

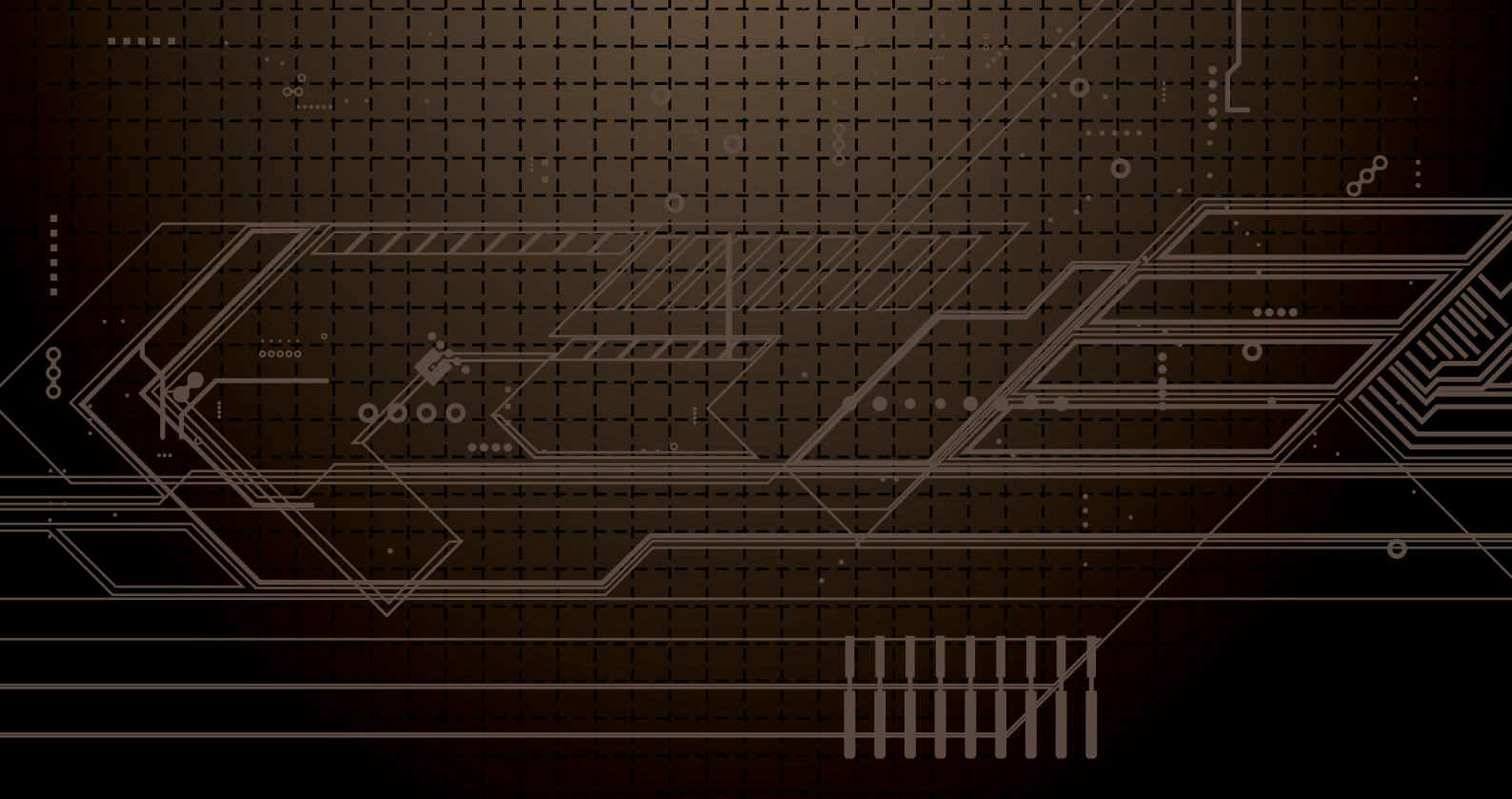
