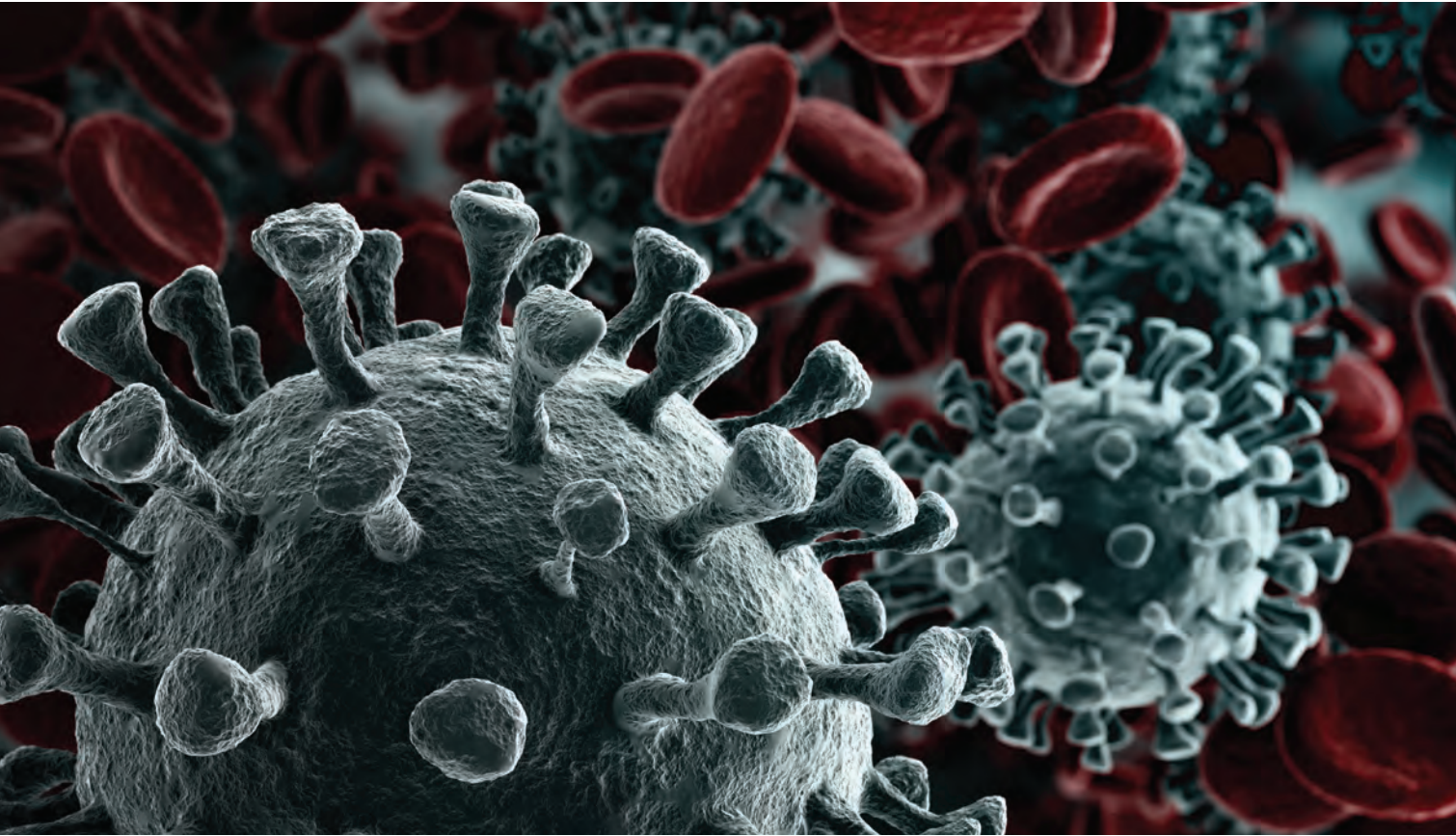


AVNON TODAY

GLOBAL CRISIS AS CORONA GOES VIRAL

SPECIAL EDITION
NOVEL CORONAVIRUS



DEAR READERS

In light, of a global pandemic that will have far-reaching short and long-term consequences, we have decided to dedicate this issue of Avnon Today, to help authorities manage the spread of the COVID-19 virus.

