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MILITARY SYSTEMS & Technology

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The Defence Suppliers Directory Magazine

INTERNATIONAL DEFENCE EXHIBITION AND CONFERENCE

19-23 FEBRUARY 2017

ABU DHABI NATIONAL EXHIBITION CENTRE - ADNEC
ABU DHABI, UNITED ARAB EMIRATES

IDEX 2017



BBI DETECTION
QIOPTIQ
TYRON

ADVENTURE TACTICAL
WILL-BURT

PELI
WEW

TIMONEY

MARSHALL

FAUN TRACKWAY

RUBB

PEARSON ENGINEERING

BRUGG CABLES

HESCO

COBHAM



IDEX ايدكس

Cover image courtesy of Tyron

idexuae.ae

IDEX 2017

INTERNATIONAL DEFENCE EXHIBITION & CONFERENCE

The world's leading joint defence exhibition returns to Abu Dhabi in February 2017, attracting more than 1,200 exhibitors and 101,000 local, regional and international trade visitors and officials.

VISITORS REGISTRATION IS NOW OPEN!

Don't miss the opportunity to meet with the top and local international manufacturers and suppliers of the latest equipment, technology, systems and crafts in the defence industry.

To register at IDEX 2017, please visit www.idexuae.ae

To book an exhibition stand or outdoor space, please email shahla.karim@adnec.ae



19-23 FEBRUARY 2017
ADNEC, ABU DHABI, UAE

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Welcome to this
edition of the
**Military Systems
& Technology Magazine.**

As an established web portal for the International Defence & Aerospace Industry, we strive to provide a comprehensive and detailed listing of Military Equipment Suppliers, Products and Services. This newsletter is designed to keep you up-to-date with latest news and events within the Defence Industry's Governing Bodies, Organisations and Companies.

The Defence Industry Web Portal

For more information, technical guidance or the latest subscription packages available for Military Systems, Naval Systems and Security Systems, please contact us where one of our team will be more than happy to advise you.

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The most important thing we build is trust

IDEX

DEFENCE TECHNOLOGY FOR THE FUTURE

2017

Strategic Partner



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EMIRATES DEFENCE INDUSTRIES COMPANY

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In association with



UNITED ARAB EMIRATES
MINISTRY OF DEFENCE



UAE Armed Forces

IDEX 2017:

DEFENCE TECHNOLOGY FOR THE FUTURE

In 2017, the attention of the world's defence and security industry will be on Abu Dhabi, as it stages the 13th edition of the **International Defence Exhibition and Conference (IDEX)**.

IDEX 2017 has the prestigious honour to be held under the patronage of His Highness Sheikh Khalifa Bin Zayed Al Nahyan, President of the UAE, and is organised by IDEX LLC (an ADNEC Group Company), in association with the UAE Armed Forces GHQ.

IDEX 2017 will feature the 4th edition of **NAVDEX**, the maritime security show that was first launched during IDEX 2011, and quickly evolved to become the largest naval defence and maritime security exhibition in the region.

IDEX and NAVDEX demonstrate the latest technology across land, sea and air sectors of defence. It is a unique platform to establish and strengthen relationships with government departments, businesses and armed forces and in 2015 attracted 1,200 exhibiting companies and over 100,000 attendees.

“

IDEX is a very, very important show and exhibition for us. It is actually a reflection of our industrial defence capabilities. This growth has been immense, but you know what - if we hadn't had a platform like IDEX to bring all those

technologies together in the beginning and showcase our capabilities, we wouldn't be here today to talk about being the biggest defence industry company in the Middle East and we want to show it here in IDEX.

Homaid Al Shemmari

Chief Executive Officer,
Mubadala Aerospace & Engineering Services and Chairman of the Board,
Emirates Defence Industries Company (EDIC)

”



IDEX 2015 IN FIGURES



1200
INTERNATIONAL
EXHIBITORS



133,000 m²
EXHIBITION &
DISPLAY AREA



56
COUNTRIES
PARTICIPATING



42
NATIONAL
PAVILIONS



42
OFFICIAL
DELEGATIONS



101,000
ATTENDEES



756
MEDIA FROM
50 COUNTRIES



STRATEGIC PARTNER:
TAWAZUN



HIGHLIGHTS OF IDEX 2017

OPENING CEREMONY

His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice-President and Prime Minister of United Arab Emirates officially launched IDEX 2015. The opening ceremony witnessed the presence of VIPs and international delegations from **150 countries**.

HIGH PROFILE AUDIENCE

IDEX attracts over **100,000 attendees** from across the world with a concentrated number of visitors from the surrounding regions of the Middle East, Africa and the Asian subcontinent.

OFFICIAL DELEGATIONS

Hosted by the UAE Armed Forces, the official delegations represent more than 150 countries from around the world, and include individuals and representation from **Defence Ministers, Chiefs of Staff** and **Army, Navy** and **Airforce Chiefs**.





LAND, AIR & WATER DEMONSTRATIONS

Covering an area of **32,000 sqm**, live demonstrations at IDEX and NAVDEX provide the opportunity to demonstrate products on land and sea in front of a relevant audience.

IDEX DEFENCE CONFERENCE

With over **500 senior defence executives** including Ministers, Chiefs of Staff, land forces and naval commanders from around the world, the event is the most important defence conference in the region.



CO-LOCATED WITH NAVDEX

NAVDEX, the premier naval defence and maritime security exhibition for the Middle East and North Africa region takes place at ADNEC, at the same time as IDEX. Located on the waterfront at the ADNEC Marina, the event showcases the latest in naval, maritime and coastal security technology, equipment and crafts.





ADNEC IDEX 2017 VENUE

IDEX takes place at the Abu Dhabi National Exhibition Centre (ADNEC), which is centrally located in Abu Dhabi, the capital of the UAE. The state-of-the-art exhibition centre is the largest centre of its kind in the Middle East, and includes:

- **12 Indoor Halls**
- **Central Concourse**
- **Atrium Area**
- **ADNEC Grandstand**
- **Outdoor Capital Plaza**
- **Hospitality Chalets**
- **State-of-the-Art Media Centre**
- **Opening Ceremony Stage**
- **Live Demonstrations Mobility Track**
- **NAVDEX Exhibition Halls**
- **On-Water Berths**
- **Food & Beverage Outlets**

The IDEX exhibition utilizes over 100% of the exhibition centre utilising 133,000 sqm of event space, including:

- 12 indoor air-conditioned halls, the concourse and atrium spaces
- The central outside area, Capital Plaza with outside displays and exhibition stands/pavilions
- A purpose-built demonstration track located in front of the ADNEC Grandstand
- 35,000 sqm of event space at the ADNEC Marina with a 500 m quay wall and berthing pontoons
- Dock-edge area featuring: NAVDEX exhibition halls, ships berthed at the Marina, crafts and vessels berthed on temporary pontoons, on-water live demonstrations and networking events

“

IDEX is one of the most important exhibitions in the world. There are plenty of delegations, and opportunities and for us it provides a fantastic opportunity.

Alberto Gutierrez
Eurofighter

”

EXHIBITION OPPORTUNITIES

IDEX continues to attract a growing number of international decision makers from within the defence industry, alongside key representatives from governments, armed forces and the key military personnel. Strong representation from GCC and the wider international community make IDEX the prime platform to reach such an important audience.

WHY EXHIBIT?

- Position your company as a leader in defence technologies and solutions
- Take a leadership role in the defence and security market
- Gain access to global leaders, policy and decision makers
- Promote your technologies and projects to a relevant audience
- Reach thousands of prime contractors, OEMs and international delegations
- Benefit from global media coverage



“

IDEX is the ideal platform for us to look for new partners in order to grow and develop a product that can be sold abroad and locally.

Ali Al Yafei
CEO, ADASI

”

EXHIBITING OPTIONS

A INDOOR SPACE ONLY

Will comprise of an indoor area marked out to the required dimensions. This solution is beneficial for larger plots and offers creativity and flexibility in terms of stand design and branding options.



B HOSPITALITY SPACE - CAPITAL SUITES

Perfect for private meetings, presentations or corporate hospitality. The indoor Capital Suites, located around the Concourse (1st floor), are available for hire during the event.



C INDOOR SHELL SPACE

A minimum 9 m² shell scheme stand comprises the space, carpet, walls, spot lights, electricity sockets, name board and furniture, tailored to your needs.