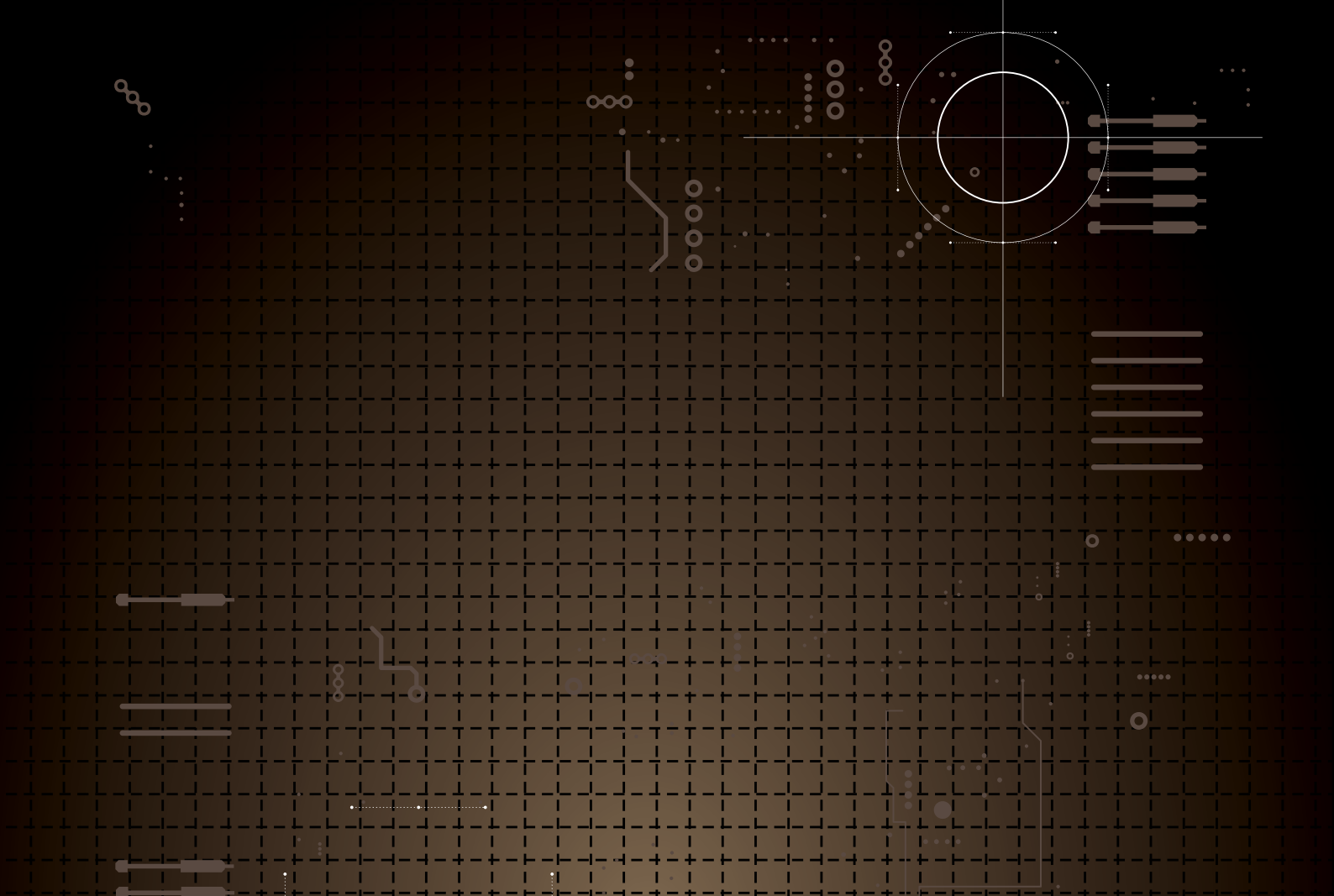
SOUTH AFRICAN NATIONAL PAVILION