The Novel Coronavirus has impacted the world rapidly, affecting hundreds of thousands to date and 4,300 deaths in over 100 international locations. Such wide-scale disasters have a far-reaching impact on society, causing both physical suffering, financial implications and a fear of the unknown outcome. With no vaccine in sight, authorities need to utilise the technologies and equipment currently available to minimise and contain the spread of the virus.

In this edition, we will outline the technologies used to monitor and contain potential carriers, decontamination systems for transportation, hospitals and isolation area, protective clothing

and policies that protect the general population and the people working to save lives.



OUR UNIQUE ADDED VALUE

For over 30 years the companies of the Avnon Group have been working with governments, HLS & Law Enforcement agencies and military units providing national-scale solutions to meet international threats and ensure homeland security and public safety.

Our added value to clients is our ability to integrate systems, technologies and equipment, both from the companies within the group or through sourcing the best solutions and products from suppliers worldwide. In the event of an ongoing crisis such as the Coronavirus, we take care of all your requirements, from sourcing equipment that is in high demand and hard to obtain to integration, delivery and training of emergency response teams. For further information visit: www.tarideal.com



DECONTAMINATION

PREVENTATIVE MEASURES

Using decontamination methods is vital to prevent infection to medical and emergency services and the general population in areas of risk contamination, such as public transport and public areas.

TAR offers a wide range of decontamination facilities for temporary hospitals and isolation units. Temporary decontamination stations provide simultaneous decontamination of up to 150 personal. The station includes a shower, wastewater, drain pump, tanks, etc.)

Comprehensive solutions for decontamination of public areas, medical facilities and public transport.



Using only Ultra-violet “C” light (UVC), the Tar-Falcon instantly kills bacteria, viruses and superbugs on any exposed surface. The process is fast, affordable, safe and highly-effective.

- Scientifically-proven UVC (used in hospitals).
- Works on plastic, metals, leathers and fabrics.
- Variable speeds--up to 99.99% germ-kill rate.
- Proven 99% germ-kill.



INFLATABLE SHOWERS

This light, easy to setup portable structure allows you to select from a variety of shower models to be installed inside the tent. It includes: A framework, pool, curtains and water anchors.



FIELD SHOWERS

The Safety Shower is a light, portable and durable shower for emergency purposes. It consists of five pieces on top of an aluminum trunk. Water flow is controlled by a foot switch, ensuring economical usage.



AVAILABLE:

- Field Showers
- Multi-Showers
- Personal Showers
- Decontamination sprays for personnel and vehicular transport
- Mobile Water Purification Systems

DECONTAMINATION SHELTER SYSTEM

Continuous and simultaneous CBRN detoxification / decontamination of vehicles, personnel, equipment, and terrain.



COVID-19 TEST KIT

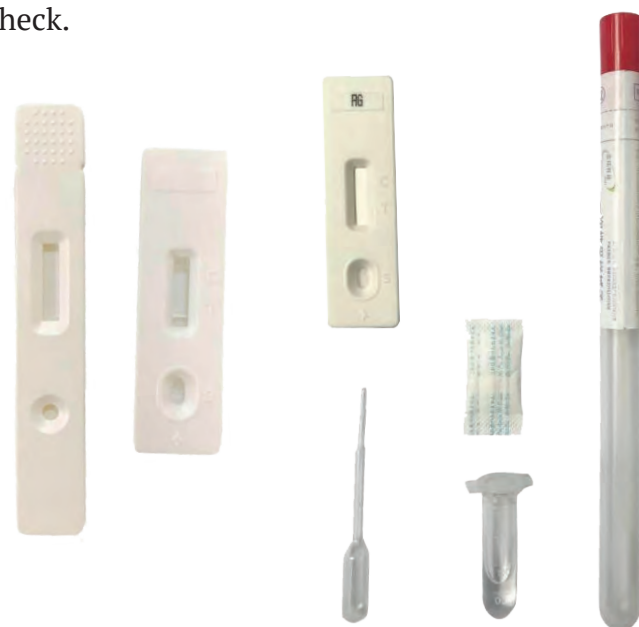
FAST TESTING

The COVID-19 is a new strain of the coronavirus that to date has never been found in human bodies. In addition to the COVID-19 there are six other known coronaviruses that can infect human beings. Four types are more common to humans and are low pathogenic, causing only a mild respiratory symptoms, similar to the common cold. The other two are known as SARS coronavirus and MERS coronavirus.

