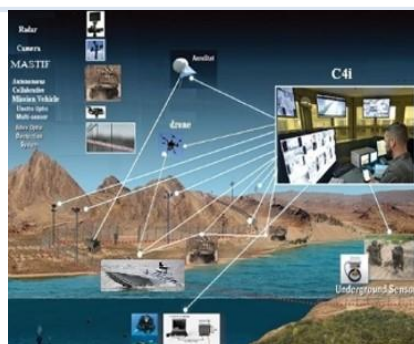
AMSTAF Technology: Includes our Intellectual Property Software, driven by two silent electric engines allowing continuous operation of up to 48 hours between refueling using fast charge LiFePO4 batteries & diesel generator. The A.I autonomous and collaborative software: multi task path planning, interfacing and reacting to inputs from external sensors. Decisions making, obstacles avoidances, following convoy, secured cyber communication, video analytics, guns and drowns operating. The S.W. Layers: A. OCU (Operator Control Unit) is friendly User Interface, B. RCU (Robot Control Unit) which includes: UGV Low Level Control, Reactive behaviors - Interpreting vehicle GPS & Heading, reacting to obstacles, Cognitive layer - responsible for the UGV actions, missions and team collaboration, Controlling systems for the UGV's reacting tools. The S.W. is standards-based high-level decision performing with UGV teammates for surveillance, patrolling, complex and dynamic missions, using threats analysis to choose the action to detect, prevent and reacts to.

The customers: HLS Security and Rescue forces in borders & critical infrastructure sites like: airports, oil & gas facilities, army bases, nuclear power stations & more.

https://youtu.be/Kk-eDS2vtZ4

AMSTAF-UGV
7 Havradim St., Israel
Amos Goren CEO
(M) +972-54-9033265
amos@amstaf-ugv.com

ASTRONAUICS C.A LTD.

The Corona-Buster
Hawkeye – Aqueous Ozone Disinfectant Delivery System

Astronautics, an established defense and aerospace avionics supplier offers a Corona virus disinfecting solution that uses Astronautics' aerospace and engineering knowhow and expertise to fight against coronavirus infection in facilities, hospitals, military campuses, schools, air-fields, hotels and many other critical infrastructures.

Partnering with the US company Badger, Astronautics developed the Corona disinfectant system, a highly reliable corona-buster that kills the coronavirus on any spayed surface, quickly, effectively and at a very-low recurring cost (no chemical materials required).

The Hawkeye is a portable aqueous ozone mist based on a disinfectant system to effectively sterilized any infected surface with coronavirus. Ozone is a well known and proven gas for distinguishing viruses, germs and bacteria. 50 time more powerful and over 3,000 times faster than a chlorine bleach, it uses only water, air and electricity, with virtually no recurring costs.

Ozone molecules attack contaminants, penetrate the cell membranes and destroy them effectively.

As such, Hawkeye Corona-baster provides:

- Effective and quick destruction of coronavirus in the treated area
- Clean - no residual chemicals and/or smell
- Treated area and/or rooms are ready for re-use within a couple of minutes
- Very low recurring cost

ASTRONAUICS C.A LTD.
Martin Gehl 16, Petah-Tikva, 49130 Israel
(T) +972-3-925-1530
(E) Astro@Astro.co.il
(W) www.astronautics.co.il

BETH-EL ZIKHRON YAAQOV INDUSTRIES LTD.

The IsoArk Mobile Isolation Chambers are designed for rapid setup of an effective and self-contained environment, quickly making any space into an isolation room while exceeding today's standards for airborne infectious isolation, including CDC guidelines. The IsoArk N36 Stretcher Isolation system provides maximum protection and operational safety for both the patient and medical/first responder team during land and air transport as well as during transport within the hospital.

The IsoArk biological filtration units are equipped with a highly efficient HEPA filter, combined with a powerful UV light. The HEPA filter traps the airborne particulates, aerosols, and viruses, which are then destroyed by the UV light source, preventing the accumulation of living microorganisms in the system. The systems can be used in negative pressure applications with the IsoArk or in positive pressure with the SteriTent for clean room applications, utilizing the available infrastructure

Founded in 1974, Beth-El Zikhron Yaaqov Industries Ltd. is a leading designer and manufacturer of CBRN Air Filtration and Air Treatment Products and is trusted worldwide for their expertise and customer oriented solutions. Beth-El Industries maintains the highest certification levels with the certified quality assurance program (ISO 9001) since 1995

BETH-EL ZIKHRON YAAQOV INDUSTRIES LTD.
AvShalom Road 1,
Zkhron Yaaqov, Israel
(T) +972 4 629 9947
(E) a.gluska@beind.com
(W) www.beind.com

IsoArk Isolation Systems
Portable isolation chambers and stretchers

BLER SYSTEMS

Bler Systems' contribution to the fight against COVID 19 - **COVID RADAR** – was developed to detect, present, alert and prevent virus spread in crowded areas where infected individuals put everybody else around them at risk.

COVID RADAR allows to select any location worldwide, and profile crowded areas to locate infected people, send notifications and keep the population safe.

COVID RADAR presents on a map the crowded areas that may consist of infected population. It identifies coronavirus carriers, sick people outside quarantine, or unauthorized crowding attendants.

The system uses GPS technology and data mining based only on public information.

Bler Systems is a developer and provider of advanced security and cyber intelligence solutions for threats identification.

BLER solutions enable organizations to extract hidden insights from multimedia interactions and improve intelligence and business operations. Meeting customers' mission-critical operational needs, Bler's systems serve enterprise organizations, financial institutions and government agencies worldwide.

See brochure in the following link:

A video about COVID RADAR https://www.youtube.com/watch?v=BmR8pDQpTFs

Spanish and Italian version https://www.youtube.com/watch?v=VmvkmcAw3zg
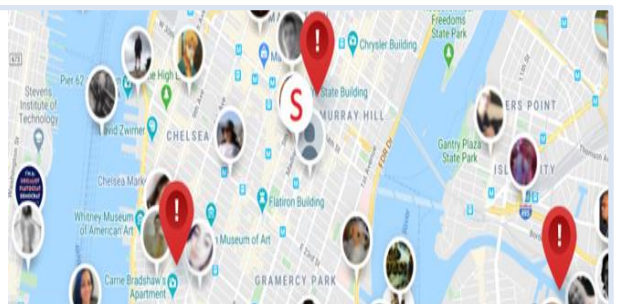
BLER SYSTEMS
30 Shaham ST. Petah Tikva, 4951726
Israel
(T) +972 39173275
(W) www.blersys.com
(E) info@blersys.com

BLUEBIRD AERO SYSTEMS LTD.

BlueBird Aero Systems offers utilization of mini and small tactical UAS for supporting Law enforcement agencies and first responders during the pandemic breakout

During a complex situation, caused by pandemic breakout, law enforcement agencies and first responders are facing new challenges in which the use of mini and small tactical UAS extremely enhances situation awareness, operational flexibility and cost-effectiveness in performing their missions.

Using small tactical UAS, flying over inhabited areas, such as cities and villages, as well as over uninhabited areas like national parks, long coastlines, border lines and more., providing high quality, real-time, day and night imagery, enables real-time monitoring of these areas to identify unauthorized gathering in order to maintain social distancing and thus preventing the spread of the virus and keeping order and public safety (whether there are protests, riots, looting, etc.). Furthermore, assisting in a civilian emergency situations and monitoring illegal border crossing of individuals and goods that may carry the pandemic virus.

BlueBird's mini and small tactical long-range, long-endurance UAS enable wide area coverage in a short time and are operated by two crew members only, who are operating the systems remotely, thus are being kept safe.

BlueBird offers a wide variety of mature, operational UAS in service of the military, homeland security (HLS) and civilian end-users in Israel and throughout the world.

Bluebird's mini and small tactical UAS family includes:

System	Takeoff & landing method	Endurance	Control Range
SpyLite	Launched from a small deployable ground launcher, recovered by a reusable parachute and airbag in any open area	up to 4 hours	80km
ThunderB		Over 24 hours	150km
WanderB-VTOL	Vertical takeoff & landing (VTOL) in confined areas	2.5 hours	50km
ThunderB-VTOL		over 10 hours	150km

BLUEBIRD AERO SYSTEMS LTD.
8 Hamatechet St., Kadima 6092000, Israel
(T) +972-9-899-9335
(M) +972-52-850-9588
(E) Itai@bluebird-uav.com
(w) www.bluebird-uav.com

CORSIGHT AI LTD.