D OUTDOOR SPACE

The space will comprise of an outdoor area marked out to the required dimensions. This solution offers great stand visibility and a flexible display area for your products.



Take advantage of the unique sponsorship opportunities:

- Diamond Sponsor
- Platinum sponsor
- Gold Sponsor
- Delegation Lounge sponsor
- Exhibitor Gala Event
- IDEX Conference Sponsor
- Media Centre
- Media Pack
- Official Show Preview
- IDEX E-Newsletter
- Wayfinding Digital Screens
- Event Wi-Fi
- Internet and Mobile Charger
- Kiosks Sponsors
- Information Booths Sponsors
- Mobile App Sponsor
- Visitor Carrier Bag Sponsor
- Exhibitor Welcome Pack
- Waste Branding
- Exhibitor, VIP & Media Car Park Passes

BOOK A STAND/SPACE

For more information and to reserve your space, email shahla.karim@adnec.ae

“ We have been here from the beginning, for about 10 shows. We are represented highly here and we have always supported IDEX very strongly. IDEX attracts governments and defence companies from all over the world, which makes it a fantastic place to come and exchange ideas. ”

James Clements

Spokesperson for UK Trade and Investment

“ We have had a great experience. IDEX is by far the most productive show in the Middle East and we look forward to it every year. The turnout was better than expected. We are very pleased with our visit and look forward to the next edition. ”

Jim Thomson

Senior Director, General Atomics Aeronautical

“ US companies benefit tremendously from the willingness of GCC countries to interact and that is the primary reason why they return here every edition. IDEX provides opportunities to build and grow relationships. These relationships seem to be maturing with each successive edition. ”

Lt Gen Roger Thompson (Retired)

Vice President, The Association of the United States Army

“ It is really nice to be here, it feels like we are amongst friends and not only partners. This friendship is an important thing for future times, and to keep in contact to solve common problems regarding crises around us. ”

Michael Knop

Director of the Federation of German Security and Defence Industries

“ One of the best international shows I have ever attended. ”

Paul Casey

Director International Business Development, Northrop Grumman

MEET US AT: IDEX, 19th - 23rd Feb. 2017, Abu Dhabi National Exhibition Centre, Abu Dhabi.
Security and Policing, 7th - 9th March 2017, Farnborough, UK.

NEW

DETK AND LETK.
THE POWER OF SIMPLICITY.



Threat Detection Technologies

DETK (Dry Explosive Test Kit)

DETK is a single use colorimetric-based test kit for the presumptive identification of military grade explosives and precursors used in the manufacture of improvised explosives.



Threat Detection Technologies

LETK (Liquid Explosive Test kit)

LETK is an ECAC certified colorimetric-based test kit for detecting liquid explosive threats found in liquids, aerosols, gels and creams.

Contact: info@bbidetection.com

Go to: www.bbidetection.com

Both DETK and LETK offer:

- Wide range of explosive threat detection
- Rapid results
- Low training burden
- No power requirements
- Kits contain no glass vials or hazardous liquids



BBI DETECTION LISTENS, INNOVATES,
DELIVERS AND PROTECTS

BBI Detection to launch new and Narcotic Threat Detection Expo 2016



New range of Explosive Detection kits at UK Security



BBI Detection are proud to announce a partnership with S2 Threat Detection Technologies to bring their innovative Explosive and Narcotic Detection kits to the wider Defense and Security market.

This unique product portfolio provides simple to use, rapid and low cost solutions for the presumptive identification of potential threat items in a variety of scenarios such as screening at secure checkpoints or the assessment of suspect powders or materials in clandestine labs.

- The Dry Explosive Test Kit (DETK) is a single use colorimetric-based test kit for the presumptive identification of military grade explosives and precursors used in manufacture of improvised explosives
- The ECAC certified Liquid Explosive Test Kit (LETK) is a colorimetric-based test kit for detecting liquid explosive residues found in liquids, aerosols, gels and creams and is designed for presumptive identification of concealable liquid threat materials.
- The Narcotics Test Kits (NTK) and Cannabis Test Kit (CTK) are a rapid, simple, and reliable technology designed for identification of Drugs of Abuse by first responders and frontline personnel.

These new products are complimentary to BBI Detections existing portfolio which includes the Biothreat and Explosive Detection IMASSTM platforms.



Cool for Cats and a Bird in the Hand

Qioptiq Thermal, Image Intensified and Fused Sights Have It Covered

The latest technology on show at IDEX with cutting edge design and the latest technologies deliver world-class affordable performance. With products proven to perform in the most demanding military environments Qioptiq, an Excelitas Technologies company, is a trusted partner in the global supply chain to defence primes and armed forces around the world.

As one of the world's principle designers of infrared products Qioptiq have incorporated the latest optical and detector technologies, whilst creating cost effective solutions designed for high volume production. Our equipment is compatible with a variety of sensor technologies, allowing adaptability for a range of requirements.

Our latest product range includes cameras designed for medium wave infrared, long wave infrared and the visible spectrum, therefore ensuring that we can provide solutions for a variety of applications.

Examples include:

- Remote weapon stations
- Dismounted combat
- Sniper applications
- Mast mounted surveillance
- Border surveillance
- Maritime surveillance
- Airport surveillance
- Vehicle mounted systems
- Oil-rig installations

This product range offers market leading performance, affordability and reliability.

Overview of Dismounted Combat Products: The Birds

KESTREL Image-Intensified Rugged Night Vision Binocular: KESTREL binocular configuration enables enhanced depth perception and it is well suited for vehicle driving, parachute jumps and Special Forces operations, even at very low light levels. KESTREL provides state-of-the-art and rugged mechanical design for improved comfort during long periods of use.

KITE In-Line Weapon Sight: KITE In-Line is a compact night sighting system that's mounted on a weapon in front of a magnified day sight. It uses image intensification technology to amplify the small amount of light energy available at night-time to present soldiers with a clear bright image of the night scene at distances beyond 1,000m.

SAKER Fused Weapon Sight (FWS): SAKER provides dismounted close combat users with enhanced, dual waveband detect, recognize and identify capability. Designed for short and medium range surveillance and target engagement, SAKER combines image



intensification and uncooled thermal imaging capability in a single lightweight, compact yet rugged package.

DRAGON-C and -S Thermal Weapon Sights: Available in a variety of models, DRAGON thermal weapon / surveillance sights provide all round capability for dismounted close combat users.

DRAGON-C ultra-lightweight multi-purpose thermal weapon/surveillance sight provides all round capability in a compact design.

DRAGON-S provides snipers with 24-hour surveillance and target engagement capability for a range of optical dayscopes.

Overview of Ground Vehicle products: The Cats

JagulR-L is Qioptiq's longest range, ruggedised solution for tough environmental requirements. The camera is an extension to the JagulR product making it ideal for applications requiring additional range performance. This robust solution combines the latest in detector technology with world class optics. Its rapid, continuous zoom function (x13.5 Continuous Optical Zoom) allows surveillance of vast areas, whilst also achieving impressive identification ranges (Man Detection >17km).

JagulR is a Cooled MWIR solution for challenging, long range requirements. This robust solution combines the latest in detector technology with world class optics. Its rapid, continuous zoom function (x13.5 Continuous Optical Zoom) allows surveillance of vast areas, whilst also achieving impressive identification ranges (Man Detection >11km).

PanthIR12 and PanthIR17 are the next generation uncooled LWIR continuous zoom lenses (x10 Continuous Optical Zoom). The PanthIR optical module is optimised for the latest generation of 17µm and 12µm uncooled focal plane arrays



(including HD formats). The system has been designed to be compatible with all commonly used sensor engines.

CougIR is an uncooled LWIR continuous zoom lenses (x6) that offers competitive range performance in a reduced envelope for requirements with tight space constraints. It is ruggedised and optimised for the latest generation of 17µm and 12µm uncooled focal plane arrays.

Ocelot is Qioptiq's visible camera offering which enhances the entire thermal suite by providing a wider spectral capability. This creates an ideal solution for security and remote monitoring applications.

An important feature of Qioptiq systems is the sensor agnostic approach taken during design, which allows a variety of cores to be integrated within our products. This allows for competitive pricing, the ability for onshore input from end users and being able to supply leading product anywhere around the globe using compliant equipment.