The COVID-19 is the newly discovered 7th coronavirus that infects humans causing an immune response in the lungs, leading to pneumonia which in severe cases is life-threatening.

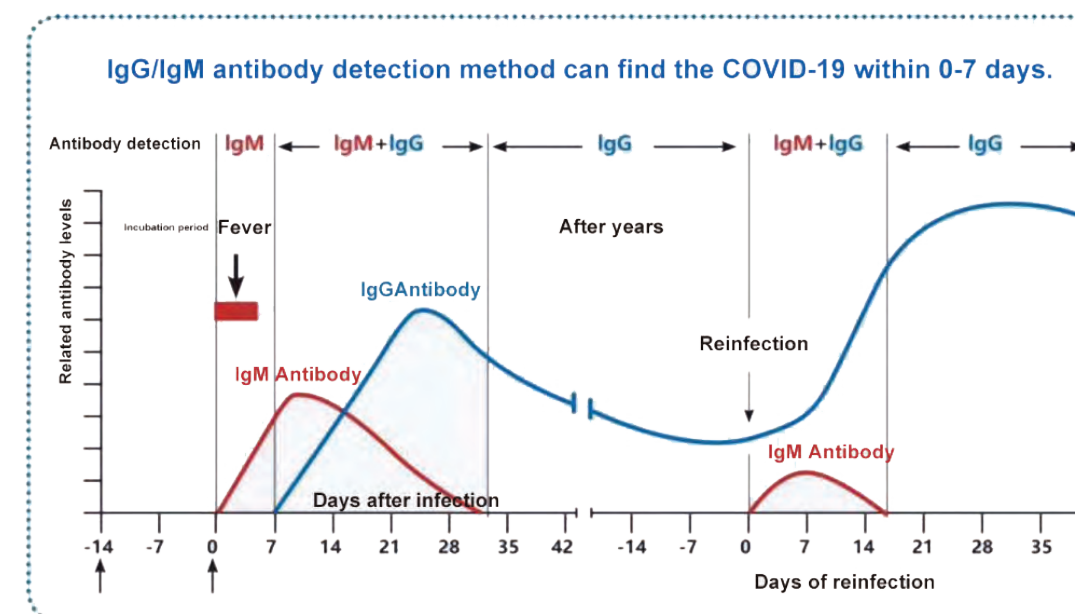
COVID-19 is highly contagious and can be transmitted through body fluids, air droplets and feces etc. Therefore early diagnosis of the virus can help to facilitate rapid treatment and isolation of patients to prevent further contamination.

Rapid Detection for the COVID-19 within 15 minutes.
Simple Operation for early diagnosis.
Flexible scenes with no need for supporting testing equipment.
Early symptoms and asymptomatic patients check.



INTENDED USE

The kit is used for the qualitative detection of NP antigen of the COVID-19 in human nasopharyngeal swab and oropharyngeal swab samples. It is mainly used for clinical reference but cannot be used as the basis of diagnosis of the COVID-19.



PROTECTIVE CLOTHING & EQUIPMENT

CORONA FACEMASK N95

N95 Facemasks with 95% filtration Against anti-virus / prevent flu / anti smoke / dust.
CE Certified Ear-loops air-purifying respirator disposable Facemask.
Mutli- layer protection with elastic straps.



CORONA FACEMASK N95 WITH FILTER

N95 Facemasks with 95% filtration Against anti-virus / prevent flu / anti smoke / dust.
CE Certified Ear-loops air-purifying respirator disposable Facemask.
With an air filter for easier breathing when wearing for a long period of time.