Todays' biggest threats are infectious diseases which are incredibly difficult to detect and might be lethal. Corsight Fortify Thermal Camera Integration helps identify these invisible threats and creates a protective shield by identifying people with high body temperatures and preventing them from entering into any facility.

The Corsight Fortify registers the identified targets' mathematical signature and prevents them from re-entering the premises until they are healthy and no longer pose a health threat to others.

How Does it Work?

Fortify Thermal Camera Integration identifies the body temperature of individuals in a large crowd and generates an alert to prevent the potentially infected person from entering the premises. Simultaneously, the system records their face in a special time-lapse database. Over the course of the next 24 - 48 hours (user configurable) the system will identify the infected individuals in case they try to re-enter the facility, even in the case of normal range body temperature. Once the preset time has elapsed, the database is being updated and the individual can enter the premises once again.

What About Protecting our Privacy?

In line with Corsight's commitment to privacy, the images of all persons with normal temperatures are not captured in the system and their faces are being blurred to the system operator. The only images captured are of those individuals with a high body temperature who therefore may pose a health risk to others. The system identifies them and their location, in real time and relays the information to the system operator. Reference images of sick people are deleted from the system and it only stores the mathematical signature that represents their face so that the actual face photos cannot be recreated from this unique mathematical signature.

Video Demonstration
https://drive.google.com/open?id=1WuGHHnoMEwO4k0qtAFSe_ZbiWOn2YEbJ

CORSIGHT AI LTD.
Montefiore 39 Tel Aviv, Israel
(T) +972-3-540-3293
(E) information@corsight.ai
(W) www.corsight.ai
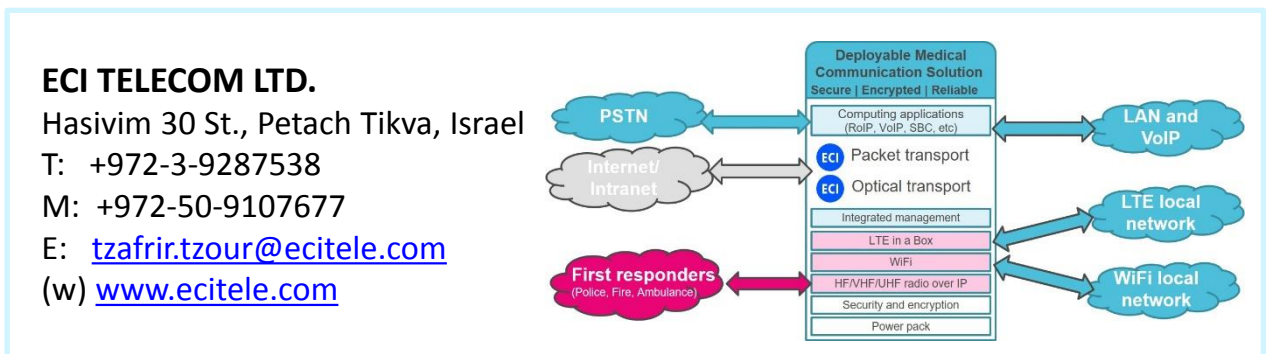

SIBAT סיבת

ECI TELECOM LTD

Deployable Medical Communication Solution (DCMS)

Emergency situations require new medical facilities like hospitals and laboratories to be set-up at a very short notice. These medical facilities need a high-quality, highly reliable, advanced communications network enabling the delivery of medical intelligence information to the medical teams at any given time.

ECI's Deployable Medical Communication Solution (DCMS) provides the right solution, designed as a box, it is a rapidly deployable, providing secured communications platform with converged, multi-access backhaul connectivity that caters at a cloud enabled computing infrastructure, which can be adaptively sized. Zero touch deployment allows the system to be set-up with limited manual intervention and a multi-faceted security suite guarantees data and connection security.

Product highlights:

- **Mission critical customizable solution**
  Built around a fully redundant, scalable, switch (32-400 ports), the solution provides agility with configurable features and capabilities (MPLS, QoS, VOIP, SBC, VIDEO, Push to talk, etc)
- **Multiservice, multi-technology**
  Able to support services and applications delivered over multiple access mechanisms and backhaul (Fiber-optics /Microwave / Legacytransport /Satellite /LTE etc.)
- **Ready for action**
  Rapidly ready for action with tools designed to simplify deployment.
- **Highly secured**
  Provided with a full suite of security mechanisms (protection, encryption and more.)

ECI TELECOM LTD.
Hasivim 30 St., Petach Tikva, Israel
T: +972-3-9287538
M: +972-50-9107677
E: tzafrir.tzour@ecitele.com
(w) www.ecitele.com

ELBIT SYSTEMS LTD.

Elbit Systems solutions address the unique needs of health and public safety teams for efficient, reliable and rapid response during pandemic outbreaks and other medical crises. Easily deployed and implemented, the solutions incorporate advanced technologies to provide real-time crisis management capabilities, optimal health team collaboration and safety and effective monitoring and patient screening. The solutions :

Ex-Teams - a cross-organizational, multi-user collaboration capabilities supporting voice, video, location and chat connectivity for rapid communication and transmission of information. Ex-Team is integrated with robotic systems, sensors and devices enabling remote treatment and monitoring. It is provided as a service through an encrypted, cloud-based system, for immediate operation via a downloadable app.

E-Res - remote vital signs monitoring using a miniature radar and unique optical sensor to provide real-time accurate respiration, pulse and temperature measurements from a safe distance. Modular, flexible and hygienic, the configurable system incorporates advanced technology components and analytics capabilities to provide an efficient and accurate non-contact screening solution for patient evaluation, facilitating decision-making for continued treatment. Eliminating the need for direct contact with the patient, the system shortens testing time and offers improved safety for patients and healthcare personnel.

E-Mas 360 - an advanced crisis management tool providing a centralized, compartmentalized situational awareness picture for all crisis response resources, based on a commercial infrastructure. The system empowers authorities to efficiently predict, prevent, and respond to outbreaks in real time. Using advanced data mining techniques, the system helps to slow the spread of disease by identifying infection hotspots and enabling real-time event monitoring.

Elbit Systems C4I and Cyber Ltd.
Hamachshev St., Netanya 4250712, Israel
(T) +972 9-8898194
(M) +972 544649303
(E) hila.rudko@elbitsystems.com
(W) www.elbitsystems.com

ELBIT SYSTEMS LTD.

The Coronavirus pandemic has been massively affecting the entire globe. Along with causing severe damage to the world's public health & economy, covid-19 has exposed an acute global shortage of ventilators, highlighting the need for large-scale accessibility and deployment of ventilation devices in times of crisis.

Elbit systems Land Ltd. has awarded a contract by the Israeli Government to design and manufacture thousands of units of pandemic response ventilators for the use of Health Authorities, defense forces and Special Forces.

The Life-Can ventilator developed in cooperation with doctors, engineers, and regulation personnel to provide cost-effective, mechanical ventilation for a wide range of clinical settings, for immediate and wide-scale deployment.

Suitable for initial respiration care for sub-acute patients, the lightweight, compact and portable device incorporates patented technology that enables a standard manual Bag Valve Mask (BVM) to operate as an automatic-mechanical ventilation machine.

Meeting the standards of performance and safety required for emergency ventilators Life-Can also meets the British MHRA-RMVS standard and is approved for use by the Israeli Ministry of Health as well.

As a readily available ventilation solution, Life-Can designed for quick, easy and intuitive operation for use by medical personnel, and enables even non-professionals health care providers to operate several devices simultaneously with minimum training required.

Using Life-can strikes the need to use expensive hospital ventilator machines that must be reserved for the most critically ill patients and helps medical/paramedical teams to better cope with emergency situations and mass casualty events when a vast number of people might need crucial initial-stage respiration care.

