Quote of the month

"An idea can turn to dust or magic, depending on the talent that rubs against it."

- Bill Bernbach

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AIDN NATIONAL MEETING

The next AIDN National Meeting is being held in Darwin on Thursday 16 October.
LAND FORCES 2014

AIDN has an SME precinct, with 13 members exhibiting, at Land Forces in the Australian Small Business Zone. Please drop by and say hello to either Sue Smith, AIDN Exec Officer or Kev Carroll, AIDN-Qld Exec Officer and fellow members. Also if there is any way in which we can assist you during the exhibition please don’t hesitate to ask.

AIDN-ACT MEMBERS’ NEWS

XTEK DELIVERS AUSTRALASIAN FIRST FOR FORENSICS CONSUMABLES

XTEK Limited and SceneSafe are set to revolutionise the Australasian forensic consumables industry, offering clients an extensive range of products available from a single supplier with delivery in as little as 24 – 48 hours, saving customers such as police, defence, airports and laboratories current administrative and wait times.

Providing immediate access to reliable forensic consumable products is particularly valuable for customers given the increasingly rigorous procedures being imposed on technical personnel, especially concerning minimising contamination of evidence.

XTEK’s alliance with SceneSafe, a leading UK based private supplier of forensic equipment, will give Australasian customers access to products manufactured in world-leading Class 5 & 6 accredited clean rooms and laboratories. An ISO 9001 quality accredited company, they are a principal source of supply for forensic evidence recovery kits in Europe and around the world.

Mike Hopson, Managing Director of SceneSafe states: “This partnership will undoubtedly be of huge benefit as we look to export our long established and successful business model into Australia. It is clear that there is a significant requirement for a “Just in Time” service delivery and we are delighted to partner with XTEK to promote the SceneSafe brand. Key to this will be the availability of mission critical consumable products, routinely within 24-48 hours, which are both fit for purpose and available to the end user from one single source”.

XTEK’s Forensics Sales Manager, Scott White adds: “XTEK is delighted to be entering into such a key regional partnership with SceneSafe products. As one of the foremost forensics consumables suppliers in the world, SceneSafe brings a wealth of forensics knowledge and experience to the Australasian market. This understanding of forensics consumables, combined with XTEK’s extensive experience supplying superior forensic equipment to the Australian and New Zealand law enforcement communities, will create a formidable alliance capable of providing our forensics clients with the first-class levels of support they deserve”.

Approximately 40 of the most popular forensics consumable products will be made available, and the range will grow over time.

AIDN-New South Wales

MESSAGE FROM THE PRESIDENT

Hello from the NSW chapter,

More progress has been made on our project to improve our engagement with prime contractors as we see this having major potential business opportunities for the membership. Nick Mondou of duMonde made a useful contribution to it while presenting on it at our August breakfast at Thales.

Our 20th Anniversary Dinner is expected to be a great event, with an impressive level of speakers and representatives from Defence, NSW Government and Industry. Attendance is expected to be more than 120 people.

Regards,
Medhat Wassef
NSW President

20th ANNIVERSARY DINNER – 18th SEPTEMBER
Final preparations are being made with some 120 already indicating attendance. Last chance if you have not RSVPed

**OCTOBER BREAKFAST**

An announcement will be made following the dinner so stay tuned.

**2014 NSW YAA**

All 7 shortlisted applicants have been invited with a guest to the Dinner where the winner and runners-up will be announced.

**AIDN NSW LINKEDIN GROUP**

Join the group and see the latest topics at: [http://www.linkedin.com/groupAnswers?viewQuestionAndAnswers=&discussionID=219625553&gid=4706367&trk=eml-anet_dig-b_nd-pst_ttle-cn&ut=0lggA_g29EFIE1](http://www.linkedin.com/groupAnswers?viewQuestionAndAnswers=&discussionID=219625553&gid=4706367&trk=eml-anet_dig-b_nd-pst_ttle-cn&ut=0lggA_g29EFIE1)

**EXECUTIVE COMMITTEE MEETINGS**

Your committee met on 28th August: Major outcomes were

- Progress on the Audit for 2012
- Imminent completion of the project for online payments of fees and for functions
- Progress on the project to engage with primes, and
- Dinner planning.