CORONA PROTECTION GOGGLES

- 100% UVA, UVB & UVC (UV400)
- Protection
- Superior scratches-resistance
- High rigidity
- Meet with ANSI Z80.3 & CE
- EN1836:1997



CORONA SURGICAL GLOVES

- Multi-functional disposable gloves. Comes in packages of 100 pcs (50 pairs) Industrial, Medical and Food grade.
- Weight: M4.0+/-0.3g
- M4.5+/-0.3g M5.0+/-0.3g M5.5+/-0.3g
- Width
- S 85±3mm, M 95±3mm, L 105±3mm, XL 115±3mm



CORONA THERMOMETER

Easy to use Thermal Thermometer for Body Scan and immediate temperature feedback.
Point it against the forehead of the person and you will get results within seconds.
Easy to use with a big display for clear reading the numbers.



CORONA HAND SANITIZER

99.999% Instant Hand Sanitizer.
Protects immediately against bacteria and cleans your hand palms within seconds.
60 ml bottle



PROTECTION VISOR

Protection Visor for full face protection against droplets and bacteria.
Covers up the face area and gives a double protection layer to additional goggles and facemask which are usually the base of the first layer.
The face shield decreases chances of infection.



PROTECTIVE CLOTHING & EQUIPMENT

HIGH LEVEL PROTECTIVE SUITE

Gas-tight coverall. Use with internal BA for protection against hazardous gases & vapours

- Multi-layer film technology creates a light and flexible high-level barrier against a wide range of high hazard chemicals. Weight 365gsm.
- Superior design featuring double-taped seams (inside & out).
- Standard or wide-vision visor options; two-layer visor with unique sealing technology for high chemical barrier.
- Double layer chemical glove system.
- Very soft and flexible material for enhanced comfort.
- Front and rear entry design options.
- Two rear mounted exhaust valves.
- Attached sock boot with boot overflaps.



WHITE PROTECTIVE HOOD

25 Kleenguard Disposable Coveralls, Liquid and Particle Protection / Case; Size 2XL; White Microporous film-laminated material helps protect against hazardous liquids (splashes) and dry particles (like dust and dirt) This protective suit has a hood, boots, zip front and elastic wrists Available in sizes small through 5XL, meets ANSI / ISEA 101-1996 standards PPE for hazardous liquid handling, pressure washing, maintenance, industrial / general manufacturing.



RADIOACTIVE SHIELDED CONTAINERS WITH RADIOACTIVE SYMBOL

- Empty vials, ampules
- Empty Syringes, Needles
- Empty IVs
- Gowns
- Gloves
- Tubing
- Aprons



BIO-HAZRD RED CONTAINER OR RED LINER IN CONTAINER

- Infectious Waste
- Blood Products (albumin.etc)
- Contaminated Personal
- Protective Equipment (PPE)
- IV Tubing
- Cultures, Stacks



RADIOACTIVE Shielded Containers with Radioactive Symbol

- Flourine-18
- Technetium-99
- Lodine-131
- Strontium-89
- Iridium-192
- Cobalt-60



AUTONOMOUS SOLUTIONS



The continually changing guidelines to take severe precautions are putting technology to the test. Drones, UAV's, and robots are being pressed into service as the world looks for the safest possible ways to stem the spread of the virus. From keeping tabs on citizens' body heat in this time of crisis, to air quality monitoring, contactless disinfection of widespread areas and medical delivery, Tar offers a wide range of autonomous solutions for multiple applications to maintain the civilian security and wellbeing.