**AEROSPACE AND DEFENCE
TECHNOLOGIES THROUGH INSPIRATION**

DSEI 2017

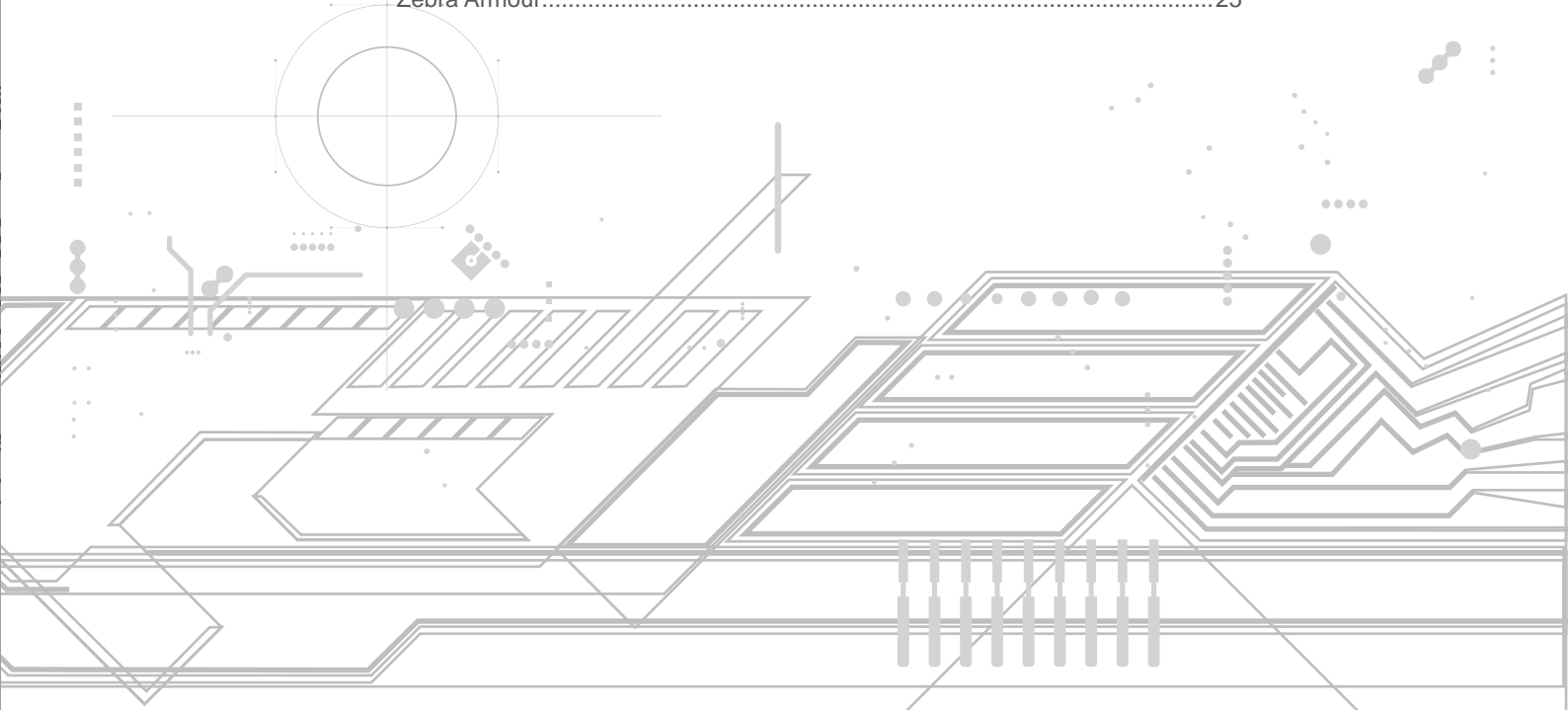






Contents

Alaris Antennas (Pty) Ltd.....	6
Arm Scor Soc Ltd	7
Cliff's Way Aerospace (Pty) Ltd	8
DCD Defence	9
Floida Engineering Services	10
Gelvenor Textiles.....	11
Imperial Armour CC	12
Megaray.....	13
Milkor.....	14
Parsec	15
PJ Aviation	16
Rapid Mobile	17
Reutech.....	18
Rippel Effect Systems	19
Shrike Marine	20
South African Aerospace Maritime Defence Industries Association (AMD).....	21
STEPAHEAD MANUFACTURING.....	22
Truvelo Armoury Division	23
Weatherhaven RCS.....	24
Zebra Armour.....	25



SOUTH AFRICAN DEFENCE INDUSTRY PROFILE

The South African Defence Industry (SADI) comprises companies in the public and private sectors, which provide products and services to security forces, thus forming one of the key strategic industrial sectors of the South African economy.

Over the last few years, the profile of the industry has evolved and today the SADI is a non-aligned world-class industry that supplies equipment and services to the global original equipment manufacturers (OEMs) in the aerospace, maritime and landward environments. Characterised by engineering ingenuity, technological innovativeness, affordability, reliability and cost effectiveness, the SADI is a partner of choice for many who seek state of the art defence equipment, including multilateral organisations that are involved in peacekeeping operations, as well as countries seeking to equip their defence establishments.

Though smaller in size than the defence industries of competing countries, the SADI's capabilities range from systems engineering and integration, to the design, development, manufacture and maintenance of complex systems and their related electronics.

While it is necessary for the SADI to retain core competencies, capacities, capabilities and technologies domestically, exports are equally important for the long-term survival of the industry, hence the increased international market penetration, to become a global player. Accordingly, international joint ventures, equity partnerships and strategic alliances have been established with defence-related companies in more than twenty countries, with the SADI exporting approximately more than 60% of its products to clients in all continents.





COMPANY PROFILES



Alaris Antennas (Pty) Ltd

CONTACT PERSON At the show: Chicot van Niekerk, Head of Business Development Europe and Asia (Chicot.vanniekerk@alaris.co.za)
In South Africa: Hayley Howell-Wood, Marketing Assistant (marketing@alaris.co.za)