About Qioptiq:

Qioptiq, an Excelitas Technologies Company, designs and manufactures photonic products and solutions that serve a wide range of markets and applications in the areas of medical and life sciences, industrial manufacturing, defence and aerospace, and research and development.

Qioptiq benefits from having integrated the knowledge and experience of Avimo, Gsänger, LINOS, Optem, Pilkington, Point Source, Rodenstock, Spindler & Hoyer and others. In October 2013, Qioptiq was acquired by Excelitas Technologies Corp, a global technology leader focused on delivering innovative, customized solutions to meet the lighting, detection and other high-performance technology needs of OEM customers.

The combined companies have approximately 5,300 employees in North America, Europe and Asia, serving customers across the world.

Visit www.qioptiq.com and www.excelitas.com for more information.



United in Keeping Our Troops Safe



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**SAKER
FUSED**



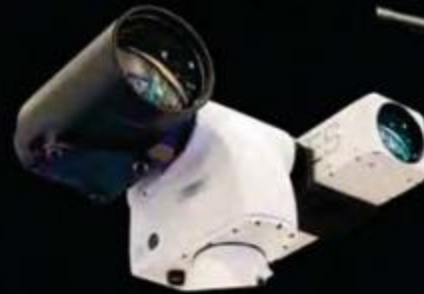
KITE IN LINE



DRAGON-C 640



DRAGON-S



HADES
Medium Wave
Infrared Continuous
Zoom Camera



PANTHIR
Long Wave
Continuous Zoom
Thermal Camera



SAKER Fused



KITE IN LINE Night Vision



DRAGON Thermal

FROM CWS TO FTS - SUPPLYING THE BRITISH ARMY FOR OVER FOUR DECADES

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IMAGE INTENSIFIED | THERMAL | FUSED - SIGHTING SOLUTIONS

DRAGON • Uncooled Thermal Imagers



C S MULTI SR MR LR

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C SR MR LR

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TeamArmy
GOLD MEMBERSHIP

Military Wheeled Tyre Protection

Tyron has developed a range of solutions to keep wheeled vehicles moving safely in the event of a sudden tyre deflation.

Created following extensive consultation with both users and tyre fitters, Tyron's solutions have been extensively tested and proven in the harshest conditions.

The company's two product families are the Tyron All Terrain Rubber Runflat or ATR and the Tyron Multiband. In both cases these have been designed to allow for the changing of tyres without the need for specialist equipment.

Tyron has developed and patented a multipart rubber runflat, suitable for fitting to a wide range of military and security force off road vehicles.

Made out of rubber, the Tyron ATR absorbs the shocks from bumps more effectively than a hard composite solution and reduces the damage to the wheel and the tyre, so that both have the potential of being re-used when repairs have been carried out.

Using rubber also gives the passengers inside the vehicle a more comfortable ride in the case of a tyre burst, which enables them to be in better shape to carry out their task.

The patented multi part design allows the fitter to change a tyre at the side of the road without special tools.

Tyron's rubber runflats are designed with beadlock, which prevents the wheel slipping inside the tyre, this allows the vehicle to continue on its mission and get back to base. The use of rubber is far more effective than other materials.



Wheel & Protection

Friction Shield for Prevention of Tyre Damage

Tyron has developed a lubrication system to further improve the performance of the ATR. Friction Shield is a sealed lubrication system, which bursts following a sudden tyre deflation and provides the right amount of lubricant to reduce the heat generated by friction between the runflat and the inside of the tyre, to ensure that the tyre is not damaged further.



TYRON

Flat Tyre Protection



When Success is Vital



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ABU DHABI, UNITED ARAB EMIRATES



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in the Canada Pavilion*



Waterborne Operations

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Overt and Covert options available



I.F.F, C² & Personnel Recovery



We offer a wide array of portable beacons with advanced technology that allows users to program unique flash signatures (overt and covert), synchronize flash patterns, and more



Landing Zones and Airfields

Powerful, remote operated landing zone systems that can be set up in any terrain and adjusted to required level of visibility. Available for large aircraft, helicopters, beach head marking and more



Vehicle Illumination & Identification

Enhanced driver night vision and unique identifier signals for humvees, ATVs, and watercraft



Innovation that works! Adventure Tactical will bring to IDEX its latest Canadian Made technologies. Adventure Tactical Inc. provides quality products that are versatile and unique that can be consistently relied upon to deliver outstanding performance. A trusted international supplier to the defence forces, Adventure Tactical products are truly the finest in their class.

A world leading designer and manufacturer of infrared technologies, Adventure Tactical products have been relied on by elite military teams across the globe when survival was vital, no matter the environment! Today, Adventure Tactical has incorporated the latest technologies to offer yet again the best solutions to help protect those who protect us.

Our latest product range includes solutions for vehicles and safety systems, Expeditionary Landing and Drop Zones, as well as Renewable Energy and Man Portable Power Systems. Our world renowned Personnel Recovery and Identification Systems or Identification of Friend and Foe (I.F.F.) have been in constant evolution from systems to accessories, therefore ensuring that we can provide solutions for a variety of applications.

Being a designer AND manufacturer allows us to specialize in working directly with our clients to offer custom solutions for their specific needs.

VIPIR Visual/Infrared marker, beacon, and strobe: VIPIR different configurations enable the user to toggle between up to 14 different functions including features like Auto-Synchronization and signal recording and playback. An Iconic product to many Special Forces Teams, it is well suited for Personnel Recovery and Identification, situational alertness, command and control, [CSAR], vehicle driving, and parachute jumps, among others.



Stealth Illuminator

HLZ/DZ Expeditionary drop/Landing Zones: HLZ/DZ provides helicopter and airplane pilots with an Infrared or visual runway or landing pad. The system is remotely controlled to up to 1800 meters, and due to our unique ADHOC mesh network, configurable for any runway length or shape. The HLZ/DZ is well suited for temporary and covert landing stations, parachute jumps, Medical Evacuation, Search and Rescue missions, as well as various Special Forces combat requirements. The HLZ/DZ comes in a compact yet rugged combat case that makes them the most compact and most effective in their class.



About Adventure Tactical:

Proudly Canadian, Adventure Tactical, a division of Adventure Lights Inc., has been providing quality products that have proven their value and durability in-field for over 20 years.

Compare our products for reliability, versatility and overall quality and you will find that we have no equal. Our products are truly the finest in their class.

We specialize in working directly with our clients to offer custom solutions for their specific needs.

A leader in Identification of Friend and Foe (I.F.F.) technology, Adventure Tactical also offers a wide range of solutions to help protect those who protect us!

- Personnel Recovery and Identification Systems
- Vehicle Identification & Safety Systems
- Expeditionary Landing & Drop Zones
- Renewable Energy Man Portable Power Systems

Visit www.adventuretactical.com and www.adventurelights.com for more information.



Left: VIPIR NATO Helmet light shown mounted on the back of a soldier helmet

Stealth Illuminator Vehicle illumination system: STEALTH ILLUMINATOR is a compact Infrared vehicle headlight that requires minimum vehicle architecture dependency, delivering driver assisted vision and allowing the driver to operate the vehicle in complete darkness! It is well suited for vehicle driving, Beach Landings and Amphibious Assaults, Night time marine operations, and watch towers. The Stealth illuminator projects an infrared beam to present soldiers with a bright vision at distances beyond 1000 meters!

Right: 6 Light Expeditionary Landing Zone System



WIL-BURT

STILETTO^{AL}

High accuracy electro-mechanical telescoping mast

The new Stiletto AL delivers an extremely stable and compact elevation platform for sensors and antennas that require a high degree of pointing accuracy.

This high strength alloy electro-mechanical telescoping mast with patent pending automatic locks does not require guying and safely deploys payloads at any height.

The Stiletto AL is a cost-effective elevation platform designed to meet today's stringent program requirements.