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**Requirements Analysis & Specification Writing**

Requirements analysis and specification writing are sciences practiced by many, mastered by surprisingly few. And yet, the pay-off from achieving excellence in these areas is large.

The two aspects, Requirements Analysis and Specification Writing, are treated as separate but related topics, each in a course of three and two days duration.

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**Upcoming Courses**

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<td>November 17 - 21, 2014</td>
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Contact PPI today for more information or registration: [www.ppi-int.com](http://www.ppi-int.com)

p: 03 9876 7345
f: 03 9876 2664
e: contact@ppi-int.com
The following new member joined AIDN-NSW. They are:

**Ron Allum Deepsea**

The principal of Ron Allum Deepsea, Ron Allum, is already known to some of you as the man who co-designed, built and piloted the submersible Deepsea Challenger which James Cameron took to the bottom of the Mariana Trench in 2012. Following the dive Ron established Ron Allum Deepsea Systems to market Isofloat, the structural syntactic foam he invented to provide the submersible’s chassis and floatation. Australia’s Department of Defence was one of the first to explore Isofloat’s defence applications. Since that time other defence and exploration entities have followed suit.

“The beauty of the product, Isofloat®, is it is homogenous with greater tensile strength that allow large or small complex shapes to be created that do not distort or crack under extreme hydrostatic pressure. Assemblies such as an entire vehicle chassis can be made and thruster blocks, battery modules, and fairings can also be bolted to the chassis using special fasteners,” said Ron.

In 2013 Ron established a sister company to develop new technology and provide tailored testing and R&D services for defence, exploration and science. In January this year Ron Allum Deepsea Services secured a contract with prestigious USA based Triton Submarines to provide consultancy on their full ocean depth glass submersible. The company has also secured contracts with Australian government and UK entities on projects from down-hole cameras through littoral zone semi-autonomous and autonomous underwater vehicles.

At the same time Ron is quietly developing a product range including underwater propulsion units, specialist electronics and battery packs, all of course rated to work at full ocean depth (current rating TRL6).

“As was highlighted by MH370, Australia is surrounded by some of the deepest, most inaccessible waters on the planet. To work effectively in these areas you need equipment that is specifically designed for the depth and purpose. That is what we do and what we do well,” said Ron.

Contact: Ron Allum Deepsea Systems / Ron Allum Deepsea Services Pty Ltd, Unit 2a, 1-7 Unwins Bridge Road, St Peters NSW 2044 [www.ronallum.com](http://www.ronallum.com) Tel: (+61) 02 9519 0249

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**BAKER & PROVAN TO BUILD AUSTRALIA’S NEW SUPACATS IN $130M CONTRACT**
A St Marys engineering company has beaten global suppliers in Europe and the Middle East to become home to the assembly line of Australia’s newest special-forces vehicles.

Baker and Provan, which is based in the Dunheved Industrial Estate, is set to build components and assemble 89 Supacat Specialist Operations Vehicles - Commandos.

The new vehicles are based on Supacat’s High Mobility Transporter Extenda, which can be configured as a 4x4 or 6x6 and weighs up to a whopping 10.5 tonnes.

The Supacats will be used by the Australian Defence Force’s special operations unit, used in combat to protect soldiers while driving across battlezones, including near improvised explosive devices and other rocket-propelled grenades.

The Supacat has an optional mine blast and ballistic protection kit and can also be fitted with mission hampers, weapons, communications and force protection equipment to suit a wide range of operational roles.

Defence minister David Johnston today announced the contract, worth more than $130 million. The contract will create 150 new jobs, 55 of which will be based in St Marys.

“It is a very important and difficult task to keep our men safe when they’re driving around across improvised explosive devices and other rocket-propelled grenades,” Mr Johnston said.

He said the vehicles have “all the things we would want cutting-edge special forces to have when they’re in battle”.

He said acquiring the vehicles would enhance Australia’s Special Forces’ ability to maintain a capable edge over emerging threats to national interests.