ELBIT SYSTEMS LTD.
(M) +972-544-649202
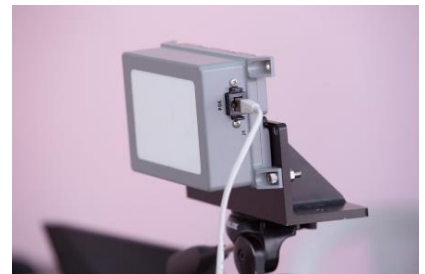(E) uri.naor@elbitsystems.com
(W) www.elbitsystems.com

IAI - ISRAEL AEROSPACE INDUSTRIES LTD.
ELTA

The new reality of virus pandemics necessitates safeguarding people entering government facilities, businesses, mass transportation, public institutions, sports venues, and hospitals from exposure to contagions.

To meet the challenge of providing more reliable screening in high traffic areas, ELTA has designed a unified, remotely operated system able to accurately test body temperature, heart and respiratory rates in a few seconds. By integrating ELTA's field proven, unique, very low power radar sensor and a high-performance thermal camera together with an intelligent, easy to operate application which uses Artificial Intelligence (AI), an optimized solution has been achieved - TAMAR.

TAMAR is a commercial off-the-shelf modular solution that remotely detects, with a very high level of accuracy, individuals that may be infected with respiratory-based viruses or other related illnesses. Operated at a distance from the subject, the system quickly and reliably determines whether a risk is posed, displaying a pass/fail green or a red alert in accordance with predetermined thresholds. The display of additional physiological parameters is also available to the operator such as temperature of different body parts (hand, forehead, nose, and mouth), heart and respiratory rates.

TAMAR operates as a closed system. Sensor data is not stored or transmitted, alleviating privacy concerns. TAMAR's application was developed with sophisticated AI algorithms. Data collected from the sensors is quickly and automatically computed and displayed without human intervention. The procedure is designed to be quick, automated and simple in order to handle high traffic while maintaining social distancing.

ELTA SYSTEMS LTD.
100 Yitzchak Hanasi Blvd.
P.O.B. 330 ,Ashdod 7710202 ,Israel
(T) +97288572-333
(E) market@elta.co.il
(W) https://www.iai.co.il/about/groups/elta-systems

IMAGESAT INTERNATIONAL NV (ISI) LTD.

Earth observation satellites are perfectly designed to support crisis management efforts on national and local scales. The COVID 19 crisis is no exception as it influences civilian, commercial and military activity. All of these changes can be detected and monitored from space. Relevant local and national agencies can use remote sensing satellites to both monitor and apply relevant policies such as mobility restrictions etc.

ImageSat International NV (ISI) is a worldwide provider of high-resolution commercial satellite earth-imagery, serving national defense, intelligence and homeland security agencies, as well as civil ones for commercial applications. As an Israeli space company and a strategic vendor to the Israeli Ministry of Defense, ISI owns and operates a highly maneuverable and ultra -resolution satellites "EROS-NG constellation". On top of its proprietary constellation, ISI enables access to additional Electro Optic and Synthetic-aperture radar (SAR) Satellites.

ISI Satellite can be used for monitoring specific COVID - 19 related areas of interest, and assist with the management of such crisis situations. For example, its offerings include the evaluation of crowded activities by monitoring and analyzing the volume of vehicle movements on roads, or monitoring vehicle presence in car parks and trucks in logistics areas during commercial activities, or to monitor the effectiveness of mobility limitations between cities and counties. The ISI satellite can image main roads that connect cities and counties, and evaluate the traffic volume. Similarly, monitoring of traffic on rivers is available as well and so is the detection and control of people traffic through borders.

IMAGESAT INTERNATIONAL NV (ISI) LTD.
6 Yoni Netanyahu St. Or Yehuda 6037604, Israel
(T) +972-3-7960600
(E) Liron.v@isisat.com
(W) https://www.imagesatintl.com/

MAGEN LTD.

MAGEN's Solution for Coronavirus Outbreak Prevention

MAGEN's pandemic outbreak prevention technological solution was developed for decision makers within the government sector, providing them with actionable insights for mitigation and prevention of the virus spread, using mapping & cross analysis capabilities, quarantine monitoring & enforcement and planning & mitigation strategies.

The Pandemic Spread Prevention solution is based on advanced, proprietary technologies (Wi-Fi, BT, AI) allowing passive monitoring of individuals without any privacy violations. The system can easily integrate with the client's existing systems and databases for more enriched data, creating a tailor-made solution for specific needs.

MAPPING & CROSS-ANALYSIS CAPABILITIES

- Visual mapping of locations visited by confirmed infected individuals
- Detecting highly risked citizens based on shared locations with infected individuals
- Retroactive tracking of digital signatures of infected individuals

QUARANTINE MONITORING & ENFORCEMENT

- Live location monitoring of individuals with pandemic virus to ensure quarantine restrictions are followed
- Real-time alerting in case of quarantine violation by infected individuals

PLANNING & MITIGATION STRATEGIES

- Detecting existing and forecasting potential high-risk zones
- Automatic learning of infected individuals' activities to anticipate and prevent future outbreak
- Immediate detection and alerting of fake news regarding COVID-19

MAGEN LTD.
21 Ha'Aarbaa Street, Tel Aviv 6473921, Israel
(T) +972 3 9702720
(M) +972 54 5640938
(E) dafna@ma-gen.com
(W) www.ma-gen.com

MANTAK
Merkava & Armored Vehicles Directorate/IMOD

The Tank and APC Administration (Mantak in Hebrew), is responsible for the design, development, production and deployment of the "Merkava" tank and armored vehicles for the Israel Defense Forces.

Mantak specializes in various areas including mechanics, electronics, software and system engineering. In addition, the administration operates a supply chain of more than 200 suppliers in Israel and around the world.

The COVID-19 pandemic drove many units in the IDF and the Israel Ministry of Defense to offer technological solutions for the new challenges created by the crisis.

The following is an example of a tech solution developed by the defense establishment for the purpose of addressing the challenges that arose during the pandemic.

Eyedoc – Remote patient monitoring system based on video processing and AI"

The basic concept of the system is digitizing patients' data: switching the raw physiological stats picture from monitors (with no LAN connection) to digital information that can be used, analyzed, presented, summarized, stored etc.

The need: digitizing, collecting and organizing all the data from multiple patients to a central control station, enabling remote monitoring and prioritizing alerts when immediate intervention is needed, while maintaining historic data of each patient and enabling connection to hospital data network or even national healthcare data systems.

The solution: simple cameras placement in view of the relevant monitors and image processing algorithms (OCR) in order to enable digitizing , analyzing and prioritizing information to be presented in control centers (inside and outside the isolated department) and data analysis algorithms (AI) will be applied in order to produce relevant alerts.

IMOD MANTAK
Beit Haim Israeli, Kiryat Uno, Israel
(T) +972 -3-7830867
(T) +972-3-7380874
(E) UZI_SHAMAI@mod.gov.il

MAROM DOLPHIN LTD.

Marom Dolphin supplies personal protection equipment, suitable for use during epidemic outbreak, including:

Face shield

Plastic face shield, protecting against dust and liquid splashes. The face shield has an elastic strap to fit around the head, at all sizes. Top of the shield is cushioned for better, more comfortable fit and to keep the shield at a workable distance from the face.

Thickness: 0.25mm, Shield size: 300mm wide, 200mm tall

Forehead cushioning: 20 mm foam, Total weight: 29 grams

Personal Protective Clothing

Disposable protective suit (coverall)
- Protection level:
  Type 5 (EN ISO 13982-1)- Dust and particles protection & Type 6 (EN13034)- Splash protection
- Protects the entire body including the head
- Weight - 410 grams per unit.
- Color – white or light blue.
- Dimensions- available in different sizes.
- Allows full movement.
- Material-
- Manufactured in clean conditions
- Antiseptic against viruses
- Usage time - over 8 hours, under normal conditions
- The material is certified in accordance with standards EN 2016/425, EN 943-1-2015

Disposable gown
- Protection level: level 1, 2 or 3 according to ANSI/AAMI PB70:2012
- Material: SMS
- Breathable and water resistant

MAROM DOLPHIN LTD.
Alon Tavor Industrial Zone
P.O.Box 1126, Afula 1811101, Israel
(T) +972-4-6400797
(M) +972-54-7871429
(E) shlomo@marom-dolphin.com
(W) https://shop.marom-dolphin.com/

NEMESYSCO LTD.