POSTAL ADDRESS Private Bag X4, The Reeds, Pretoria, 0061, South Africa

TELEPHONE +27 11 034 5300

E-MAIL marketing@alaris.co.za / chicot.vanniekerk@alaris.co.za

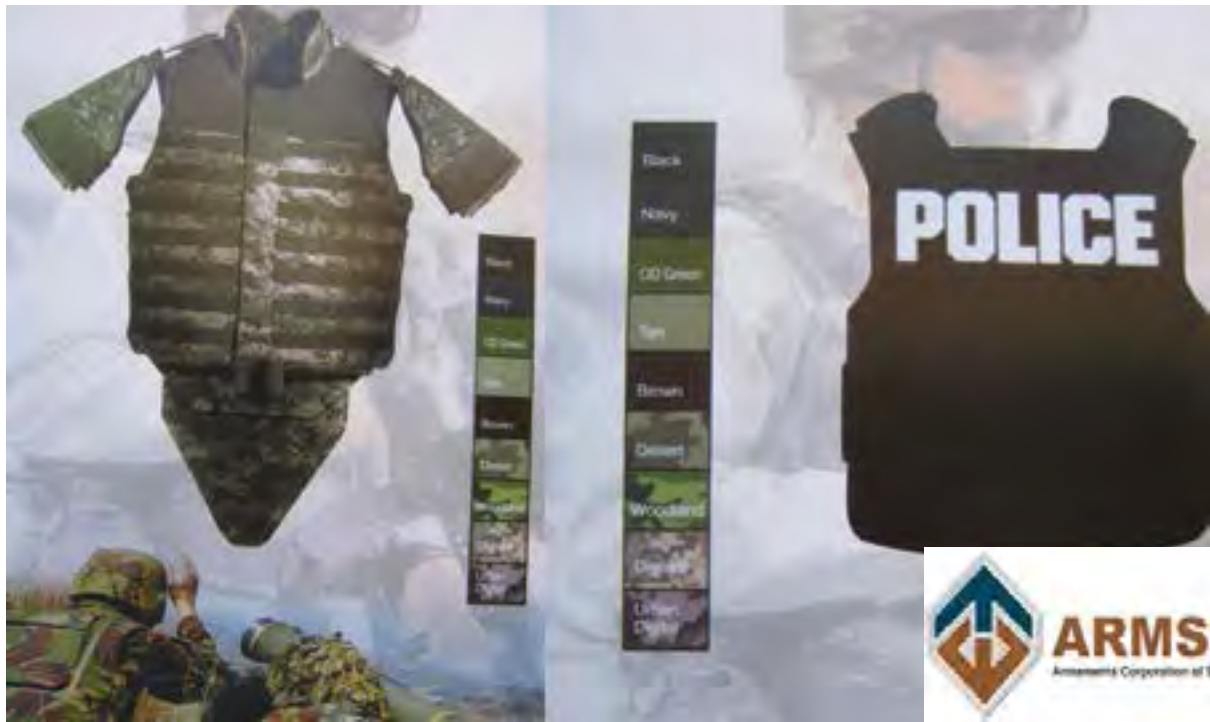
WEBSITE www.alarisantennas.com

MAIN PRODUCTS Antennas and antenna systems

QUALITY SYSTEMS ISO 9001:2008

DESIRED CO-OPERATION AT THE SHOW: Networking

BRIEF HISTORY OF COMPANY Alaris Antennas is a substantial supplier of advanced Electronic Warfare (EW) antennas. The holding company, Alaris Holdings (Pty) Ltd is listed on the Johannesburg Stock Exchange's AltX. Alaris Antennas started as a small consultancy at the University of the Witwatersrand in Johannesburg, South Africa, offering antenna and radio frequency (RF) design consulting and antenna placement studies. The company quickly grew into an organisation that designs, develops and manufactures its own world-class custom antenna solutions.



Arm Scor Soc Ltd

CONTACT PERSONS Shane George, Acting Executive Manager

POSTAL ADDRESS 370 Nossob Street, Erasmuskloof x4, Pretoria, Gauteng, South Africa 0181

TELEPHONE +27 12 428 3433

FAX: +27 12 428 2045

E-MAIL shaneg@armscor.co.za

WEBSITE www.armscor.co.za

MAIN PRODUCTS Acquisition and research and development expertise and capabilities, test facilities

QUALITY SYSTEMS ISO 9001

REASONS FOR PARTICIPATION Establish contacts with potential clients; meet with counterparts; government-to-government discussions.

BRIEF HISTORY OF COMPANY Arm Scor is an acquisition agency for the South African Department of Defence and other organs of state. Arm Scor is renowned for its acquisition expertise in providing defence turnkey solutions, which encompasses technology and product development and support, product upgrading and disposal of equipment. Its research and development focuses on cutting-edge technology and Arm Scor is committed to driving creativity and innovation in collaboration with strategic partners.



Cliff's Way Aerospace (Pty) Ltd

CONTACT PERSONS	Agmat Ally, Managing Director Chynell Klopper, Marketing Support Coordinator
POSTAL ADDRESS	P.O. Box 1405, Bedfordview, 2008
TELEPHONE	+27 11 824 1784
FAX	+27 11 824 1406
E-MAIL	agmat@cliffsway.com / chynell@cliffsway.com
WEBSITE	www.cliffsway.com
MAIN PRODUCTS	Precision-machined components and sub-components for the aerospace and defence industries from ferrous and non-ferrous materials using customer models and/or drawings.
QUALITY SYSTEMS	AS 9100 C (bureau veritas)
REASONS FOR PARTICIPATION	Offset and localisation opportunities, partnership and sub-contracting
BRIEF HISTORY OF COMPANY	Cliff's Way Aerospace was established in 2013 as the empowerment wing of Cliff's Way Engineering and has become an internationally recognised technology advanced sub-contractor dedicated to and specialising in complex precision-machining of structural aircraft components and sub-components produced from ferrous and non-ferrous materials.