ESSENTIAL FEATURES

- **No guying required, self-supporting mast**
- **Minimal mast twist**
 - Energized keyway guides in accessory-ready collars
- **Low wind deflection**
 - Mast sections are held tight by constricting wear bands
- **Quiet operation**
 - Direct-drive system powered by environmentally sealed 600 watt DC motor with manual over ride
 - Patent Pending Quiet Locks designed for heavy payloads
- **Reduced maintenance**
 - Clean air filter system prevents dirt from entering mast
 - Integrated dirt/dust wipers and ice-breakers built into collars
- **High strength alloy construction**
- **Integrated PC control**
- **MIL-STD 810 compliant**

High Strength Alloy Construction



Patent Pending Quiet Locks Designed for Heavy Payloads



Quiet Sealed Direct-Drive System



Integrated Dust Wipers and Ice-Breakers





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FIELD TESTED & BATTLE PROVEN

PELI-HARDIGG MILITARY TRANSPORT SOLUTIONS

Meet the returning troops. **Peli-Hardigg Military Case** categories boast cases that are not only virtually indestructible as well as airtight, watertight and decontaminable – but are also reusable.

Mission after mission, they can be called upon to protect, deliver and defend vital equipment under the harshest of conditions. Nothing protects like Peli-Hardigg.



Over +500 sizes of protector cases for weapons and sensitive electronic equipment

Mobile Medical cases to protect lifesaving medical gear



Mobile Master pallet-ready cases for efficient international delivery



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Peli-Hardigg UK Case Center: Hardigg UK Ltd

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EMEA headquarters: PELI PRODUCTS, S.L.U.

C/ Provença, 388 Planta 7 | 08025 | Barcelona, España | Tel +34 93 467 4999 | info@peli.com | www.peli.com

PELI-HARDIGG SHOWCASES AT IDEX ITS ADVANCED PACKAGING AND TRANSPORT SOLUTIONS FOR DEFENCE



Since 1976, Peli™ Products engineers have successfully developed custom solutions for the transport and packaging needs of the Earth and Sea Defence Military. Peli's innovative products enable sensitive equipment to travel through hostile environments and arrive operational. Most models have been tested in the field as well as in combat situations, since Peli's expertise is in building robust line of cases and lighting products that proudly live up to the harsh demands of the military. At IDEX Show (**Stand 03-CO1**) Peli showcases solutions that helps Military succeed in their missions.

NEW PELI-HARDIGG™ V-SERIES RACK CASES

This value-priced, feature-rich case line is perfect for sensitive electronics equipment. The V-Series Rack Cases is sold out-of-the-box ready for immediate use, worldwide. Peli-Hardigg™ V-Series Cases are built utilizing a full-boxed 19" (482 mm) steel rack with an industry-standard square hole pattern, so hanging electronics with tab mounts is a snap. These cases also include clip nuts - just attach the clip nut onto a square hole and you've got a secure, threaded mount. Peli-Hardigg ships the case with the customer's choice of 10-32 Imperial or M6 Metric clip-nuts. The Cases are available in two models: The Classic-V and the Super-V.



The **Peli-Hardigg Classic-V** case comes in black and is available in 3U, 4U, 5U, 7U and 9U with a 83,8 cm (33") rack depth. It includes one 6,4 cm and one 13,3 cm lid, four removable heavy-duty bottom casters, anti-reflective black hardware, including black stainless steel handles, lid hangers for storing the lids while in use, coupling catches for secure stacking, and a sealed gasket and PRV to keep the container airtight / watertight and eliminate over-pressurization.

The **Peli-Hardigg Super-V** case is available in 3U, 4U, 5U, 7U, 9U, 11U and 14U with a 61 cm (24") rack depth. It includes one 5,6 cm and one 13,2 cm lid, moulded in-rear edge casters with handles on the 5,58 cm lid for ease of movement, comfort grip plastic handles, lid hangers for storing the lids while in use, anti-reflective black hardware, coupling catches, and a sealed gasket and PRV to keep the container airtight / watertight and eliminate over-pressurization.



ADVANCED CASES AND TRANSPORT SOLUTIONS

Peli-Hardigg™ is the World's largest manufacturer of approved reusable plastic cases. With more than 500 sizes and bespoke capabilities, Peli Cases provide the highest protection to any equipment: from small electronic equipment to a complete Seabob diving scooter, parts of helicopters, a sophisticated UAV, sensitive arms or a fragile missile. Peli-Hardigg™ cases are lightweight, watertight, heat- and impact-resistant and virtually indestructible.



PELI-HARDIGG MOBILE MILITARY RANGE

This range includes the Mobile Armory and Mobile IT™ cases that shield all kinds of weapons as well as computers and electronics from adverse conditions such as storms and high humidity in the field. The Mobile Office™ consist on cases that soldiers can, in minutes, set up a field office of durable desks and bookshelves. The Mobile Medical™ cases include customisable inserts and options to organise and protect lifesaving medical gear, while the Mobile Master™ provide transports for 463L pallets, NATO and Euro pallets. All of this with Peli's legendary lifetime guarantee.

For more information visit www.Peli.com



THIELMANN WEW SHOWCASES FULL SPECTRUM FUEL

At IDEX 2017 on the Tawazun/ Nimr stand, THIELMANN WEW will showcase its capabilities in small deployable modules for high-tempo forward operations by displaying its LVM-W4 water system mounted on a Nimr 6X6 single cab Armoured vehicle.

WEW Container Systems has become the supplier of choice for modular fuel and water delivery systems for forward area operations since the mid 1990s. Over 2,500 WEW systems have been delivered and deployed with NATO and other forces, with many more currently under contract. WEW was acquired by THIELMANN - The Container Company in mid 2016.

All THIELMANN WEW systems are purpose-designed for "Plug and Play" simplicity, most are easily transportable through

any civilian or military logistics chain and many systems are air-portable. THIELMANN WEW's solutions provide a "Drop & Go" fuel and water capability for any deployment.

**All WEW
THIELMANN
systems are
purpose-designed
for "Plug and Play"
simplicity.**

This way, forces deployed on expeditionary operations can be assured of extremely rapid deployment and redeployment, even in the most forward and hostile operating areas.

Core to many of the products is the use of the DROPS or PLS (Pallet Loading Systems) hookarm load handling systems, which provide

considerable flexibility to military logistics vehicles across the world. The hookarm makes THIELMANN WEW's fuel and water systems easily deployable and fully interoperable with other suitably-equipped NATO load-carriers through the common adoption of the STANAG 2413 convention for ISO container and flatrack handling. Nearly 2,000 hookarm fuel and water systems have been delivered since the early 2000s.

**the hookarm makes
systems easily
deployable and fully
interoperable**

THIELMANN WEW's range of systems stretch from small 1,000 litre units able to be carried on a Light Protected

FUEL. WATER.

WHEREVER YOU NEED IT



www.wew.de



& WATER SOLUTIONS AT IDEX 2017



Patrol Vehicle such as the Nimr 6X6, through 10-13,000 litre DROPS systems in service with 13 nations, as well as base storage and dispensing units of over 45,000 litres which are currently being delivered to clients in the Middle East.

The fuel systems can be fitted with a variety of pumping and

filtration systems depending on usage.

The water systems can have chlorination, reverse osmosis, filtration, heating/cooling and pumps, in both cases making the units truly stand-alone systems.



THIELMANN WEW Transportable Fuel Station In service in the Middle Ea



Hook-arm Deployable Fuel & Water Systems from THIELMANN WEW

ABOUT WEW

Established over 75 years ago, WEW specializes in containerized solutions for some of the most toxic and hazardous chemicals known to man. WEW was acquired by THIELMANN - The Container Company in mid 2016, in order to broaden THIELMANN's range and capabilities in both defence and larger volume storage and transport solutions.

ABOUT THIELMANN - The Container Company

As the world's leading manufacturer of stainless steel containers, THIELMANN delivers unsurpassed container expertise that customers from a broad range of industries trust and depend on. The profound knowledge and expertise we've gathered in more than 275 years of container production and use, in a broad and diverse range of industries, render us uniquely qualified to confidently and successfully tackle your business challenge.

Sales Contact:

Falko Pfeuffer

WEW Container Systems GmbH

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Email: Falko.Pfeuffer@thielmann.com

Office: +49 2743 92253



www.thielmann.com
sales@thielmann.com

Timoney, a name you may have heard of but probably not one you know well, so what does it do?

For 50 years, 2017 is the company's 50th Birthday, it has been supplying automotive systems for harsh off-road environments from a country not often associated with AFVs, mining and construction trucks – Ireland.