“We need to meet that sort of kinetic force with a very superior and very well armoured but flexible, mobile and highly capable vehicle and that’s what we’ve got with Supacat,” he said.

Lindsay federal Liberal MP Fiona Scott was pleased $130 million was being invested in western Sydney.

She said it would provide new jobs to create some the “most state-of-the-art and impressive military technology” to Australia.

“These are specialist technical jobs as well so it just goes to show the innovation that is here in western Sydney,” Ms Scott said.

About 10 vehicles will be assembled a month with the first Supacat expected to roll out of production as soon as September 2015.

HAWKER PACIFIC HEMS DEVELOPED

Hawker Pacific, the Bell Helicopter dealer for Australasia, is now demonstrating an example of the Bell 429 fitted for Helicopter Emergency Medical Service missions (HEMS). The helicopter was first demonstrated in New Zealand with Australia to follow in late August and September. The twin P&W PW207D1 powered helicopter was jointly developed by Korea Aerospace and Bell Helicopter. A HEMS version was recently shown in Spain, Italy, France and Belgium.

UTi Worldwide Inc.

UTi is an industry-leading, non-asset-based supply chain management company that delivers competitive advantage to our clients' supply chains.

UTi has a global footprint of 313 offices and 245 logistics centers in 59 countries. With over $5billion in annual revenue and 19,000+ employees we are leading global supply chain provider.
Within UTi’s vertical driven business units our Aerospace and Defence Team is dedicated to overseeing the design, implementation and operation of complex and innovative supply chain solutions to deliver everything our clients need when and where they need it. Using UTi’s network of offices and our Regional Control Towers, we’re able to configure and control all your freight management, logistics, and distribution needs to meet your expectations.

Please contact Conor Hagan, Sales Executive, Phone: +61 7 32688699 chagan@go2uti.com

DEFENCE TEAMING CENTRE (DTC)

UPCOMING DTC NETWORKING EVENTS:

DTC Business Development Breakfasts
Tuesday 7 October, 4 November 2014
7.30am – 8.30am
Café Buongiorno 145 The Parade, Norwood DTC Members only

The DTC hosts a monthly Business Development Breakfast on the first Tuesday of each month. It offers an informal setting for the discussion of current defence industry business development news and provides members with the opportunity to network in an informal setting. For more details, or to sponsor a breakfast, contact Tracy Pierce on (08) 8260 8189.

SOUTH AUSTRALIAN EMPLOYERS OF RESERVES RECOGNISED

Five employers were recognised for their support of the Australian Defence Force (ADF) Reserves at the Employer Support Awards held at Adelaide Oval last night.

The event, organised by the South Australian Defence Reserves Support Council, recognised employers who have been particularly supportive of their Reservist employees.

Governor of South Australia His Excellency the Honourable Hieu Van Le AO presented the state award to BAE Systems Australia.

Deputy Head Cadet, Reserves and Employer Support Division, Commodore Bob Morrison offered his congratulations to all the award recipients.

“Our Reserve forces considerably enhance Defence capability,” Commodore Morrison said.

“Without the ongoing support of employers, such as those represented at these awards, it would not be possible for Reservists to successfully synchronise their civilian and Service roles.”
COBHAM SECURES CONTRACT EXTENSION AND INTRODUCES NEXT GENERATION CHARTER AIRCRAFT

Cobham Aviation Services has secured a contract extension with Chevron Australia Pty Ltd to continue providing flights between Perth and Barrow Island in support of Chevron’s operations and projects in Western Australia.

Under the contract, which includes an initial order of approximately £33 million / AUD $60 million, with an estimated full value in excess of £88 million / AU$160 million through to 2020, Cobham will introduce an Embraer 190, the first of its type to be engaged in the Australian closed charter aviation sector.

This modern 104-seat aircraft will increase fuel efficiency, reduce time spent in the air and provide a new level of passenger comfort with two-by-two passenger seat configuration.

“The introduction of the Embraer 190 aircraft sets a new benchmark for dedicated charter services in Australia and will see Cobham continue to support Chevron’s activities, including the Gorgon Project as it moves from construction to steady state operations,” said Peter Nottage, Sector President of Cobham Aviation Services.