DCD Defence

CONTACT PERSON Mr Cornelius Grundling, General Manager

POSTAL ADDRESS P.O. Box 1365, Boksburg, South Africa

TELEPHONE +27 83 680 3650

E-MAIL Cornelius@dcd.co.za

WEBSITE www.dcd.co.za

MAIN PRODUCTS Springbuck APC, Husky VMMD, route clearance package

QUALITY SYSTEMS SABS ISO 9001:2008; BS EN ISO 14001:2004; registered Gauteng provincial government: manufacturer and builder certificate; registered SA Council for the Non-Proliferation of Weapons of Mass Destruction; Armscor secret facility security clearance; member of the SA Aerospace, Maritime and Defence Association

REASONS FOR PARTICIPATION Market and promote products and capabilities, establish new relations and seek opportunities to enlarge footprint

BRIEF HISTORY OF COMPANY DCD Protected Mobility is a division of DCD Group, established in 1911 and one of the oldest engineering companies in South Africa. It is a global leader in the design, manufacture, integration and support of special-purpose tactical wheeled vehicles (TWV), delivering innovative and sustainable solutions. Its success is based on technical expertise and a track record for excellent quality, cost and schedule compliance. DCD vehicles are deployed in 14 countries on five continents, with the US Army its biggest customer. DCD is a world leader in route clearance space, assuring mobility of forces and civilians on the modern battlefield and post-conflict situations.



Floida Engineering Services

CONTACT PERSONS	At the show: Florence Musengi, CEO In SA: Lerato Ditshego, Admin Manager
POSTAL ADDRESS	Box 3795, The Reeds, Centurion, Gauteng,0158
TELEPHONE:	Office: +27 12 880 1866 Florence cell: +27 60 980 1526
E-MAIL	leratod@floida.co.za / florencem@floida.co.za
WEBSITE	www.floida.co.za
MAIN PRODUCTS	Brochures and pamphlets about Floida
REASONS FOR PARTICIPATION	Exhibition and conferences

BRIEF HISTORY OF COMPANY Floida Engineering Services is a multi-disciplinary engineering services company geared towards the provision of innovative solutions for the aerospace and defence industries, as well as cutting-edge radar and sensor technologies for use in electronic warfare and security. Defence communications are researched and developed in South Africa by Floida and marketed throughout the world. Harnessing youth, ingenuity and experience, Floida recognises, develops and packages turnkey solutions for the challenges faced by security forces daily.



Gelvenor Textiles

CONTACT PERSON	Derek Yegambaram, Sales Africa Ansie Fox, Sales Protective, GP Dicky Coetzee, CEO
POSTAL ADDRESS	P.O. Box 656, Durban, 4000, South Africa
TELEPHONE	+27 31 736 8000
FAX	+27 86 669 6927
E-MAIL	dereky@gelvenor.co.za
WEBSITE	www.gelvenor.com
MAIN PRODUCTS	Aeronautical, protective and technical work-wear, industrial, outdoor and apparel fabrics
QUALITY SYSTEMS	ISO9001, ISO14001, TS16949
REASONS FOR PARTICIPATION	Showcase protective and military fabric range
BRIEF HISTORY OF COMPANY	Gelvenor Textiles has more than 50 years of experience in the textile arena, specialising in technical, innovative high-quality fabrics. Its products include a variety of aeronautical, industrial and protective work-wear, as well as outdoor and technical apparel fabrics and are tried and independently tested.



Imperial Armour CC

CONTACT PERSON Louisa Garland-Els, Managing Director

POSTAL ADDRESS P.O. Box 29231, Maytime, KwaZulu-Natal, 3624

TELEPHONE +27 31 700 2650

FAX +27 31 700 2674

E-MAIL louisagarlandels@imperial-armour.com

WEBSITE www.imperial-armour.com

MAIN PRODUCTS Bulletproof vests, anti-riot equipment, demining suits, fire suits, emergency rescue, marine vests, military vests and bags, plates, helmets

QUALITY SYSTEM ISO 9001:2008

DESIRED CO-OPERATION To meet existing clients and establish new agents

BRIEF HISTORY OF COMPANY Imperial Armour is an established leader in the manufacturing of personal protection equipment and based in Durban, South Africa, where all products are manufactured to the highest of standards. Imperial Armour specialises in both hard and soft protective armour, equipment and accessories for sectors including police and security, anti-riot, VIP, military/armed forces, marines, demining, fire, and emergency and rescue. Its core focus is to remain innovative in the manufacture of new and exciting products for world markets. The company is expanding further into global markets and opened offices in Dubai, which brought in its largest order to date from armed forces. Imperial Armour continuously works on in-house research and development and international testing.