MULTI-ROTOR SPRAYING DRONE

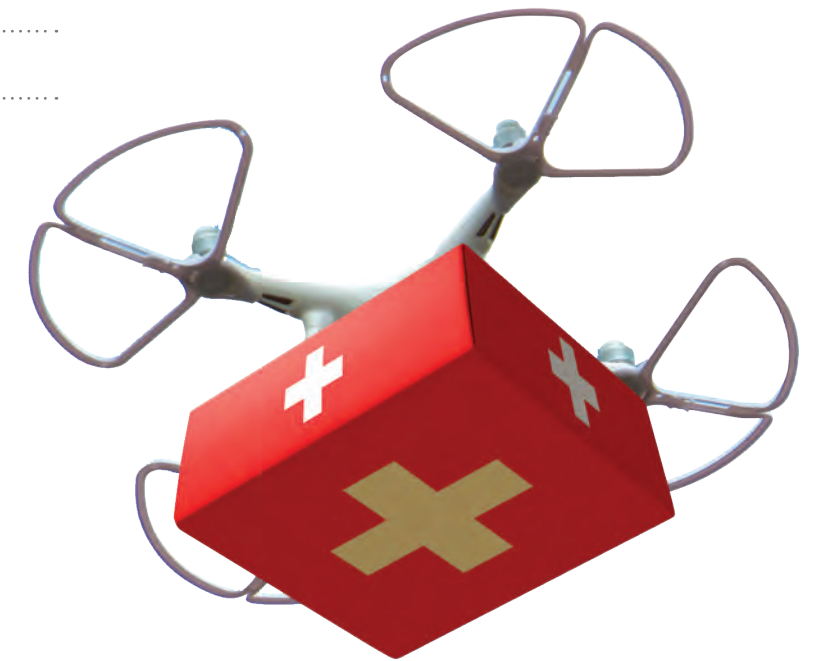
TAR Spraying drone has an improved overall structure with modular design and supports the highest payload and widest spray width ever in a DJI agricultural drone. With powerful hardware, an AI engine, and 3D-operation planning, the TAR Spraying drone brings operation efficiency

to a whole new level.

Designed for precise spraying of liquid products for parcels, surfaces and roof treatment, offering new treatment solutions aimed at a number of applications.

DRUG DISTRIBUTION

You can use the drone to dispatch medicines directly to the required destination.



AIR QUALITY MONITORING

Sensors can be installed on the skimmer to monitor air quality in epidemic areas, and even monitor the desired level of environmental spray.

EPIDEMIOLOGIC INTELLIGENCE

Using the drone camera, you can map and locate patients' locations, disease site locations, body locations, convenient access routes for treatment, and more.



SOLUTIONS FOR AUTHORITIES

OSINT-INTELLIGENCE GATHERING FOR BORDER AUTHORITIES

With open borders and global inter-connectivity, passing between countries is relatively easy. While in routine times, this certainly makes life easier, during a pandemic such as the Novel Coronavirus this facilitates the spread of the virus at a faster rate. Once a passenger gets off the aircraft, he can travel to multiple destinations leaving authorities with no way of knowing if they have visited an infected area.

TAR'S OSINT platform, empowers authorities to monitor the travel activities of a person and ascertain whether the traveller has visited high-risk areas that infected with the Novel Coronavirus. Once the traveller passes through border control, the systems receive an alert. The open-source intelligence platform allows authorities to gather intelligence from social networks, forums and blogs, from a pre-defined date up to their date of return. If the person has travelled in a high-risk area, the system sends an

alert to the border authorities, allowing them to contain the person when they debark from the aircraft preventing further contamination in public areas.

WEB INTELLIGENCE

A strategic Open Source Web Intelligence & Virtual HUMINT solution, through which the



analysts can covertly fabricate & manage virtual avatars, collate mass amounts of data and view essential information about the topic and/or subjects of interest and manage ALLEYE's unique and valuable decision.



PROFILING - TARGETS CENTER

Provides the ability to uniquely & easily manage your targets as well as reveal and \or enhance their profile via OSINT tools



MASS COLLECTION -GLOBAL DATA COLLECTOR

Based on user defined tasks, monitors & collects information across the surface and deep web.



ANALYTICS & ANALYSIS

Allows the correlation of collected data from the data collector, in varying level of details.



TRANSPORTATION SOLUTIONS

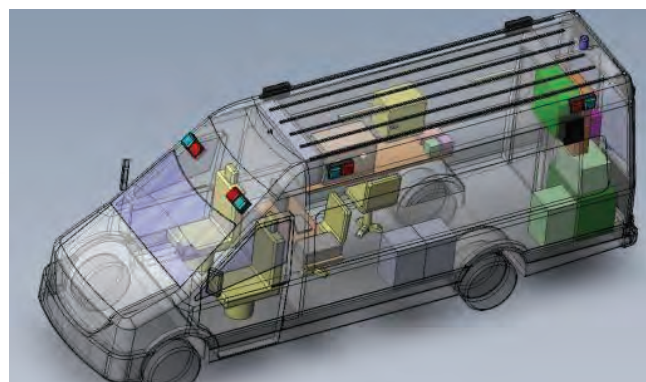
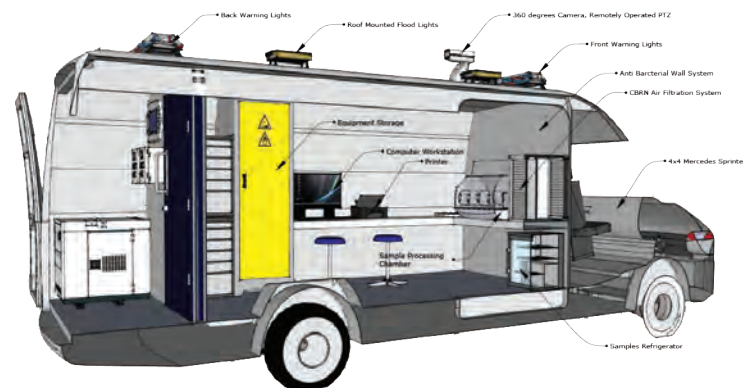
CBRN VEHICLE