Nemesysco is a leading provider of voice analytics technologies and solutions for genuine emotion detection. The company's patented Layered Voice Analysis (LVA™) reveals and measures the genuine emotions of a speaker during voice-based communications. Nemesysco's technology has applications for investigations, call centers, insurance and financial services, human resources, mental health and more, providing services to more than 40 governments around the world.

Nemesysco offers a remote voice-based solution (phone/VoIP) to test those who are in quarantine due to COVID 19 restrictions, and determine whether they are complying with authorities' guidelines. The system (a live/pre-recorded operator) will call the people in quarantine and ask relevant questions for the situation. Once the conversation will end, the system will indicate whether the person called upon was truthful in their self-testimony and will determine if there is a low, medium or high **Risk** indicated in the subjects' answers.

Links to clips/ video clips:

https://youtu.be/0bIajYXgyLA

https://www.youtube.com/watch?v=0ZDW-d5Ducw&feature=youtu.be

https://www.youtube.com/watch?v=iLZQgROV9qU&list=PLTt4C0eEW7mlMFC6e_dn-xT91VwuHSUKG&index=4&t=0s

NEMESYSCO LTD.
1 Ha'ofe St., POBox 5059,
Kadima Industrial park, 6092000 Israel
(T) +972 9 960 5894
(M) +972 50 842 7951
(E) Lior.d@nemesysco.com
(W) www.nemesysco.com

NGSOFT LTD.
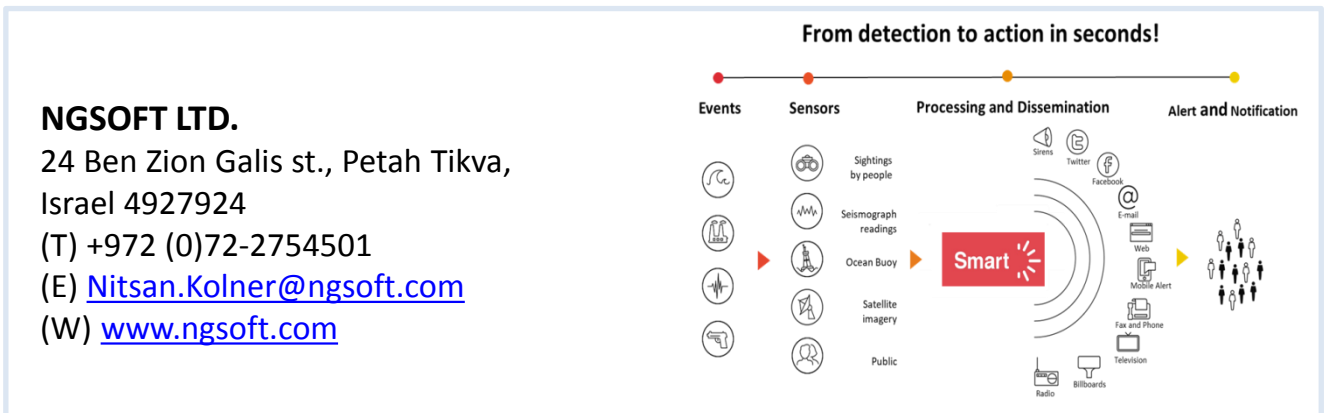
SMART Early Warning Alerting System

NG SOFT's early warning alerting system – **SMART** delivers real-time emergency alerts to millions of people within seconds. The system is designed for major crises scenarios such as earthquakes, floods and storms, human actions' originated events such as industrial mass accidents and terror, as well as for pandemic outbreaks.

The main purpose of SMART is to inform people of a pending life-threatening danger by using their smartphones or any other communication channel to provide information and alert regarding evacuation or other lifesaving activities.

SMART has successfully operated in various life-threatening, extremely difficult environments around the world, successfully withstanding harsh conditions through violent mass conflicts, earthquakes, tsunami & volcanic eruption and other such extreme situations, and has demonstrated flawless performance.

Especially designed to deal with COVID-19, its location and proximity algorithms based ConFine cell-app module enables tracking population and identifying potential infection. Life-saving and field proven, SMART never misses any alert. As a state/city to citizen direct communication tool, it offers a direct channel dedicated to updating public with any crucial information of their concern, hence dramatically improving people's sense of security. This applies to tourists and foreigners as well.

The system is operational among various customers worldwide, serving multi-millions populations for over ten years and saving lives.

NGSOFT LTD.
24 Ben Zion Galis st., Petah Tikva,
Israel 4927924
(T) +972 (0)72-2754501
(E) Nitsan.Kolner@ngsoft.com
(W) www.ngsoft.com

From detection to action in seconds!

Events | Sensors | Processing and Dissemination | Alert and Notification

Sightings by people
Seismograph readings
Ocean Buoy
Satellite imagery
Public
Smart

Sirens
Twitter
Facebook
E-mail
Web
Mobile Alert
Fax and Phone
Television
Radio
Billboards

NSO GROUP LTD.

FLEMING - An Advanced Analytics System

Fleming - an epidemiological analytics system was developed specially to meet pandemic challenges, with partnership of epidemiologists and public health experts.
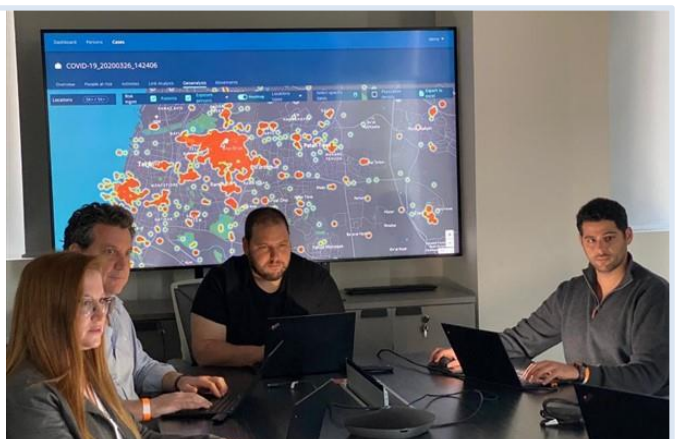
Fleming features an advanced mapping tool that identifies the spread of the virus in real-time, empowering health and government decision-makers, backed by the date, to quickly mitigate the pandemic.

By utilizing the Fleming system, decision makers can more effectively deploy resources, including critical supplies and medical personnel, and implement public health protocols that help contain the spread. In addition, Fleming is helping officials develop strategies to reopen economies in regions where the pandemic no longer poses a serious health threat. The technology anonymizes all data inputted by the operator, which adds an additional layer of privacy and security. Fleming is already being operated by countries around the world as health officials work to stop the spread of COVID-19 and keep citizens safe and healthy.

https://www.nsogroup.com/fighting-the-covid-19/

NSO GROUP LTD.
https://www.nsogroup.com/

RAFAEL ADVANCED DEFENSE SYSTEMS LTD.

The 'Day After' with RAFAEL's WISDOM STONE – Continuous management, monitoring, analysis and prediction over time.

WISDOM STONE by RAFAEL is a cloud-based Big Data SaaS platform that provides an end-to-end solution for governmental authorities and civilians to predict and contain any pandemic, managing the 'Day After' strategy and day-to-day life during the pandemic.

Using Artificial Intelligence (AI) and Machine Learning technologies, the system can integrate any data source, and provides decision-makers with situational awareness dashboards, prediction analysis and conclusions, enabling appropriate and efficient actions.

WISDOM STONE makes it easy to manage the 'Day After' with a set of capabilities that includes prioritizing lab testing and medical care, managing resources, and policy recommendations. This is achieved through prediction algorithms analyzing populations at risk, disease outbreak, and economic factors with known analytical models, adjusted to each customer. The solution incorporates an application forming a secure connection between civilians and authorities, while maintaining the highest standards of privacy and building trust, which is vital to combatting a national crisis. WISDOM STONE allows the country to "return to normal", while controlling the risk of future waves of infection.

RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
POB 2250, Haifa, 3102102 Israel
(T)+972 73336497
(M) +972 (54) 9988506
(E) gilial@rafael.co.il
(W) www.rafael.co.il

RAYZONE GROUP LTD.

H.E.L.P APPLICATION

HOLISTIC EMERGENCY **L**OCATION **P**LATFORM FOR COVID-19 MONITORING

The COVID-19 pandemic and its effects on health systems, the economy and daily life raises an acute need for control over the rate of the spread. To cope with this threat, Rayzone Group has developed the H.E.L.P. Application (Holistic Emergency Location Platform), based on proven technological and operational infrastructure.

Rayzone Group's H.E.L.P. Application is a platform designed to provide a white label solution for the customer-journey. The application's use for pandemic monitoring provides the capability to build a complete platform that provides bidirectional use for both the authority managing the application as well as for the civilians who download it.

It can be fully customized according to specific needs, allowing for groups, feeds, chats, location history, forms and more, geared to pandemic prevention. The application essentially provides a channel that keeps the transfer of both communication and data fluid.

Citizens can use the platform to follow public announcement health directives, remotely receive/deliver personal health information as well as follow real-time mapping of the spread, which is based on integration with big-data. Meanwhile, health authorities can monitor citizens' movements, deliver directives to individuals or the masses, remotely advise citizens, follow-up on medical tests, preform checks and utilize data from the application with big data integration to continuously update mappings of spread patterns.
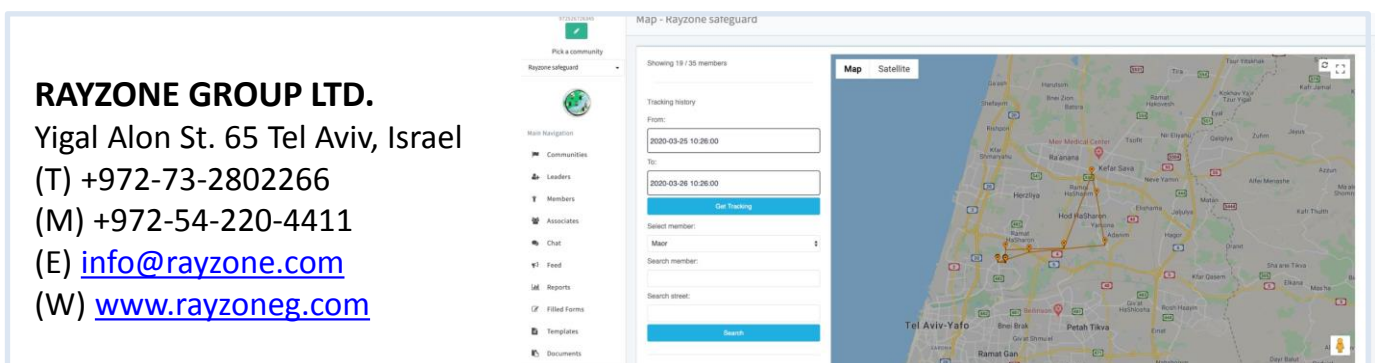
RAYZONE GROUP LTD.
Yigal Alon St. 65 Tel Aviv, Israel
(T) +972-73-2802266
(M) +972-54-220-4411
(E) info@rayzone.com
(W) www.rayzoneg.com

ROBOTICAN LTD.

Mobile platform for remote patient care and assistive logistics in virus contaminated hospitals with COVID-19 departments

The NurseeBot enables direct communication between doctors and coronavirus patients without any physical contact in order to prevent exposure that could lead to infection.

The system contains a tablet which provides video and audio from the patient's side and a computer with a camera and a microphone on the medical team's side.

COVID-19 presents many complex challenges for the medical teams. They are subject to strict regulations before entering the Coronavirus Departments, –required to wear full-body protective clothing while undertaking their heavy workload of patient treatment.

The NurseeBot saves time and human resources while protecting the medical team who no longer need to adjust to the protective gear each and every time needed to take vital signs The robot is equipped with a designated container for medical equipment and reduces the number of the actions the medical staff is required to carry out. This increases their availability to address to larger amount of urgent issues at any given time.

NurseeBot features:

1. Remote control from sterile location by medical teams
2. Ability to carry up to 50 Kgs per robot of any load for transport inside the contaminated area
3. Doctor controlled face to face patient inspection interface
4. Disinfecting UVC system UV based technology

https://www.youtube.com/watch?v=Vf3dR984m4U

ROBOTICAN LTD.
Building 8D Industrial Park, Omer, ISRAEL
(T) +972-086609234
(M) +972- 528848141
(E) info@robotican.net
(W) www.robotican.net

RT LTA SYSTEMS LTD.

A specialist in aerostat technologies RT is a world class designer, developer and manufacturer of SkyStarTM aerostats, a family of combat proven, compact and mobile, intelligence, surveillance and reconnaissance (ISR) and communications systems based on lighter than air platforms. SkyStarTM systems are operationally deployed worldwide, supporting military and security users in five continents, performing ISR, law enforcement and emergency response missions.

The Skystar systems have more than 2,000,000 proven operation hours in battle zones all around the world.

RT LTA Systems LTD. provides training and OJT services in Israel and abroad according to customer's requirements.

The unique design of Skystar aerostat allows safe operations in winds exceeding 40 knots at altitudes of up to 1,500 feet. The optical sensor suite is capable for high resolution day/night, Omni-directional operation with zoom and video recording features. The well integrated and user focused designed approach enables the aerostat to be launched and recovered in less than 30 minutes by a maximum of three personnel with minimal skills and training. Once deployed only one person is needed to monitor the system and manage the sensor data.

Applications:

Safe City l Unmanned Aerial ISR and target acquisition l Border and coastal security l Crisis and emergency management l Law enforcement and public safety, Crowd control l Search and rescue, Emergency response l Communication relay l Offshore/Onshore business continuity recovery l Event traffic/Crowd control l VIP Protection

RT provides a wide range of Skystar aerostat systems from medium- long range through small size highly mobile system to mini aerostat system for close surveillance and reconnaissance provides field's commanders with real time "over the hill" reconnaissance capability.

RT LTA SYSTEMS LTD.
18 Hidekel St., Yavne, Israel
(T) +972-8-9433616
(E) taly@rt.co.il
(W) www.rt.co.il

SCD - SEMI CONDUCTOR DEVICES

SCD - Semi Conductor Devices (SCD), a global leader in the development and manufacture of a wide range of cooled and uncooled infrared detectors and high-power laser diodes – has recently started the development of a system that will remotely monitor physiological parameters, assisting medical personnel in their diagnostic process. The system's development is a combined effort led by the Israeli Ministry of Defense (IMOD) Directorate of Defense Research and Development (DDR&D) and the Israel Defense Forces (IDF) Technology Unit with participation of additional Israeli Industries.

SCD provides the Infrared (IR) video engine sensor including developing specific adaptations for the system's unique requirements, thus ensuring seamless system integration and operation. The SCD video engine sensor - termed VOXI - is a highly sensitive IR sensor with advanced processing abilities enabling remote and automatic temperature monitoring in various environments.

SCD is proud to take part in this rapid Israeli design effort working side by side with the IMOD and IDF technology experts to fight the coronavirus the new developed system will improve the efficiency and safety of the diagnostic process in hospitals and public facilities.

The new system has future potential as well, as it will be suitable for use in dense, crowded sites, where monitoring vitals for safety purposes may be needed, such as train-stations, shopping centers, office-buildings, amusement-parks, and more.
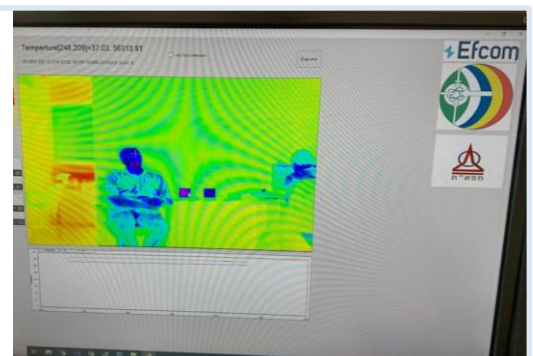
SCD – SEMI CONDUCTOR DEVICES
P.O.Box 2250, Haifa, 3102102, Israel
(T) +972-4-9902535
(E) marketing@scd.co.il
(W) www.scd.co.il

SEPTIER COMMUNICATION LTD.