Megaray

CONTACT PERSONS At the show: Leonard Friedland and Jonathan Friedland
In SA: Karin Steenekamp and Irene Bussey

POSTAL ADDRESS P.O. Box 78800, Sandton, 2196

TELEPHONE +27 11 326 1167

FAX +27 11 326 1165

E-MAIL len.friedland@megaray.com / admin@megaray.com

WEBSITE www.megaray.com

MAIN PRODUCTS High-intensity searchlights – MR175; MR2175/2300 and MR3400

REASONS FOR PARTICIPATION Marketing

BRIEF HISTORY OF COMPANY Megaray manufactures high-intensity searchlights for detection and deterrence in military and law enforcement applications. Its searchlights operate in both visible and infrared (to enhance night-vision systems), and are used on tanks, weapons systems and marine vessels as well as for border surveillance and patrol. The high-intensity of the beam, independently certified as best-in-class, can provide illumination in excess of three miles and is often used as a non-lethal weapon for crowd control. Megaray's products are US MIL-STD qualified and customers include the US military, Japanese navy and various NATO forces.



Milkor

CONTACT PERSONS	Mr Tarik Imre, Manager: New Business Development
POSTAL ADDRESS	P.O. Box 10666, Centurion, 0046
TELEPHONE	+27 82 387 4733
E-MAIL	tgimre@milkor.com
WEBSITE	www.milkor.com
MAIN PRODUCTS	40mm Supersix MRGL; 40mm Mk-1L; 40mm MAR; 40mm Stopper Convertible; 40mm UBGL
QUALITY SYSTEMS	ISO 9001:2008
REASONS FOR PARTICIPATION	Exhibition, marketing the brand
BRIEF HISTORY OF COMPANY	Milkor is the original equipment manufacturer of the internationally known 40mm Multiple Grenade Launcher, which was developed specifically for the defence industry, as well as the 37/38mm multiple- and single-shot grenade launchers designed for safety and security. Milkor recently MILKOR started developing armoured vehicles and will be showcasing its first model, Milkor 4x4, at DSEI 2017.



parsec
technology partner • infinite possibilities

Parsec

CONTACT PERSONS Ian Esterhuizen, Business Development Manager
Piet du Toit, System Engineer

POSTAL ADDRESS P.O. Box 67499, Highveld 0169

TELEPHONE +27 12 678 0856

FAX +27 12 345 2561

E-MAIL info@parsec.co.za

WEBSITE www.parsec.co.za

MAIN PRODUCTS Cyber security

QUALITY SYSTEMS ISO9001 and IPC

REASONS FOR PARTICIPATION Marketing of capabilities and products

BRIEF HISTORY OF COMPANY Parsec, an original design manufacturer, operates in the defence and aerospace, cyber security, mining and industrial sectors. The company specialises in the design, development, manufacturing, integration and support of advanced technology systems and products for these sectors. Parsec is a subsidiary of AltX-listed Ansys Limited.



PJ Aviation

CONTACT PERSONS Peter How, Owner

POSTAL ADDRESS P.O. Box 41, Gariiep Dam, 9922, South Africa

TELEPHONE +27 71 657 4424

E-MAIL peter@pjaviation.co.za

WEBSITE www.pjaviation.co.za

MAIN PRODUCTS Portable VHF air band transceiver, vehicle intercoms and headsets, runway lighting controller

REASONS FOR PARTICIPATION Product launch of new vehicle intercom system; looking for dealers, resellers and integrators

BRIEF HISTORY OF COMPANY The company was established 24 years ago near Johannesburg, but is now located in central South Africa. Its portable VHF aviation band transceiver was developed for tough African conditions and is now used in 12 countries. Initially, the company only supplied active headsets for heavy vehicle intercoms, but is now launching a brand new South-African-manufactured intercom designed to meet simple three-radio four-crew installations.



Rapid Mobile

CONTACT PERSON Stephan Isebeck, CEO
 Jaco Boshoff, Systems Engineer
 Dr Danie van Wyk, CTO
 Christo Coetzee, Senior DSP Specialist

POSTAL ADDRESS P.O. Box 121, Persequor Park, Pretoria, Gauteng, 0020

TELEPHONE + 27 12 349 0000

FAX + 27 12 349 0010

E-MAIL ingejvv@rapidm.com

WEBSITE www.rapidm.com

MAIN PRODUCTS Data modem products and ancillary radio

REASONS FOR PARTICIPATION Agents, distributors, joint ventures

BRIEF HISTORY OF COMPANY RapidM was established in July 2001 and is a global leader in modem technology for HF and VHF radio communications serving the military, naval and government markets. RapidM's modems facilitate legacy analogue radios becoming part of a secure digital communications network for the transmission of data including email. RapidM provides embedded modems for many of the major global radio manufacturers and a range of specialist, high-performance modems and tactical data terminals conforming to military standards (including MIL-STD-188-110B, STANAG 4539 [2G], STANAG 4538 [3G])