Since 2010, Cobham has provided charter services to Barrow Island complying with all regulatory measures in place to protect Barrow Island and its surrounds.

NEW ORTHOTICS EQUIPMENT TO BENEFIT SOUTH AUSTRALIA

The Repat Foundation, unveiled its new, state-of-the-art $101,000 Orthema CAD/CAM 3D Foot Imaging equipment at Orthotics and Prosthetics SA (OPSA) at The Repatriation General Hospital (The Repat).

The equipment works by scanning clients’ feet in three dimensions and sending the digital surface information direct to an onsite milling station to fabricate a pair of orthotics within minutes – instead of the usual six hours!

“OPSA currently manufactures around 30 pairs of orthotics a month, so the new system will not only improve the patient experience, allowing clinicians to spend more time with them, but also dramatically increases the number of orthotics the OPSA team can produce,” said Sally Cavenett, State Manager of Orthotics.

“We will also use the system to manufacture orthotics for outreach clinics at Mt Gambier and the Lyell McEwan Hospital in Elizabeth, as well as across the SA Local Health Network sites and The Repat’s Podiatry unit.

“The system will play a key role in preventing hospital admissions and amputations for patients with ‘high-risk feet’ (typically as a result of Vascular Disease or Diabetes) and reducing the cost of orthotics for patients and hospital alike," Ms Cavenett added.

Dr Gill Hicks MBE, Ambassador of The Repat Foundation, London bombing survivor and double amputee, praised the work of The Repat Foundation in supporting OPSA, a place she visits regularly. “It is important we continue to find new and innovative ways to prevent amputation”, said Dr Hicks. “This equipment will make a difference in people’s lives across the State.
SA PROCESSING FACILITY: AS9100C AND BAE SYSTEMS UK ACCREDITED

The new AS9100C Quality Management System and BAE Systems UK certification affirm the high quality automated processing at the South Australia Processing Facility in Wingfield is an important development to Australia’s manufacturing industry by Rosebank Engineering.

AIDN-Victoria

EVENTS

3 October: VDA-Land Systems GD Land 400 briefing at MoTec, with General Dynamics LAV Demonstrator on display.

7 October: AIDN-Vic Defence Update & Golf Day, one of our major events for the year with great networking on the golf course. Speakers include Minister David Hodgett, MAGJEN Paul McLachlan, AIRCDRE Cath Roberts and Mike Kalms.

29 October: AIDN-Vic Breakfast hosted at AW Bell, come along to Dandenong South to see the capabilities of one of our members.

25 November: AIDN-Vic Special Awards Dinner our second major event for 2014.

To find out more about any of the above events please contact sue.smith@aidnvic.org.au

AIDN-Vic NEW MEMBERS

The following new members have joined AIDN-Vic:

CKI People Pty Ltd

CKI has a strong business offering across the following four capability areas:

1. Strategy and Business Performance. CKI provides strategic advice to businesses in the form of ICT Strategic Planning and ICT Strategy and process re-engineering.

2. Operational/Organisational Change. CKI is an industry leader in Organisational Change Management, Learning & Development (Instructional Design and facilitation) and Training services.

3. Program and Project Management Services. CKI provides Portfolio, Program and Project Management, Enterprise, Program and Project PMO, PPM Tool Implementation and Support, Project Management using PRINCE2, PMBOK and Agile, process improvement using SIXSIGMA, as well as ITIL Certification and Education.

4. Application Development and Maintenance. CKI provides application development and maintenance services across all major development platforms including .NET and Java.

5. Recruitment Services. CKI is a major recruiter for a number of commercial organisations in the insurance, higher education and defence services industries.

Please contact: Graham Wright, Senior Partner, Phone: +61 9935 2841, graham.wright@ckicorporation.com.au
Covertex Ltd

Trusted performance when it really matters. Operating for over 25 years Covertex is a world-leading producer of rapidly deployable structures and products.

Covertex solutions are used in conflict zones, disaster relief and emergency situations. Central to Covertex’s product performance is the connection between design, engineering and the end user, this along with commitment to quality has enabled the company to forge lasting relationships with military, government and emergency organisations.