Quarantine Location Tracker

This solution helps security agencies maintain quarantine restrictions and public edicts. The Quarantine Location Tracker is a remote based Public Health Security system which periodically queries the position of a cellular device at any given time. The user needs to enter the subscriber's real phone number and the system will provide the device's general location, displaying it on as a user-friendly manner using easy to read virtual maps**.**

CoronAlert Smartphone Application

The CoronAlert Application helps maintain quarantine restrictions and robust commination channels to the public and by doing so stems the spread of the pandemic. The system requires users to download the application to their smartphone. It is available in common mobile stores (Google Play etc.).

Septier SMS Blaster

The SMS Blaster helps stem the spread of a pandemic by ensuring that the majority of the population in specific areas are properly notified of public health security edicts and restrictions.

Septier Crowd Controller

The Crowd Controller helps stem the spread of a pandemic by monitoring illegal public gatherings in quarantine zones, warning participants and notifying the authorities of any breaches. The system can also use advanced analysis to predict locations of future gatherings.

Septier Investigator

The Septier Investigator traces the whereabouts of infected individuals over a period of time in the past and then correlates big data of cellular subscribers who were in the same vicinity. This allows healthcare agencies to identify potential carriers, reach out to them and provide them with further instructions.

SEPTIER COMMUNICATION LTD.
35 Efal St. Petach Tikva, Israel
(T)   +972-3-914-1000
(M) +972-54-563-5221
(E) amit.nachshon@septier.com
(W) https://www.septier.com/emergency/

SERAPHIM OPTRONICS LTD.

FIREFLY - Small and lightweight line of products which uses radar, thermal camera, day camera, video analysis algorithms and external sensors such as seismic sensors to offer different modes of detection within a single system and a fusion between several sensors to reduce false alarms. It also enables use of multiple communication networks - LAN, Wi-Fi, Cellular and UHF to deliver a high-resolution video.

Movements that are picked up by the radar and/or the video analysis, are transmitted in real time to a command and control center and also recorded locally on the system itself for future extraction.

Using ONVIF protocol it is designed for easy and quick integration with any C4I system. It can be connected within existing infrastructure of electricity and network or can be deployed for unattended mission using batteries and wireless communication.

During the *COVID-19 Pandemic protection of National* infrastructure becomes more critical. The FIREFLY is the ultimate system for Border security, Airports and Critical Assets such as Oil & Gas, Nuclear Power and Water plants.

SERAPHIM OPTRONICS LTD.
P.O.B 621 ,2 Hacarmel St. Yokne'am, 2069207, Israel
(T)   +972-4-6643222 I
(M)   +972 54 5442261
(E) Marketing@seraphim-opt.com
(W) www.seraphim-opt.com

SHALON – CHEMICAL INDUSTRIES

HALF MASK RESPIRATORS

Shalon's dual cartridge negative pressure half mask respirators are designed to protect the respiratory organs against industrial toxic chemicals. They provide excellent protection with superior comfort, through their design of ergonomically correct face-piece, in 3 sizes, with a soft, comfortable, yet firm fit. Shalon Half Mask combined with Shalon P3 filter cartridges , certified to EN143:2000 and "CE" marked , provide superior protection against air borne particles including liquid and solid aerosols greater than 0.3 micron including bacteria and viruses such as COVID-19.

Features

- Unique design resulting in an excellent seal.

- Lightweight with effective lasting protection for extended duration wear.

- Specially formulated elastomeric material combining superior chemical permeation resistance and durability, with smooth soft feel.

- Comfortable, easy-to-use cradle headband set with quick release buckles system for easy donning, simple adjustment & fast removal.

- Easy and secure quick connection (bayonet) of cartridge to face-piece.

EN-140:98 Certified and "CE" marked.

SHALON – CHEMICAL INDUSTRIES
2 Kaplan St., Tel Aviv 6473403, Israel
(T) +972-3-6957191
(E) shalon@shalon.co.il

(W) www.shalon.co.il

SHILAT OPTRONICS LTD.

Shilat Optronics Tactical Observation Balloon, is a partner for efforts enforcement and crowds tracking in Tel Aviv area at the center of Israel as part of the struggle to stop the spreading of corona virus.

SHILAT Optronics Ltd., a subsidiary of RAFAEL Defense Systems Ltd. was founded in 2008 and is an innovative electro-optics company that offers several proprietary technologies for defense and homeland security applications. Using inexpensive and readily available components, our smart solutions provide a unique combination of functionality, small size at low cost.

SHILAT Optronics has developed a unique set of electro-optical solutions including Micro Tactical Observation Aerostats, Night Vision Goggles and Laser Seekers. In addition, SHILAT excels in smart integration between lasers and cameras.

Our Micro Tactical Aerostat system, based on a unique patented electro-optical concept, enables very high quality aerial imaging and provides human target recognition from a distance of up to 5km. The system can be carried by small vehicles and is rapidly deployed in a safe distance from the target field. The system is very lightweight, user-friendly, provides up to 800m AGL flight altitude and all data is transmitted by a secured fiber-optic line.

The Night Vision Goggles are based on a proprietary low-noise high-sensitivity CMOS image sensor and built-in smart noise reduction algorithms. This combination provides Low Light Level imaging that is comparable to image intensifier based night vision devices.

This specialization puts SHILAT on the forefront of knowledge and experience in this field in Israel and worldwide. Our current partners include the Israeli Defense Forces, global governmental agencies and major defense and homeland security forces worldwide.

https://www.youtube.com/watch?v=2RpFS0-spJ8&feature=youtu.be

SHILAT OPTRONICS LTD.
Address 3rd Pekeris st. Rehovot Istrael
Tel: +972-8-6214092
E-mail: marketing@shilatop.com
Website: www.shilatop.com

SKY SAPIENCE LTD.

The HoverMast series offer unique aerial solutions for real time intelligence and communication, specially designed to meet homeland security needs.

The HoverMast solutions are based on tethered hovering platforms featuring unlimited

power and operational time, as well as exceptional payload, visibility and mobility capabilities.

HoverMast caters to a variety of challenges, ranging from perimeter control, event management, communication and cellular applications for strategic areas, human and vehicles traffic control, emergency response, firefighting, disaster areas and mass events.

Providing a complete solution, HoverMast brings not only top-level observation and surveillance capabilities, but also an effective communication tool for handling mass events. It enables immediate and continuous data transmission through a wideband link to any destination, setting up valuable communication between different teams to facilitate optimal handling of the event.

HoverMast's innovative patented technology is encased by an extremely simple and friendly user interface requiring minimal technical expertise.

As a tethered platform, HoverMast is exempt from standard air control regulations requiring various licenses and restrictions on areas of activity. This renders HoverMast immediately available for any task, virtually anywhere, including urban areas in the proximity of buildings, enabling to monitor and supervise isolation and quarantine areas.

The HoverMast is the leading tethered hovering technology that successfully operates worldwide, serving cross-national entities such as the United Nations and large organizations in the United States, Asia and Israel where it serves during the COVID-19 situation.

SKY SAPIENCE LTD.
Tavor building hi-tech park, Yokneam 2069203 Israel
(T) +972-4-9591777
(F) +972-73-7051380
(E) limor.b@skysapience.com
(W) www.skysapience.com

SUSPECT DETECTION SYSTEMS LTD. (SDS)

Suspect Detection Systems has more than 14 years in AI based human pattern recognition technologies which are deployed in 15 countries. The company developed Online Forms Validation solution, the "**SmartForms**" which is based on well-known scientific principles.

In a contaminated era there is a need for a self-reporting health declaration form. The challenge is to know if the information provided by the applicant is true or false. The SmartForms technology enables the authorities to screen travelers before they enter the country and check the validity of their self-reporting of health condition. "SmartFroms" utilizes the P300 and Guilty Knowledge (GKT) methodology AI algorithm. The same technology can be used for employee screening, insider threat detection and other applications.

"**SmartForms**" is already in use by the Israeli Government and other countries around the world.