In the early days, the Timoney brothers, founders of the company, supplied high output diesel engines but the opportunity arose in the early 1970s, just as the first oil crisis hit, to provide the Irish Defence Forces with a 4x4 AFV. Initially there was a supplier for the drivelines but when it came to actually providing they pulled out forcing the company to design its own driveline and independent double wishbone suspension system. This has gone on to form the core of the company's offering for a wide range of 4x4, 6x6 and 8x8 AFVs, the US Air Force's fire trucks, and Terex ore carrying vehicle.

Today Timoney is a different, though just as agile, company. It is focused on creating below the hull automotive technology for customers who don't have the engineering skills to develop their own drivelines but do want to develop their manufacturing skills and industrial capability. Core to its operating philosophy is creating technology for technology transfer.

Its work includes modular drivelines for 4x4, 6x6 and 8x8 vehicles, including suspension systems, axles, transfer cases, steering systems and chassis enabling soldiers to emerge from the vehicle fit to perform regardless of terrain or speeds experienced. If a customer wants it to, Timoney can design the whole vehicle from the ground up bringing in subject matter experts for areas such as armour and electronic systems architecture.





The Yugoimport-SDPR Lazar 3 APC uses Timoney axle systems which have been manufactured by their partners Texelis. It is a classic example of the company's operating system where it develops technology and then transfers this to its manufacturing partners to meet customers' requirements.



Pictured here is a cut away drawing showing how Timoney can bring together a complete under hull automotive system including suspension, drivelines, steering, transmission and amphibious drive solution. During a recent project, it build a "wire frame" prototype in less than six months.

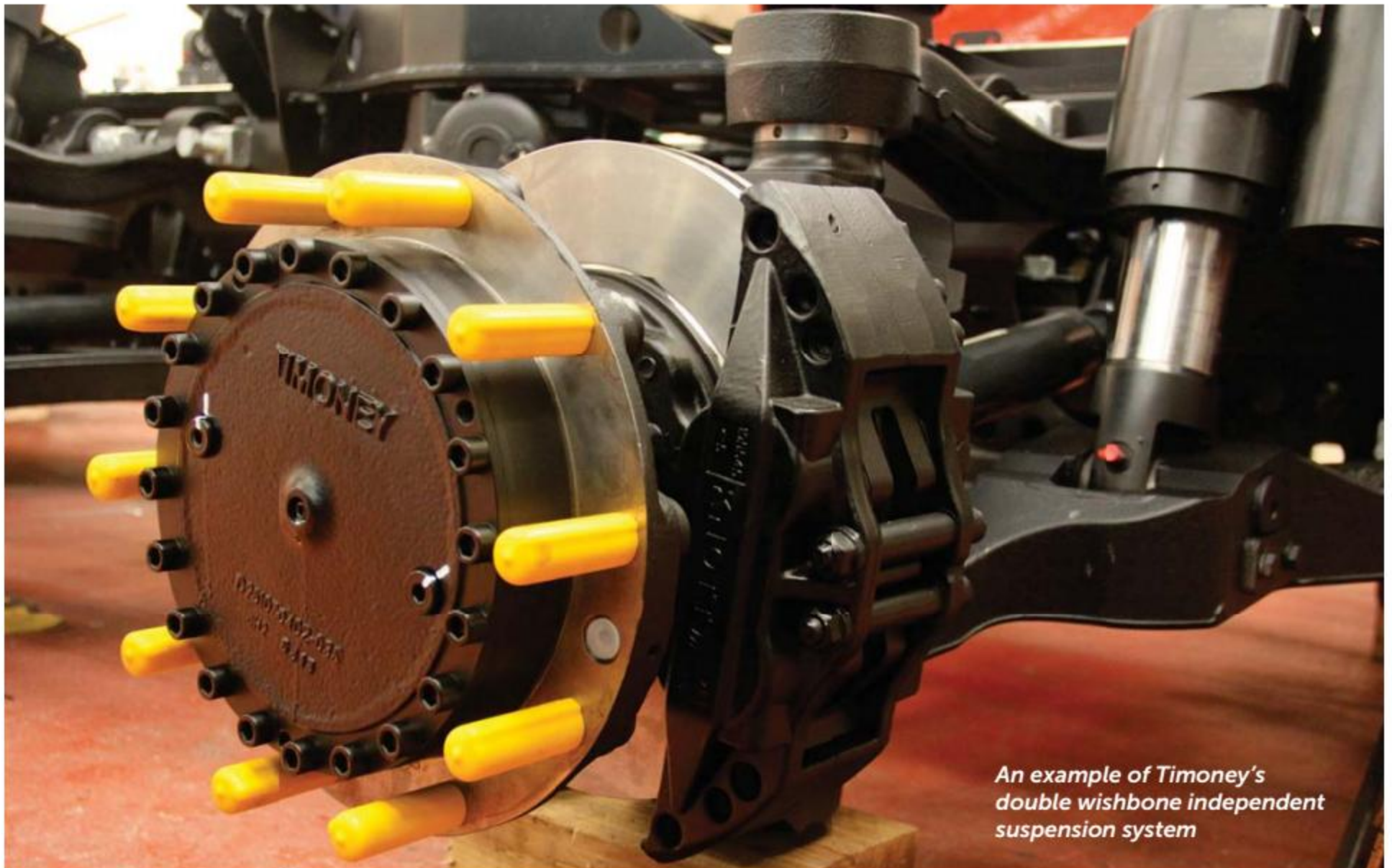


During the design and development phase of any project Timoney puts its systems through an extensive testing process. Here a double wishbone independent suspension system is tested on the company's test rig.

One of the attributes that Timoney prides itself on is being able to respond to customer requirements quickly. It does this through a novel process of bringing not only the customer but the complete supply chain and partners in one room and then working together to solve the problem and commit to the programme. This process, which requires partners in whom Timoney has complete trust, was applied recently to the design and prototyping of a complete AFV under hull automotive system which was taken from concept to proven prototype in less than six months.

This trust also works on the manufacturing of the company's driveline solutions where it works with strategic partners such as Texelis in France, who produce the company's axles under licence. Timoney designs the axle system and then works with the partners to manufacture and supply to those customers who want to buy the axles which have been designed into their vehicle. Over the years Timoney has been involved in a wide number of projects and the output of these can be seen in over 30 countries across the globe from Ireland to Australia to Korea, from the USA to South Africa and many places in between.

Though the market in major defence alliance areas such as NATO may be focused on a few prime programmes elsewhere many countries are looking to develop their own capabilities and it is these where the Timoney mantra has real applicability.



An example of Timoney's double wishbone independent suspension system

Celebrating 50 Years of Automotive Engineering Excellence



Visit us at IDEX 2017,
Stand Number 09-A32.

Timoney Technology, IDA Technology Park, Johnstown, Navan, Co. Meath, Ireland
timoneygroup.com



Visit us at IDEX 2017,
Stand Number 05-C31.

Tested Deployed Proven



Visit us at IDEX 2017,
Stand Number 06-A30.

Trusted engineers for over 100 years.
We design, make, integrate and support.
Enabling you to deliver.

 **Marshall**



marshalladg.com

Marshall a long standing partner to military customers

Camp infrastructure, military medical solutions, deployable systems and vehicle systems are all at the centre of Marshall Aerospace and Defence Group's Land Systems business, but what lies behind this?

The company is a long standing partner to military users around the world, providing design, manufacture, and through life support for all its solutions. It is a leading integrator and prime contractor supplying capability

which enables personnel and equipment to perform in the most arduous and difficult environments.

As a division within the Marshall Aerospace and Defence Group based at Cambridge in the UK, Land Systems was established in 1946, supporting the UK Ministry of Defence in the supply of vehicle based shelters and bodies. Today it is an international company providing solutions and services to a global market. It has been recognised for its innovation and export capability by the award of two Queen's Awards.

The manufacturing and Head Office facilities are in the UK and as part of the Marshall Aerospace and Defence Group, Land Systems also operates and offers support through its international offices in Ottawa Canada, Oslo Norway, Leiden the Netherlands, Richmond Australia and Abu Dhabi in the United Arab Emirates.

standing partner to s around the world

 **Marshall**

Marshall deployable hospital supplied to the UK MOD. This demonstrates the company's capabilities of working as a prime contractor with the customer to define the requirement, design the system and manage the supply chain to rapidly deliver a quality solution.

Capability

At the heart is a strong capability in design, development, systems engineering and project management of complex, integrated workspaces and vehicle systems for defence and security applications such as C4ISR, Medical, Forensic and Medical Analysis, Command and Control, and Workshop applications.