Reutech

CONTACT PERSON Thabisa Mgwebi, Stakeholder Relations Executive
Monique Lenhoff, Communications Manager

POSTAL ADDRESS Box 35, Halfway House 1685, South Africa

TELEPHONE +27 21 880 1150

FAX +27 21 880 1842

E-MAIL moniquel@reutech.co.za

WEBSITE www.reutech.co.za

MAIN PRODUCTS Radar systems, electronic fuses, air weapons, remote control weapon stations, military logistics engineering and support services, tactical radio communications systems

QUALITY SYSTEMS ISO 9001: 2008; ISO 14001; OHSAS 18001:2007

REASONS FOR PARTICIPATION Users of systems and subsystems in the technology field; contacts with vehicle manufacturers, shipyards, combat system integrators and homeland security agencies as well as potential subcontractor suppliers

BRIEF HISTORY OF COMPANY Reutech is a Reunert Limited subsidiary and a truly South African technology group supplying domestic and export customers with advanced Original Equipment Manufacturer products and services in the land, sea and aerospace domains. Its products are incorporated into world-class systems. They include radar systems, electronic fuses, air weapons, remote control weapon stations, military logistics engineering and support services, and tactical radio communications systems.



Rippel Effect Systems

CONTACT PERSON Dawid Fourie, Marketing Executive

POSTAL ADDRESS P.O. Box 12434, Hatfield, Pretoria, 0028

TELEPHONE +27 12 803 4346

FAX +27 12 809 1876

E-MAIL dawid@rippeffect.co.za

WEBSITE www.rippeffect.com

MAIN PRODUCTS XRGL40 Extended Range Multi-Shot Grenade Launcher, GR40 Multi Velocity Sighting Systems, RLL40 Less Lethal Launcher and Double Mount for the XRGL40

QUALITY SYSTEMS ISO 9001: 2015

REASONS FOR PARTICIPATION Exports, distributors and agents

BRIEF HISTORY OF COMPANY Rippel Effect is a South African original equipment manufacturer that was established in 1995 and has delivered advanced weapon systems to more than 24 countries. The XRGL40® extended range 40mm multi-shot grenade launcher is a multi-role weapon system that combines a modern weapon weighing 5kg with the GR40® smart multi-velocity sight, enabling the operator to engage a variety of targets in different operational theatres at ranges up to 800m. The GR40® programmable sight allows the soldier to fire 40mm ammunition with different ballistic profiles from the same weapon, i.e. both 40x46mm low and 40x51mm medium velocity grenades, as well as the latest less lethal rounds.



Shrike Marine

CONTACT PERSON Rhi Guthrie, Business Development Director

POSTAL ADDRESS Unit 503 Tollgate Industrial Centre, 12 Ravenscraig Road, Woodstock, Cape Town

TELEPHONE +27 21 447 6877

E-MAIL sales@shrikemarine.com

WEBSITE www.shrikemarine.co.za

MAIN PRODUCTS Vehicle Electronic Power Management System

QUALITY SYSTEMS ISO9001

REASONS FOR PARTICIPATION Promote latest products and technologies

BRIEF HISTORY OF COMPANY Shrike Marine provides electronic hardware solutions and has expanded rapidly in areas of high-frequency RF, and power supply and power distribution primarily for military use. Shrike Marine also manufactures high-quality handmade internal and external cable harnessing assemblies to mil specs for use in aviation, defence, UAV and vehicle systems. The company offers product and system design, equipment and component procurement, integrating and testing sub-systems, and training and maintenance support.



South African Aerospace Maritime Defence Industries Association (AMD)

- CONTACT PERSONS** At the show: Michelle Nxumalo, Marketing and Research Manager, and Simphiwe Hamilton, Executive Director
In SA: Magda Cloete, Admin Officer
- POSTAL ADDRESS** Postnet Suite no 1147, Private Bag X10, Elarduspark, 0047
- TELEPHONE** +27 12 752 5880
- FAX** +27 86 247 4585
- E-MAIL** michellen@amd.org.za / info@amd.org.za
- WEBSITE** www.amd.org.za
- MAIN PRODUCTS** Association of Aerospace and Defence OEMs and suppliers
- DESIRED CO-OPERATION** Similar industry association and companies that could be interested in doing business with the South African defence industry
- BRIEF HISTORY OF COMPANY** AMD was established 25 years ago with the primary objective of representing the industry in matters of mutual interest and the promotion of a profitable, sustainable and responsible South African defence industry. It comprises a cluster of leading companies in the South African private and public sector that are engaged in industrial and trade processes of defence material, products and services.