Please contact: Matthew Bouzaid, General Manager, Phone: +64 9836 8255 mbouzaid@covertex.co.nz

Roaring Success

Roaring Success assists company directors & managers to accelerate business growth by optimising their strategy, marketing, innovation & performance.

Our ultimate aim is to help business leaders to accelerate growth and improve profitability. Our challenge is to find new ways to achieve these growth outcomes that have previously eluded our clients.

The proprietary models processes, tools & training we have developed create unique benefits for our clients & competitive advantage for our practise.

Our team of consultants have a wide range of qualifications, skills & experience; ensuring a perfect fit for every client’s needs.

Please contact: Chris Thomson, Director, Phone: 03 8640 9009; chris.thomson@roaringsuccess.com.au
MAJOR IMPROVEMENTS ANNOUNCED TO SOLDIER SURVIVABILITY EQUIPMENT BY ADA

More than 20,000 Australian Defence Force personnel are set to be issued with new and improved personal protective equipment, with the announcement today of a $170 million upgrade to the soldier’s kit.

Announcing the roll-out at the Australian Defence Force Academy, Defence Minister David Johnston said the multi-million dollar roll-out would significantly enhance the capability of ADF personnel deployed on military operations.

“Known as Land 125 Phase 3B, the Defence project to improve a soldier’s individual load carriage equipment, draws on the direct experience and feedback derived from 15 years of ADF combat operations,” Senator Johnston said.

“This (program) will increase soldier mobility and endurance through the acquisition of lighter and better integrated components and materiel,” he said.

“The protective equipment includes new-generation body armour, combat helmets, hearing protection, and ballistic glasses and goggles,” Senator Johnston said.

Accompanied by Industry Minister Ian Macfarlane, the Defence Minister made the announcement during a visit to ADFA where he inspected a range of armoured vehicles and cutting edge new military equipment including the Australian-made Hawkei Light Protected Vehicle (LPV).

Under the terms of a five-year contract, the first of the Land 125 Phase 3B contracts has been awarded to Bendigo-based Australian Defence Apparel (ADA) for the supply of load carriage equipment, including ballistic plate carriers, packs, basic pouches and equipment bags.

“ADA is an Australian company based in Bendigo, Victoria and is a successful long-term manufacturer for Defence, including the new Australian Multicam pattern combat uniforms,” the Defence Minister said.
“Support services, including ongoing design and development will be provided by ADA in Australia,” he added.

The first thousand sets of Load Carriage Equipment are expected to be delivered in May 2015 with packs and pouches to be supplied to more than 20,000 ADF personnel in a staged roll-out over the next several years.

**GOVERNMENT ANNOUNCES FIVE-YEAR PLAN TO EXTEND DOMESTIC MUNITIONS PRODUCTION**

Defence Minister David Johnston today said a five-year plan by the Abbott Government to maintain Mulwala and Benalla munitions plants will underpin about 550 jobs in rural Victoria and New South Wales.

Senator Johnston said the decision will allow negotiations to be finalised on a program worth more than $350 million, ensuring Australia will continue to have an Indigenous munitions industry.

Accompanied by the Federal Member for Farrer, Sussan Ley, the Defence Minister made the announcement on new Domestic Munitions Manufacturing Arrangements (DMMA) during a visit to meet workers at Mulwala.

“This is great news for the Mulwala workers and their colleagues down the road at Benalla,” Senator Johnston said.

“Entering into the new interim arrangements for continuing operations at Benalla and Mulwala means the facilities will be able to retain about 550 direct manufacturing jobs in regional Victoria and New South Wales.

“Maintaining a skilled and competent workforce has been a constant challenge for munitions manufacturing in Australia due to the relatively small munitions demand spread across a number of munitions types,” the Defence Minister said.

The new agreement means Thales, the operator of the Mulwala and Benalla plants, will be able to proceed with confidence in the production of world leading explosives technology.

“I understand from my briefing today with Thales that a high-grade propellant manufactured from this plant is used to fill Australian Defence Force (ADF) cartridges to achieve world class accuracy and lethality,” Senator Johnston said.