We provide a range of biological filtration systems for transportation and hospitals and helps prevent the spread of the virus. This system may be installed and used to transport infected people from the airport or other locations to isolation facilities.

TACTICARS, part of the Avnon Group designs and modifies vehicles, providing a complete

mobile solution for CBRN threats. The vehicle may include an open vehicle protection system, designed for extended operations. The sealed vehicle contains different sensors that are to detect and analyse various types of hazardous substances.

The vehicle contains mobile detectors and collecting devices that allow the team to gather and analyse samples on-site.



FULLY EQUIPPED AMBULANCE FOR CBRN SCENARIO

CBRN Filter Fitted Ambulance Carrier Vehicle is having gas-tight and over-pressurized box body compartment with CBRN filter and air conditioning system following NATO MIL-STD.



MASS INFECTED TRANSPORTATION SOLUTION

The Biological Filtration System, filters contaminated air out of isolation chambers used by hospitals and other places handling contagious diseases. The filtration system creates a negative pressure inside the isolation chamber thus preventing the spread of the disease. The contaminated air is first drawn out of the isolation chamber. It is then filtered through a highly efficient HEPA filter and UV light before being discharged into the outside airspace.



CBRN CONCEPT SOLUTION

TACTICARS build customised CBRN vehicles designed to provide the CBRN unit with a complete mobile solution to deal with hazardous substances/ CBRN threats. The sealed vehicle contains different sensors that are to detect and analyse different types of hazardous substances.

The vehicle contains mobile detectors and collecting devices that allow the team to gather and analyze samples on-site and decide the alert level required.





MULTI-FUNCTIONAL TRUCK

The vehicle provides complex decontamination, disactivation and disinfection functions as a protective measure against CBRN attacks. It is designed for fast operation under field conditions and provides preparation, transportation and temporary storage of anti-CBRN mixtures. A central electrical power generator supplies all decontamination modules with electric supply. The system is equipped with a shower section for the entire decontamination processes. It also features equipment for the decontamination of road sections.

DECONTAMINATION TRAILER

The trailer provides a fully equipped decontamination system for the decontamination of personnel, equipment, vehicles and road sections. Complete with all and chemicals necessary for

quick decontamination on the spot are provided. The complete system is integrated in a 2t trailer ensuring the highest mobility.



MEDICAL FACILITIES & TEMPORARY FIELD HOSPITALS

One of the biggest challenges for countries profoundly affected by the Coronavirus is their ability to provide medical care.

With thousands of the population infected by the virus and requiring hospitalisation, hospitals are collapsing under the pressure due to insufficient medical personnel, a lack of medical equipment/supplies and overcrowding in the wards affecting all departments.

Implementing emergencies procedures, stocking up on equipment and protective clothing and breathing apparatus in advance will go a long way in supporting your facility ability to function at full capacity.

TAR provides a wide range of equipment and systems for hospitals that help protect medical teams and patients from further infection.

- Ventilation & NBC Filtrations Systems
- Portable Isolation Chambers & ICU
- Portable Clean Rooms
- Mobile Ophthalmic Operating Room
- Biological Filtration Systems
- High-level Protective suits for medical teams, Ambulance Services and
- First Responders.