The A short film describing the demo -
https://www.youtube.com/watch?v=kWwV7eAl5gE
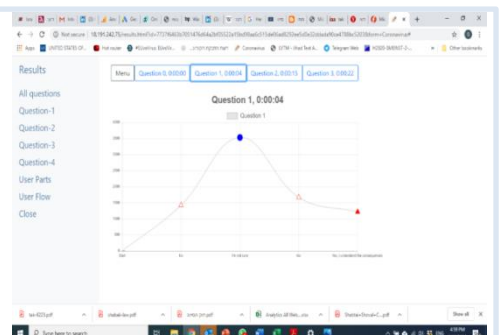
SUSPECT DETECTION SYSTEMS LTD. (SDS)
POB 121 Shoham, Israel
(T) +972-544-233181
US Office: (202) 657-5531
(E) shavis@sdscp.com
(W) www.sds-cogito.com

TOKA

Toka helps trusted government, law enforcement, and security agencies keep citizens safe and defend against terror and crime in an age of evolving threats

Toka develops cutting-edge, lawful intelligence-gathering technologies to unlock the vast opportunities created by the growth in the IoT landscape.

Toka's software platforms are simple to use, scale quickly, and offer complete operational control to enable smarter, faster, and easier investigations and operations. By empowering agencies with these intelligence capabilities and providing strategic advice to governments looking to build an integrated cyber defense, Toka helps them maintain a technological edge, enhance their operational effectiveness, and save lives.

Founded by leaders with unparalleled experience in the strategic, defense, and corporate worlds, Toka is headquartered in Tel Aviv, Israel, and backed by investors such as: Andreessen Horowitz, Eclipse Ventures, Dell Technologies Capital, Entrée Capital, and Launch Capital. For more information, visit tokagroup.com.

Solution at a Glance

Toka VISINT is the first end-to-end platform for Visual Intelligence acquisition, allows government agencies to access a wide range of security systems, gather real time & historical footage to yield actionable intelligence and manipulate the camera features to maximize operational advantage.

Toka VISINT enables smarter, quicker and easier investigations and operations, granting access to critical, yet out-of-reach visual elements required to diffuse complex scenarios with minimal friction, with an institutive and a simple-to-use interface anyone on your team can use.

Toka VISINT support various use cases, including targeted intelligence, forensic investigations, covert operations and public emergencies.
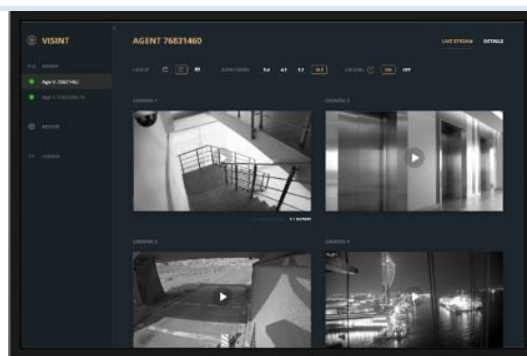
TOKA
132 Menachem Begin Rd, Tel Aviv-Yafo
6701101, Israel
(T) +972-73-742-4667
(M)+972- 523322713
(E) ofir@tokagroup.com
(W) www.tokagroup.com

TREKACE TECHNOLOGIES

TrekAce® Technologies is a privately owned Israeli company with representatives worldwide. The company has developed a patented wearable solution that increases situational awareness for military operators, and Android based applications for Sub-T and GPS denied environment navigation for both military and police officers, manned/unmanned vehicles, smart harness for K9 (controlling a K9 by remote control) and more.

TrekAce® *Encounter* fights the COVID 19, by **real-time monitoring, containment, and infection cycles closure thus enabling the prospects of prompt return to routine.** The TrekAce® *Encounter* is an App that keeps users' privacy, without disclose their location or any private information stored in the smartphone.

The App:

▪ Identifies dangerous <u>proximity</u>, defined by the health authorities, between users in **real-time**

▪ Differentiates between **users' profiles**, whether quarantined, diagnosed or super-spreaders - and **alerts** the users and the authorities of dangerous encounters in **real-time, and immediately closes Infection cycles.**

▪ Enables to retrieve information on past encounters and thus to **perform epidemiology investigation.**

▪ Logs proximity encounters onto an excel document in the mobile device memory or sends daily the information to Ministry Of Health server, while an encounter with infected individual is alerted immediately!

The company utilizes a technology based on its unique military application that identifies proximity between sister apps.

TrekAce works in the background of the mobile interface and is computable to Android and IOS. Application demo video links:
https://vimeo.com/424522510 , https://vimeo.com/424524154 ,
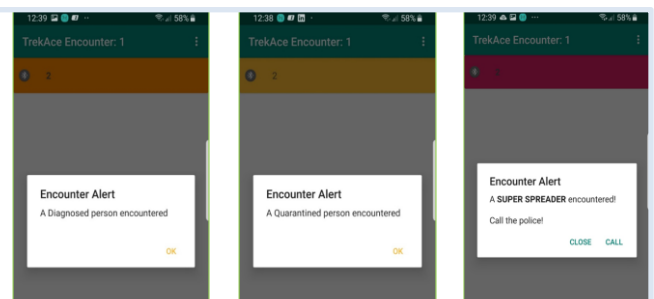https://vimeo.com/424524287

TREKACE TECHNOLOGIES LTD.
1 Atir Yeda st., Kfar Saba Israel
(T) +972-(0)747366015
(E) niry@trekace.com
(W) www.trekace.com

TRILOGICAL TECHNOLOGIES LTD.

The Quarantine Violations Supervisor System (QVS) provides authorities the ability to supervise, govern and help keeping quarantine restrictions during pandemic. The system monitors the location of each quarantined civilian and alerts in case the individual breaches the quarantine perimeters, enabling communicating directly with the individuals to ensure restrictions or assist in case of emergency. The system also helps the authorities in coordinating first responders' (police/medical force/etc.) communication and enables to manage the quarantine operations.
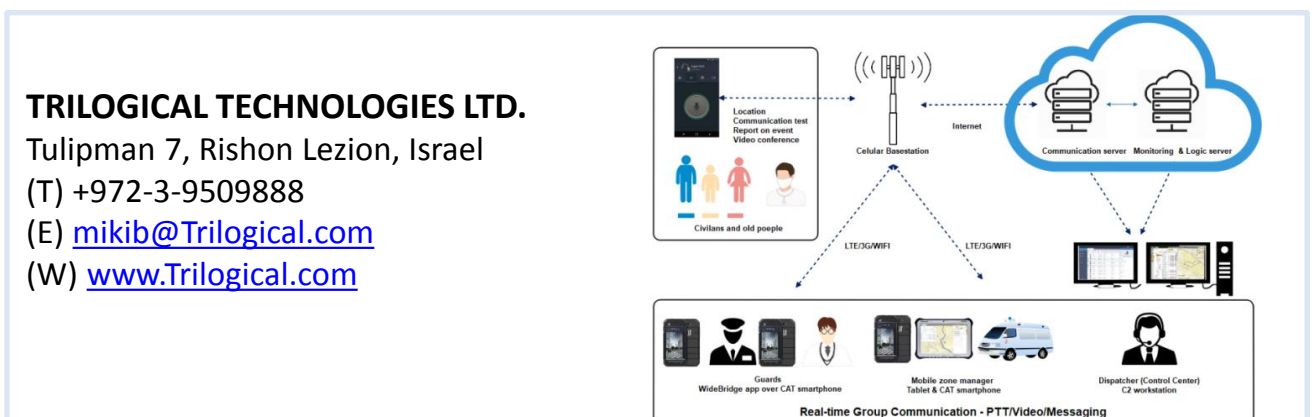
The technology is based on unique HLS communication solution, for mobile devices, enabling to manage groups for advanced monitoring and communication over cellular/IP, including PPT, chats and video. The operated system is scalable and can be increased according to the customer's needs.

In cases where civilians do not meet with the authorities' restrictions and an enforcement is required a non-removal GPS tracker bracelet is used to monitor the civilian indoor and outdoor.

QVS is applicable for:
1. Cooperative Individuals allowing mobile monitoring or by designated GPS tracker, while quarantine.
2. Individuals' physical remote monitoring at specific address.
3. Authorities forces like first responders and control center dispatchers

With experience of 25 years Trilogical, a leader in the field of remote asset management solutions, has been developing critical IoT applications for the railways, airports, logistics, defense & security markets. The company is proud with its constant innovation using unique technologies combined with excellent service.