The proven shelter designs, whether fitted on vehicles or free standing, can provide protection from CBRN, blast, RFI and EMP.

Marshall has developed standard products and systems and then using its extensive systems engineering skills brings to life the bespoke solution to its customers' requirements. Adopting this approach means reduced risk, reduced through life and overall system costs, quicker delivery, upgrades provided more efficiently,

reduced training burden, and increases the interoperability between systems of the same design type, provides spares and maintenance support more quickly and reduces obsolescence management.

The company's manufacturing capability is all-embracing stretching from initial material forming through to extensive painting, finishing and testing facilities. Marshall is approved to ISO 9001 and as such holds comprehensive processes and procedures governing all aspects of production.

In support of its systems integration capability Marshall maintains the skills to cover all areas from requirements capture, development and conflict resolution to system engineering, engineering design, to human factors, mechanical, electrical/electronic, stress, safety and ILS engineering.

Support

The support operations are fully focused on ensuring that our products are always available for operations. Marshall has a proven track record of providing complete support solutions and is fully committed to ensuring support is equally considered from the outset of a programme along with the design.

It achieves this by applying the ILS philosophy of balancing the reliability, maintainability and supportability characteristics of the system to achieve not only the optimum Life Cycle cost but also to ensure that a high availability is maintained of the system for operations.

Recent Successes

Recent contracts which have epitomised this style of work have been the supply of a major hospital to the UK MOD where Marshall was the prime contractor, a long term support contract where the company is responsible for refurbishing the UK's fleet of shelter units, CT Scanners for the French Defence Medical Services,



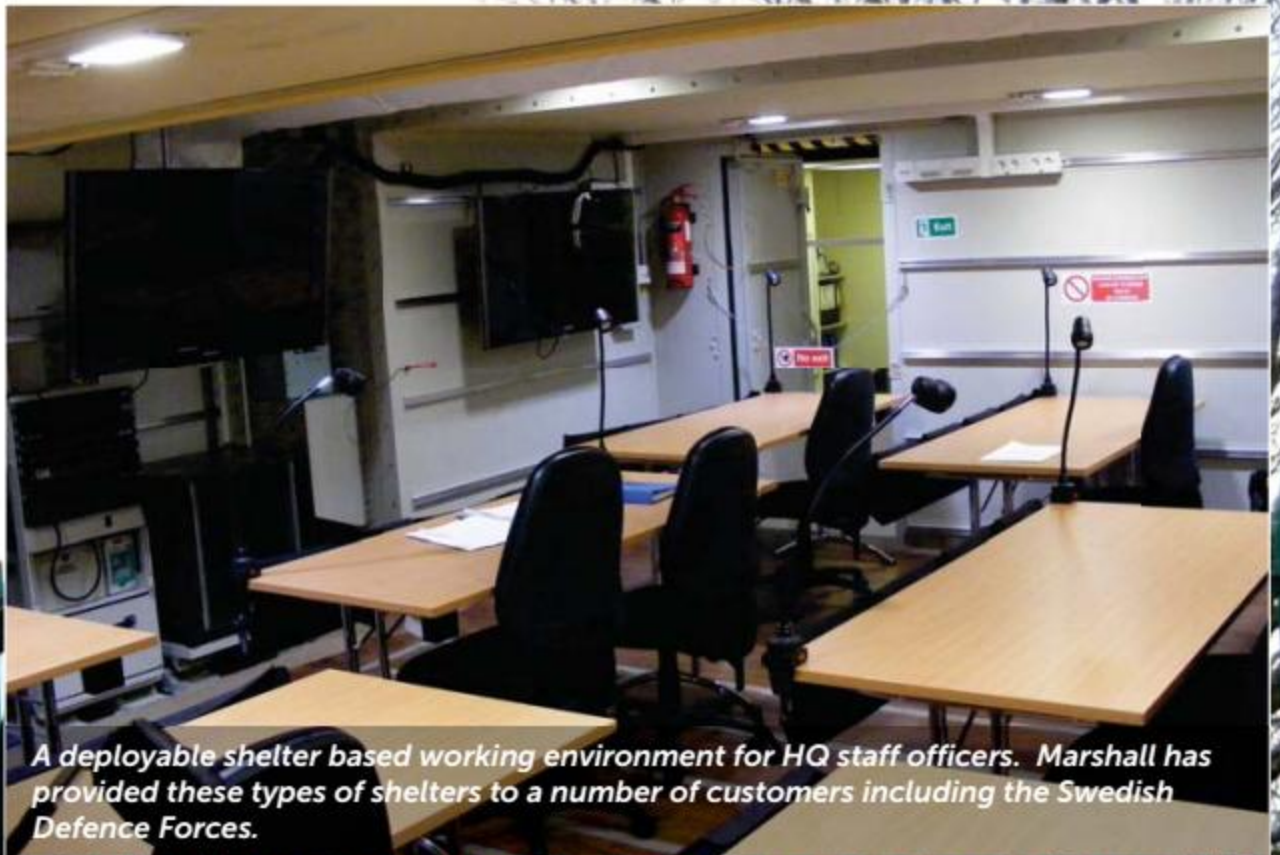
Marshall has provided protected shelters to the Irish Defence Forces EOD teams for deployment in the Middle East. These units encompass the company's vehicle and systems engineering skills to deliver a system which not only protects the operators but also provides a quality working environment.

protected vehicle shelters for the Irish Defence Forces, load beds for the New Zealand MOD, and command and control working shelters for the Swedish Defence Forces.

<http://marshalladg.com/land-systems/>



3 French CT Scanners prior to delivery to the customer. Marshall was awarded a Queen's Award for Innovation for the design which enables the scanner to be up and running within four hours of arrival. The company has worked closely with Phillips Healthcare developing this life saving capability to the UK and Norway with other customers in the pipeline.



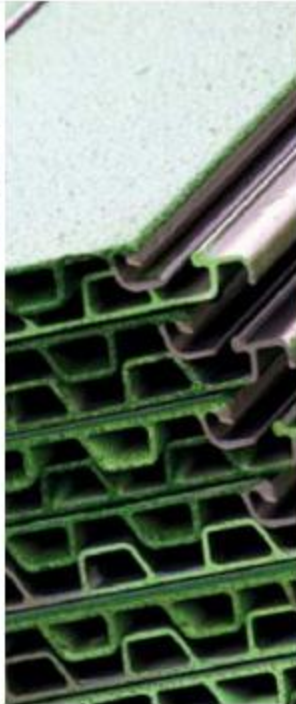
A deployable shelter based working environment for HQ staff officers. Marshall has provided these types of shelters to a number of customers including the Swedish Defence Forces.



Marshall has provided vehicle loadbeds for the UK MoD, the New Zealand Defence Forces and for global vehicle OEMs. These demonstrate the company's capability to design and manufacture standard product and then customise them to individual customer requirements so reducing both cost and delivery time.



In over 70 years of designing and manufacturing expedient surfacing solutions, our products have never been beaten.



In operation with over 40 armed forces worldwide, our temporary runways and portable roadways are deployed in minutes by minimal manpower.



Our products are unsurpassed in functionality, quality and durability.

With a proven track record for use in the harshest environments by the world's most demanding customers, Trackway® is in a class of its own.



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- ▶ EXPEDIENT SURFACING
- ▶ HELIPADS
- ▶ PORTABLE ROADWAYS
- ▶ RUNWAY REPAIR

FOLLOW OUR STORY:



FAUN TRACKWAY'S HEAVY GROUND MOBILITY SYSTEM - BRIDGING'S PERFECT PARTNER



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STAND 29
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**TRACKWAY DESIGN, MANUFACTURE AND SUPPORT TERRAIN
ACCESS SYSTEMS WORLDWIDE - PROVIDING ACCESS,
PROTECTING ENVIRONMENTS AND DELIVERING QUALITY.**

FAUN Trackway Limited has been the global leader in the design, manufacture and supply of expeditionary recoverable matting for over 70 years. Our products are used in land and air-side operations and are relied upon daily by military engineers in over 40 countries.

Our products are unsurpassed in functionality, quality and durability and is the solution provider of choice for terrain access systems worldwide.