FIELD HOSPITALS

FLEXIBLE CLOSED TANKS - CAPACITIES FROM 50 TO 250 000 LITERS

TAR's "flexible closed tanks" provides protection from all types of air light and all types of liquids (drinking water, not drinking water, nitrogen liquid fertilizer, chemicals, oil, wine, industrial and agricultural effluents...) The tanks do not require infrastructure and additional set-up costs. Lightweight, foldable and robust.

TAR INFLATABLE TENTS

TAR tents are characterized by their strength and speed of implementation. suited for all sites of disaster, they are a precious and reliable auxiliary.



FIELD HOSPITAL

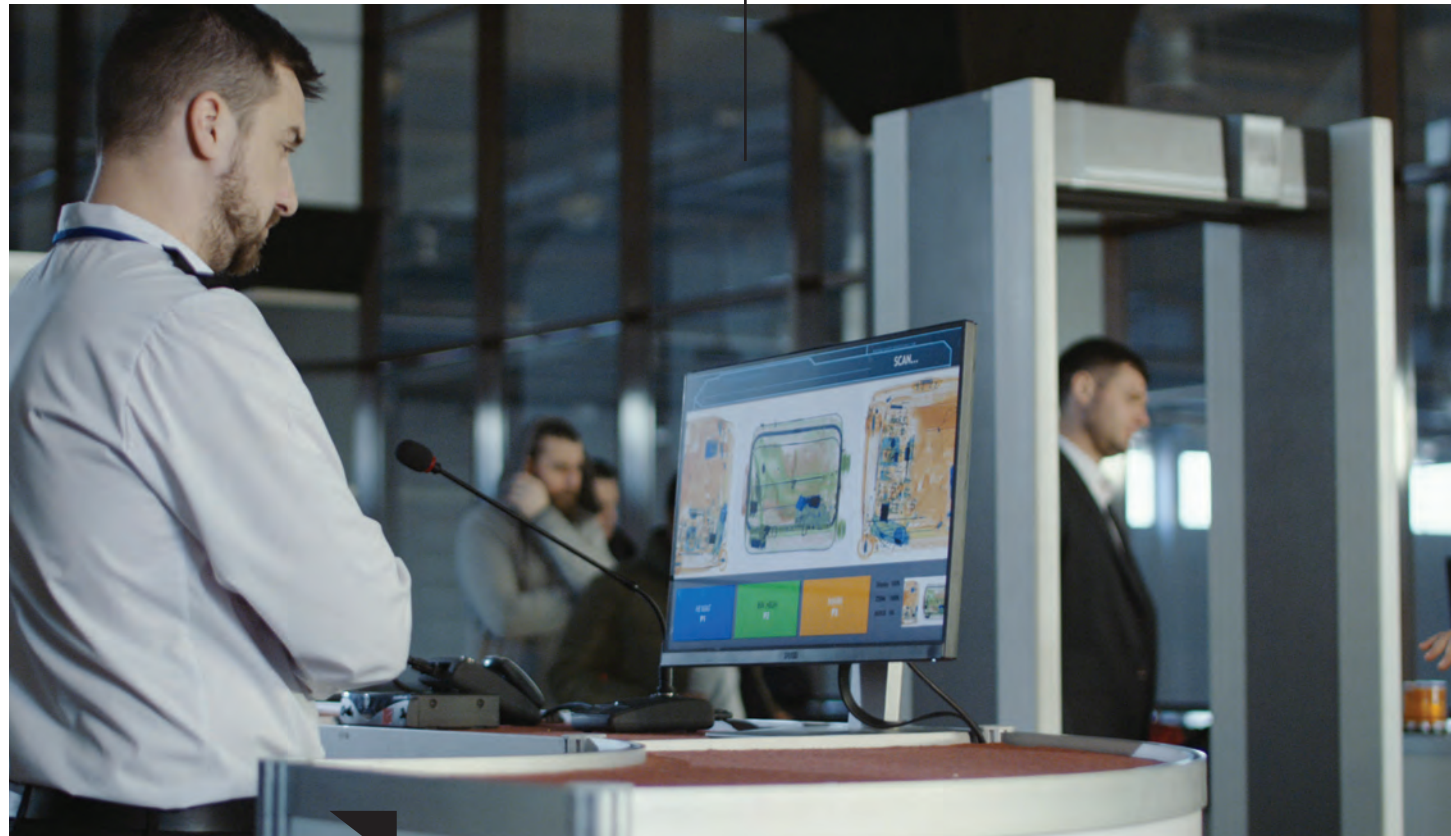
The negative pressure isolation cabin for the transport of infectious patients is to implement a safe isolation and transfer device for new, sudden and highly infectious patients during the transfer process to prevent further spread of pathogens, protect the external environment from pollution, and reduce the spread of infection.