STEPAHEAD MANUFACTURING

CONTACT PERSON	Maureen Simoes, CEO
POSTAL ADDRESS	P.O. Box 58884, Karenpark, Pretoria 0118
TELEPHONE	+27 12 541 0604
FAX	+27 12 541 0144
E-MAIL	maureens@stepaheadwear.co.za
WEBSITE	www.stepaheadwear.co.za
MAIN PRODUCTS	Service and ceremonial peak caps, berets, garrison caps, bush caps and bush hats, gorget patches, graduation caps, hand-embroidered items such as peaks and badges, epaulettes, webbing bags and webbing accessories, webbing belts, helmet covers, flightsuits, clothing items, badges
QUALITY SYSTEMS	SABS capability
DESIRED CO-OPERATION AT THE SHOW	Exports, marketing, product exposure, outward investment, distributors and agents
BRIEF HISTORY OF COMPANY	Stepahead Manufacturing is a world-class manufacturer of military headwear, uniform and uniform accoutrements for military, security and armed forces around the world. Its products include service and ceremonial peak caps, military caps and berets, garrison caps, bush caps and bush hats, gorget patches, graduation caps, hand-embroidered peaks, hand-embroidered badges and rank insignia, epaulettes, webbing bags and webbing accessories, webbing belts, helmet covers and other textile products such as flightsuits and clothing items. Stepahead is situated in Rosslyn, Pretoria, and is renowned for supplying only the finest quality products.



SR 20x82mm



SR 20x110mm



CMS 6.5x47 Lapua



CMS 20x42mm



Truvelo Armoury Division

CONTACT PERSON At the show: Karin Gebert, Operations Director
In SA: Lizzy Matlala, Compliance and Administration Officer

POSTAL ADDRESS P.O. Box 14189, Lyttelton, 0140

TELEPHONE +27 83 229 9535 / +27 11 314 1406/8

FAX +27 11 314 1413

E-MAIL compliance@truvelo.co.za

WEBSITE www.truvelo.co.za

MAIN PRODUCTS High-precision long-range rifles

QUALITY SYSTEMS Final Acceptance Test Form

REASONS FOR PARTICIPATION Looking for prospective sales and possible agents

BRIEF HISTORY OF COMPANY Since Truvelo Armoury entered into the firearms market the company has established an unmatched name in the manufacture of barrels and highly accurate rifles for long-range shooting. The Truvelo Counter Measure Sniper series allows for easy manoeuvrability, is compact and lightweight. Available calibres: 6,5 x 47 Lapua, 7,62x51, .338 Lapua, 12,7x99, 14,5x114mm, 20x42mm, 20x82mm, 20x110mm.



Weatherhaven RCS

CONTACT PERSONS Mrs Karen Coetzer, Marketing Manager

POSTAL ADDRESS P.O. Box 9359, Centurion, 0046

TELEPHONE +27 12 671 1010

FAX +27 12 671 1438

E-MAIL info@rcssa.com

WEBSITE www.rcssa.com

MAIN PRODUCTS Integrated turnkey camp solutions suitable for the military and mining (flycamps to workforce camps); sleeping bags, stretchers, tents, and chairs for weekend campers to integrated luxury camps

QUALITY SYSTEMS ISO 9001:2008

DESIRED CO-OPERATION Establish new business through sales of products, distributors

BRIEF HISTORY OF COMPANY Weatherhaven RCS (Pty) Ltd is a proudly South African company established as part of a strategic partnership between Weatherhaven, Canada, and Canvas and Tent Manufacturing (Pty) Ltd in South Africa in 2002. Weatherhaven RCS provides re-deployable camp products and services to satisfied clients all over the globe. It meets and exceeds tolerance levels prescribed for military applications and sets new standards in the quality of world-class tent manufacturing. Weatherhaven RCS can offer a full turnkey re-deployable camp system service that include design, system integration (kitchens, dining facilities, ablutions etc), camp deployment, operation, management and maintenance suitable for the mining and military sectors.



Zebra Armour

CONTACT PERSONS Sonja Morphis, Chief Financial Officer

POSTAL ADDRESS P.O. Box 675, Gillits, 3603

TELEPHONE +27 31 700 8077

FAX +27 31 700 8052

E-MAIL sonja@morphis.com

WEBSITE www.zebra armour.com

MAIN PRODUCTS Body armour: ballistic vest, helmets, plates, shields

QUALITY SYSTEMS ISO 900:2008

REASONS FOR PARTICIPATION To market the company products internationally

BRIEF HISTORY OF COMPANY Zebra Armour manufactures ballistic helmets, vests, plates and shields. The company has 20 years' experience in the manufacture of high-performance, high-quality products for leading body armour companies in Europe, the United States and the Middle East. Its modern plant is driven by a highly qualified research team. The company has its own laboratory and testing range for the development of world-class products.

CONTACT DETAILS

The Department of Trade and Industry
Customer Contact Centre
Local: 086 1 843 384
International: +27 12 394 9500

the dti Campus
77 Meintjies Street
Sunnyside
Pretoria, Gauteng
0002