Our HGMS (Heavy Ground Mobility System) provides improved mobility, bridging, immediate access/egress, route clearing and beach landing operations for vehicles when ground bearing pressure is very low. The HGMS is used worldwide to ensure expeditionary forces can tackle the toughest terrains on earth, preventing vehicle damage and protecting environments. HGMS improves mobility for heavy tracked and wheeled vehicles designed for multi-climate operations. MLC 70 Trackway handles snow, ice, desert, swamp and jungle terrain with ease.

FAUN Trackway's HGMS deploys, recovers, transports and stores up to 100m of MLC (Military Load Classification) 70 roadway, which can withstand repeated loads of tracked and wheeled vehicles. Trackway® has been graded as MLC 70 baseline on a 3% California Baring Ratio (CBR) ground conditions indefinitely. It will support heavier loads dependant on the ground condition.

50m of Trackway is laid by two men in less than six minutes.

MLC 70 Trackway is an ideal solution for:

- ▶ Aircraft Jet Blast Test Areas
- ▶ Aircraft Parking Areas
- ▶ Aircraft Recovery
- ▶ Gap Crossing
- ▶ Bridgeheads
- ▶ Boat Ramps
- ▶ Disaster Relief
- ▶ Flooring
- ▶ Helipads
- ▶ Humanitarian Operations
- ▶ Vehicle Parking Areas
- ▶ Route Clearance
- ▶ Runways – VTOL (Vertical Take off and Landing)
- ▶ STOL (Short Take off and Landing)
- ▶ Runway Repair
- ▶ Taxiways
- ▶ Temporary Road Repair
- ▶ Temporary Vehicle Access

HGMS has a number of variants including; the HGMS-IV (Independent Variant), HGMS-BD (Beam Dispenser) and MLC 70 Container. Please visit our website for more information.

fauntrackway.co.uk

DESIGNED TO DEFEND

Strong durable rapid construct aircraft hangars

Rubb's Expeditionary Forces Aircraft Shelter System is uniquely suitable for the military and aviation services, designed to be rapidly deployed and erected anywhere in the world. With unmatched relocatable buildings in action across the globe, Rubb has the ideal solution for storage and maintenance requirements.

Span sizes

Multiple hangar spans: 11.1m (36ft), 20.4m (67ft) and 25m (82ft)



Packing

Complete EFASS range of military buildings packs into 20ft ISO shipping containers.



Construction

Structures can be quickly built without additional mechanical plant



Strength

Withstands wind and snow loads to UK Defence Standards



Usage

Fully demountable for future storage, relocation and construction cycles





ايدكس IDEX
2017

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Abu Dhabi, United Arab Emirates

Stand 06-A31 Hall 06 UK Pavilion



Fabric

Double skin insulated PVC fabric cladding is fire retardant and can be easily repaired.



Handling

Components can be unpacked, constructed, dismantled and repacked by military personnel



Access

State-of-the-art hangar doors available including Heli-Door, Trident and Roller Shutter options



Framework

The EFASS hangar aluminium framework has been designed to maximise strength, minimise weight and still be robust enough to withstand multiple construction procedures in challenging environments.



Military Buildings

excellence in engineering



In the ever challenging and complex land environment, Commanders require more than ever the ability to freely manoeuvre to places at the time of their choosing.

Opponents, however, may have different ideas employing complex counter manoeuvre techniques and tactics to shape the battle space to their own advantage in real time. It is precisely because of this that the Commander must have the inherent, in-stride resources available to adapt to uncertainty.

These demands place increased emphasis on the ability of armoured vehicles to be 'modular' in function and able to adapt their capabilities as missions evolve. This requires flexible and adaptable solutions within platform configuration constraints.

Pearson Engineering's range of Combat Engineering equipment and MineWolf products provide tactical flexibility.



***Assured Mobility
for the toughest
of missions***

Proud to support the Union Defence Force
Visit us in the UK Pavilion
www.pearson-eng.com



MineWolf
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**See our MW240
platform at
stand C8-001**



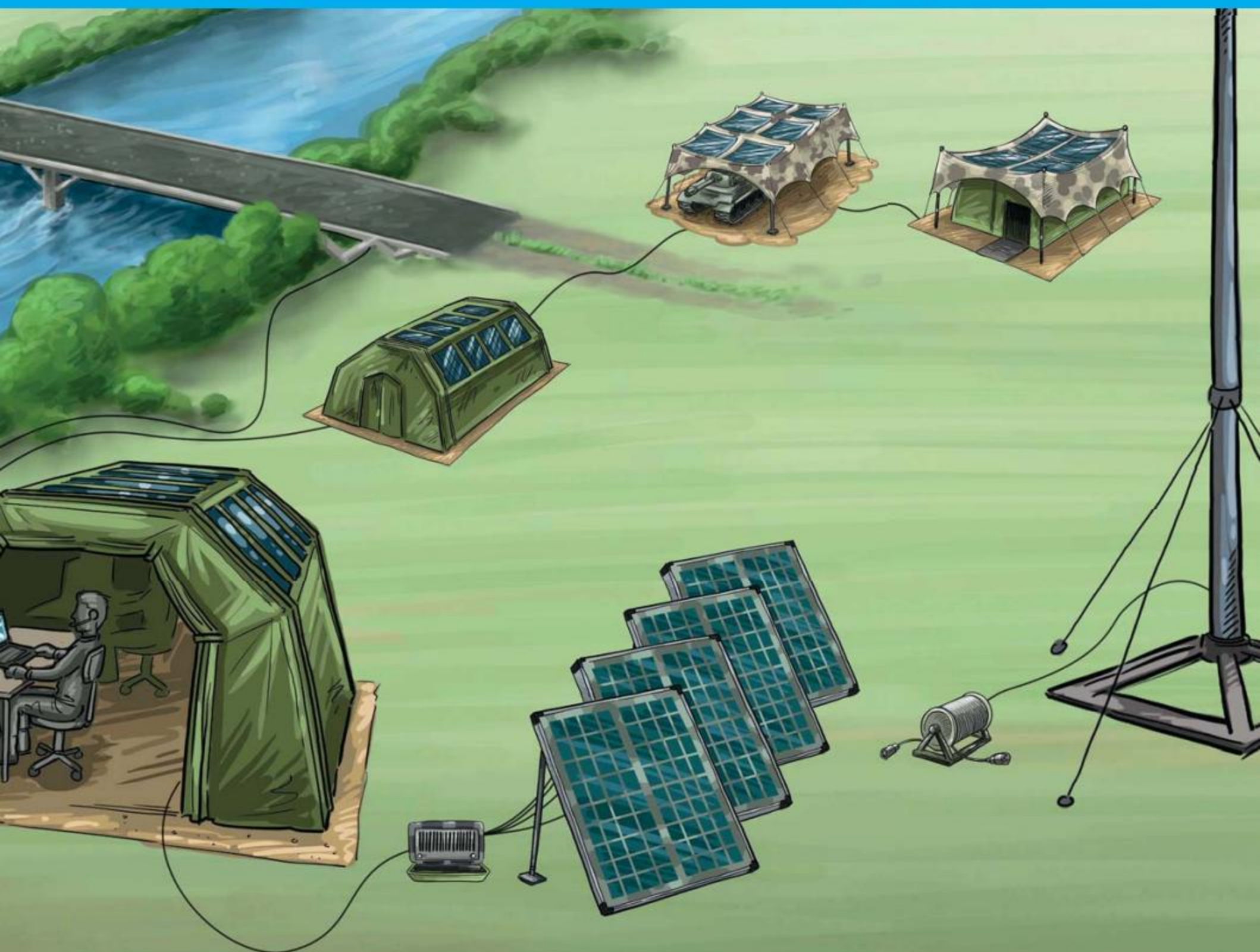
Mobile tactical applications – rapidly deployable systems


BRUGG



Brugg Cables is well known internationally for signaling and power cables. In defense technology, Brugg excels thanks to its highly robust tactical fiber optic field cables with a wide variety of military-type connectors and comprehensive accessories and services, including training and engineering. At the AFCEA Trade Exhibition 2016 in Bonn and Eurosatory 2016 in Paris, Brugg Cables presents its innovative hybrid cable solution, which makes it possible to set up power and data networks simultaneously via a single cable.