WATER PURIFICATION SYSTEMS



ENTRY POINTS & CONTROL



Despite the Coronavirus, flights are still operating. Implementing thermal cameras in strategic locations at Airports and border points enables authorities to screen large amounts of travellers to detect signs of a fever.

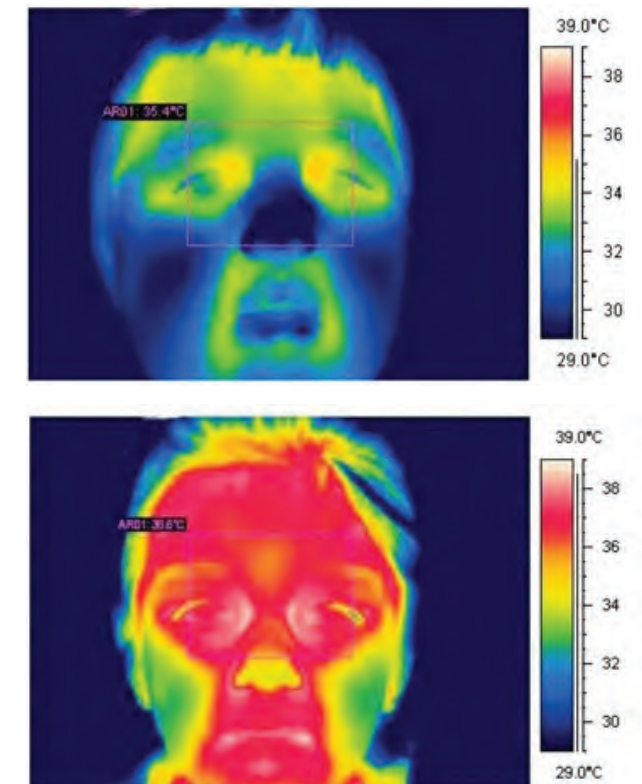


BENEFITS

- Allows screening of large numbers of people anywhere at any time.
- Displays and detects critical temperature elevations in real-time.
- Activates colour and sound alarms.
- Easy to setup and use.
- Can be smoothly integrated into public area pedestrian traffic streams.
- Ability to store evidence.
- Protects public health.

UNHARDENED INFRASTRUCTURE

The Infrared Thermal Imaging Camera can help detect elevated body temperatures which may indicate the presence of a fever, a symptom of the Coronavirus. The camera solution as an adjunctive diagnostic tool, helps to detect people with a potential fever and may contain or limit the spread of the Coronavirus through identification of infected individuals showing fever symptoms. The camera solution is a vital tool in the detection of elevated body temperatures and fevers in high-risk groups such as travellers, students, miners, factory and office workers.



TAR TRACKING BRACLET

The Tar Tracking Braclet is the only security cuff in the industry specifically made for high-risk offenders. It has encased, hardened steel bands designed to be highly cut resistant and provide officers an additional 10-15 minutes to be on-site before an offender can abscond.





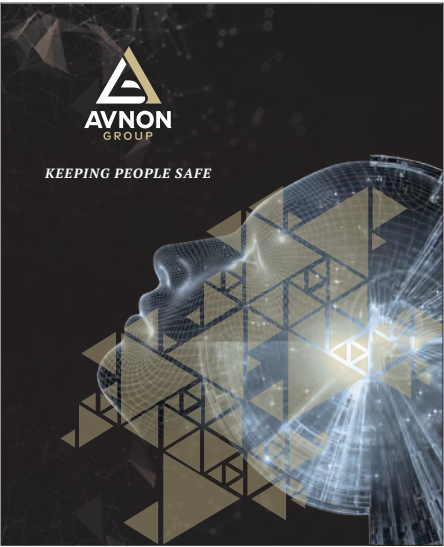
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