TRILOGICAL TECHNOLOGIES LTD.
Tulipman 7, Rishon Lezion, Israel
(T) +972-3-9509888
(E) mikib@Trilogical.com
(W) www.Trilogical.com

TROYA LTD.

Troya's TVC-2020 skin temperature measurement system was brought into the world during the Coronavirus (COVID-19) pandemic. To assist in stopping the spread of the disease in our globally travelled and highly connected world, Troya has designed an AI based system ideal for screening of masses in high-density crowded environments.

The TCV-2020 allows for immediate, real-time screening of crowds without any direct contact with the tested objectives. Once the TCV-2020 detects a potential contagious subject, it immediately signals the operator with a visual and audial alert, and starts tracking, in order to allow for the efficient separation of individuals from the crowd.

TCV-2020 comprises a dual channel (thermal and daytime) detector, a black body calibration unit (used as a constant reference), a control unit (a computer with an onboard, dedicated algorithm) and a set of tripods.

The system's main features include:
- Non-contact IR based temperature measurement, with reduction of cross- infection risk
- Dual operation field (thermal and color CCD) for intuitive screening
- Immediate, real-time and intelligent alarm (auditory and visual)
- Accurate and reliable system using a Black Body calibration unit
- Artificial Intelligence (AI) capabilities (optional)
- Detection of multiple subjects enabled
- Tracking and tracing capabilities
- Multiple subjects' screening
- Optimal privacy protection
- 24/7 readiness
- Easy deployment

SUGGESTED USES: Airports, Hospitals, Essential/ Vital enterprises, Governmental offices
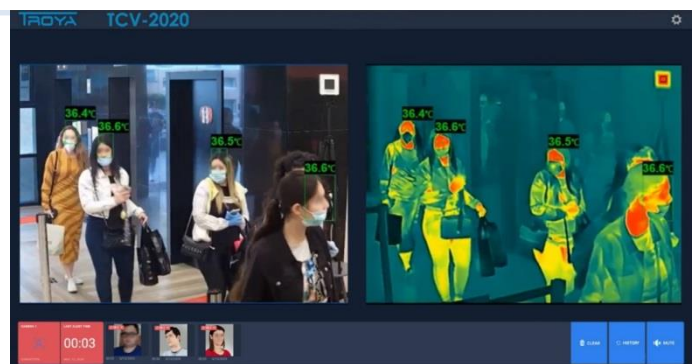
Video : https://www.youtube.com/watch?v=VLtIlJc5Znw&feature=youtu.be

TROYA LTD.
Ha'Yetsira 10 St. Ra'anana POB 2494,
4366350, ISRAEL
(T) +972 9 950 0560
(E) info@troya-tech.com
(W) www.troya-tech.com

TSG IT ADVANCED SYSTEMS LTD.

DMS - Disaster Management System

TSG field proven DMS is a multi-disciplinary C4I solution that saves lives, property and infrastructure by providing an overall Coherent Common Operational Picture (COP), improves response time and allows decision makers to take better decision based on real-time information.

The system shares information with federal and municipal offices, health and CBRN agencies, first responder agencies and others.

DMS is already being used by the IDF's Home Front Command and by most of the municipalities in Israel.

The DMS command-and-control system ensures resources optimization and overall cost reduction. It is customized according to the specific organization needs. It is modular, hence can be easily adapted to reflect its operational environment and operational concept. DMS covers the full breadth of a country's national/local health and emergency organizations, municipalities and first responders' teams, from governmental offices, rescue crews and emergency service organizations to police, firefighters, ambulances and others.

DMS is interfaced with other information systems, command & control systems, databases and sensors, and has the capability and tools to support processes in managing the emergencies - prior to and during their occurrence, until their conclusion.

TSG also offers the DCP – Digital City Program - a unique solution to current challenges when monitoring citizens' engagement and interaction is critical to secure public health as well as keeping routine as much as possible. The DCP is delivered by portal, mobile apps and content management system that was developed specifically for personal citizens engagement, adjected to the current crisis as well as for routine urban life, deployed on the cloud, as a service and ready to meet the challenge.

TSG IT ADVANCED SYSTEMS LTD.
Atidim, P.O.Box 58010, Tel Aviv
6158001, Israel
(T) +972-3-548-3555
(M) +972-54-3313311
(E)Uri.Woldiger@tsgitsystems.com
(w) www.tsgitsystems.com

VERINT LTD.

Verint is committed to the battle against the COVID-19 pandemic and to maintain public health and safety. The company supports its customers in leveraging existing deployments for COVID-19 related concerns, including quarantine and social distancing monitoring.

Verint also assists its customers to meet related security challenges, such as border protection, criminal activities and cyber-attacks.

Verint's mission is to help the customers Make the World a Safer Place, both today and tomorrow.

WEB INTELLIGENCE: Web Intelligence scans the darkest corners of the internet for fake news/disinformation, signs of criminal activities and public security risks. Web Intelligence also monitors COVID-19 related online chatter and helps security agencies to maintain public safety.

https://youtu.be/MP3e7aGfEw0

GEOLOCATION: Social distancing is crucial for reducing COVID-19 infection rates. Verint Geolocation Solutions utilize digital location data to help identify social distancing violations, analyze implications, and allocate resources.

NOWFORCE: NowForce is a cloud-based, easy-to-deploy solution that assists health and emergency services to manage a pandemic outbreak. Using communications, live maps and BI tools, NowForce increases situational awareness and helps coordinate multi-agency response teams. https://youtu.be/mnp9qte7G1g

LUMINAR - CYBER THREAT INTELLIGENCE: Malicious cyber activities are increasing worldwide under the cover of the COVID-19 pandemic. LUMINAR helps identify and combat pandemic-related malicious campaigns that exploit the public's increased network activity and thirst for news updates.

OMNIX - FUSION INTELLIGENCE: Contact tracing is a critical tool for containing COVID-19 infections. By fusing government, open source and intelligence data and providing automated investigation tools, OMNIX can help authorities conduct contact tracing for millions of infected individuals. https://youtu.be/IxGtqAck4mk

VERINT LTD.
Maskit 33, Hertzelia Pituach, Israel
(T) +972-9-962-4183
(M) +972 54 7784183
(E) Moranne.Yaari@verint.com
(W) https://cis.verint.com/product/combating-the-covid-19-pandemic/

+ Web Intelligence
+ Geolocation
+ Crisis Management
+ Cyber Threat Intelligence
+ Fusion Intelligence

WAVE GUARD TECHNOLOGIES LTD.

When it comes to epidemic spread, authorities need to ensure they can control and contain it and prevent the epidemic from spreading, until a cure or a vaccine is available.

During an epidemic breakout it is important to quickly locate the infected individuals who might be contagious and to isolate them. Furthermore, it is critical to obtain information on the individuals' movements prior to their detection, in order to assist with the epidemiological investigation for containing the epidemic as much as possible. This capability becomes even more important once the country returns to business life after the first pandemic phase.

How can Wave Guard assist?

Wave Guard's Tracer offers real-time accurate location monitoring of the entire population for epidemic spread monitoring and protection, allowing governments to:

1. Reconstruct retroactively the location of infected individuals in order to detect their infection path and create a list of further potentially infected individuals. **No application is required to be installed on the subscriber's phones.**

2. Monitor in real-time quarantined individuals, and receive alert on any violations. Wave Guard successfully provides the geo-location of dozens of millions subscribers around the world.

3. Monitor in real-time quarantined area (airport / point of entry or populated areas) and provide alerts on any violations (entering or exiting).

4. Insights – The system includes advanced analytic tools to assist the authorities to understand the epidemic spread status, heat maps, "patient zero" and integrate with external data sources.

Wave Guard's solution is fully compliant with data protection and privacy regulations.

WAVE GUARD TECHNOLOGIES LTD.
4 Arie Shenkar St., Herzlia 4672504, Israel
(T) +972-9-768-1185
(E) ruvi.biezuner@waveguardtech.com
(W) www.waveguardtech.com