In addition to the benefits of rapid installation and deployment, the combination of data and electricity means that the power generators, storage devices, and consumers are also connected to the data network and can be optimally monitored and controlled by means of a data-power management system. The management software and hybrid cable solution also support simple and flexible planning, installation, and expansion through the use of local power sources such as sun, wind, and water. The integration of fiber-optic and copper cables up to 1500 V DC/16 A permits virtually unlimited data bandwidths and many kilowatts of transmitted power. The ring or meshed network topology is highly available thanks to a high redundancy that is augmented by distributed, networked power sources and storage devices. The hybrid cable solution also enables the connection of remote stations so that radio stations, sensors, and actuators can be networked and supplied with several kilowatts of power at a secure distance of 500 to 5000 m.





To summarize: Hybrid cable solutions are ideal for deployable base camps:

- Hybrid cables are thin and light but extremely powerful (kW and Gb/s).
- An integrated power and data network can be set up using a single cable.
- Ready for distributed power sources such as diesel, hydropower, wind, and solar power.
- A prerequisite for efficient data and energy management (SNMP).
- Signature sources such as radio waves, heat, and noise remain at a safe distance from the base camp.

The hybrid cable solution is not new. It has been tried and tested by various armed forces that are already using nearly 1000 km of cable and more than 3000 hybrid connectors daily in harsh field conditions. Experience in real-time deployment reveals tremendous optimization potential for base camp infrastructures in terms of resource optimization and simplification, performance enhancement and energy efficiency, availability and security, and transport and logistics. Brugg's current hybrid cable solution helps ensure that the desired objectives are truly viable and achievable through the combination of existing and new technologies and that the equipment will also still be suitable for future technologies. Although the goal of reducing fossil fuel consumption has an ecological basis, the high-risk transport and storage of fuel in crisis areas also drives up energy costs to a significant degree. A network topology that makes simple and efficient use of locally available power sources is therefore indispensable.

Integrate your data- and power networks with the most robust tactical cables

Protect your critical infrastructure with distributed fiber optical sensing

Visit us in February 2017 at the
IDEX in Abu Dhabi, booth 08-B21



Brugg Cables is designing and manufacturing a wide range of fiber optic cables and accessories for deployable communication systems and distributed sensing applications. For distributed sensing typical applications are perimeter control and intrusion detection. Use Brugg Cables competences and services for optimized results in your critical environment. Ask our specialists.

Telephone: +41 (0) 56 460 33 33
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www.bruggcables.com

BRUGG **CABLES**
Well connected.

RAPIDLY DEPLOYABLE AND READILY AVAILABLE



When selecting the appropriate solutions for defending border lines and creating managed access points, there are many uncontrollable variables to contend with; from location and time constraints to the safety of personnel.

Add to this the complexity and diversity of threats; the continuous risk to national security and array of unpredictable challenges; it's imperative you have the confidence that your chosen solutions are up to the demand.

With Hesco, you can stand strong in the knowledge that your country's borders are protected by the best.

GROUNDWORK

Rapid perimeter protection can often require extensive groundwork, relying on embedded foundations to absorb impact of an attack. These systems can become costly and time consuming, especially when covering vast areas of harsh ground or desert.

For perimeter protection, HESCO TERRABLOCK™ RANGE provides rapidly deployable, ground-mounted security barriers. Available at varying height and configurations, these hostile vehicle mitigation solution don't require foundations and can stop a 15,000lb hostile vehicle traveling at 50mph to ASTM specifications. With no digging and no concrete, TERRABLOCK is as easy to remove as it is to install.

Groundwork can also be an issue when creating sentry observation points. Combining extruded alloy components and renowned HESCO Defensive units, our Elevated Sangars extend platforms to over three meters above the ground and provide observation decks for security personnel.



LOGISTICS

When faced with creating miles of ballistic protection, HESCO RAID™ is able to deploy over 1,000 feet of 2.2 meter tall blast mitigation barrier in under 60 seconds.

RAID utilizes a specially designed and engineered ISO container, with purposely designed release mechanism to allow rapid deployment of pre-joined standard or recoverable units, able to cover undulating ground and create curves and corners.

Unused barrier can be secured in the container and stored for later use, and an empty ISO container can be transformed into storage shelters using a combination of HESCO MIL units and our Light Weight Bunker Roof.

PERSONNEL PROTECTION

HESCO Accommodation Bunkers (HAB™) have been developed to offer a safe haven to those located in remote and austere locations. HABs provide enhanced ballistic protection from indirect fire and side walls are made of specifically engineered Concertainer units, offering proven protection from weapons systems up to and including large mortar rounds.

A specifically engineered roof structure is provided to combat the effects of indirect fire weapons and using specially engineered lining kits HABs can be transformed into a hygienic base for medical use, all without compromising on security and protection.

CHECKPOINTS

HESCO Guard Post Kit is delivered on a single pallet for ease of storage and transport, and enabling the quick construction of checkpoints. For personal protection against ballistic threats, HESCO Body Armor provide low visibility, ballistic resistant inserts, engineered to be lighter and thinner without compromise on protection and designed for active shooter situations.

Inquire today for a consultation with one of our Advisors.

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Find us at IDEX
 UK Pavilion, Booth 05-C23
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AIR



Tuneable Antennas



Airborne Tetra



Direction Finding



Anti-Jam GPS

COBHAM

The most important thing we build is trust

Vehicle Intercoms



Interference Cancellation



Mast Systems



Mine Detection



Microwave Antennas



LAND

Cobham: Anti-Jam GPS Capabilities Demonstrated at IDEX

Cobham has developed an Anti-Jam GPS system which is a highly effective solution specifically designed to meet the demands of military aircraft. Its compact size and modular design make it ideal for new installations and retrofitting to fixed wing, rotary wing and UAV platforms.

The system will be available for viewing and demonstration on Cobham's stand 06-A34 at IDEX. Please contact us or visit our stand to find out more or arrange a demonstration.



Type 7-6005
GPS Anti-Jam DACU
L1 / L2 Bands



Type 20-7009
Four Element CRPA
L1 / L2 Bands

Cobham at IDEX

Attending IDEX enables us to, cost-effectively, meet all levels of the customer community: in-country partners; end-users; platform OEMs; government/military agencies.

From the conference we are able to progress existing (known) opportunities at all levels of the customer community whilst allowing access to new opportunities. At the same time gathering more visibility of the customer's landscape and identify opportunities for partnering.

Cobham will be exhibiting a range of other products at IDEX to cater for multiple interests in the region including:

Airborne Antennas



Land Antennas



Interference Cancellation



Intercoms



Mast Systems



Cobham Antenna Systems
The Cobham Centre, Marlow
SL7 1TF, UK
Tel: 01628 472072

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TYRON

Flat Tyre Protection

Visit us at IDEX 2017,
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The World's only multi piece **RUBBER** runflat with built-in lubrication...



Only runflats made of rubber can guarantee BEADLOCK, work offroad, negotiate kerb strikes and reduce tyre damage at low pressures.

Until now, these have needed a special machine to change a tyre.

Introducing a British invention....

the Tyron ATR...
solves all of these issues

Additional advantages with Friction Shield

- The lubrication is sealed - stopping it from drying out - improving runflat performance.
- It is permanently attached to the runflat so it is impossible to forget to install it.
- It is equally spaced around the runflat which prevents any balancing issues.
- It gets rid of the mess and activates only when needed.

Requires no special tools.
Installed in minutes...

See our range of runflat systems...



Tyron Multi Band - the low cost short distance runflat system. Approved by NATO and used by the MOD.



Tyron R4 - Double beadlock wheel and runflat system for 4 x 4 and armoured vehicles.



Tyron R6 - 16" tubeless split-rim steel wheel and runflat system for buses and cash-carrying vehicles.



Tyron R7 - Bolt together wheel with two-piece rubber runflat

IDEX 2017

INTERNATIONAL DEFENCE EXHIBITION & CONFERENCE

The world's leading joint defence exhibition returns to Abu Dhabi in February 2017, attracting more than 1,200 exhibitors and 101,000 local, regional and international trade visitors and officials.

VISITORS REGISTRATION IS NOW OPEN!

Don't miss the opportunity to meet with the top and local international manufacturers and suppliers of the latest equipment, technology, systems and crafts in the defence industry.

To register at IDEX 2017, please visit www.idexuae.ae

To book an exhibition stand or outdoor space, please email shahla.karim@adnec.ae



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19-23 FEBRUARY 2017

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