The announcement was also warmly welcomed by Ms Ley as a key measure that would help provide economic stability in regional economies.

“Obtaining some clarity on the future of the Mulwala and Benalla plants has been a critical priority for me since the Coalition was elected,” she said.

“It goes without saying, this is a vital decision which provides immediate certainty for hundreds of local workers, their families and our local economy.”

Thales Australia currently manufactures propellant and high explosives at Mulwala, NSW and munitions at Benalla, Victoria.

Benalla also manufactures small arms ammunition including 5.56mm, 7.62mm and 12.7mm (.50 calibre), and 20mm ammunition. Consideration is being given to extending production to 81mm mortar bombs and filling 155mm artillery projectiles.

**COCKRAM WIN MULTI-MILLION DOLLAR UPGRADE FOR DSTO**

The Australian Government is investing $41 million to upgrade facilities and research capabilities at the Defence Science and Technology Organisation site at Fishermans Bend in Melbourne.

Assistant Minister for Defence Stuart Robert today turned the first sod to mark the start of construction on DSTO’s Security and Facilities Upgrade Project. Cockram Constructions Pty Ltd has been appointed the Head Contractor for the project.

“Defence demand for scientific support has increased considerably in recent years and DSTO requires modern and expanded facilities to meet the challenges associated with developing new technologies,” Mr Robert said.

“This upgrade project will give DSTO access to state-of-the-art research facilities to support Defence and our national security agencies, particularly in countering chemical, biological and radiological threats.

“When the upgrade project is completed in 2016, DSTO scientists will have highly secure, purpose-built facilities to continue their cutting-edge research that will support Defence requirements.”

During his visit Mr Robert was briefed by the Steering Committee of Medical Countermeasures Products Australia, an industry-led initiative that aims to develop national capability and support the activities undertaken by the Departments of Defence and
Health as part of the Medical Countermeasures Consortium involving Australia, the USA, the United Kingdom and Canada. Through the consortium, Australia works with allies in the defence and public health sectors to manage the consequences of pandemics, emerging infectious diseases and incidents involving chemical, biological and radiological threats.

“The Government supports the Medical Countermeasures Products Australia initiative as it represents a partnership between the public and private sector to build an effective capability in medical countermeasures that will benefit both the civilian and military sectors,” Mr Robert said.

“DSTO will play an important role in this partnership and the upgraded facilities in Melbourne will be pivotal in achieving an enhanced protective capability against life-threatening diseases and toxic materials.”

CHANGE OF OWNERSHIP FOR MTU DETROIT DIESEL AUSTRALIA

MTU Detroit Diesel Australia will have a change in ownership. Penske Automotive Group, Inc. (PAG) has signed an agreement to acquire 100% of shares in MTU Detroit Diesel Australia from current shareholders Rolls Royce Power Systems AG and Daimler AG. The completion of the transaction is subject to normal closing deliveries and is expected to occur on 1st October 2014.

Under the terms of sale, all MTU Detroit Diesel Australia’s existing distributorship agreements have been renegotiated and extended to ensure continuity of the in-service support and supply for engine platforms and parts provisions, throughout the life of your platforms. Your staff and branch contact points with us will remain unchanged.

Penske Automotive Group is headquartered in Bloomfield Hills, Michigan, and is an international transportation services company. The company currently operates principally in the United States, Western Europe, Australia and New Zealand.

Penske Automotive Group, Inc. is a New York Stock Exchange listed company (NYSE:PAG) with 2013 revenues of USD$14.7 billion. PAG is also a member of the Fortune 500 and Russell 2000 and employs approximately 19,900 people worldwide.

The Penske organisation has had a long-standing relationship with our shareholders and was the majority owner and manager of Detroit Diesel Corporation from 1988 – 2001. MTU Detroit Diesel Australia was owned and managed by Penske-controlled Detroit Diesel Corporation during the period 1997 – 2001.

MEMKO GRANTED AS9100 CERTIFICATION

MEMKO has been granted AS9100 Rev C and ISO 9100:2008 certification for the quality management system standard to the Aviation, Aerospace and Defence industries by Lloyd’s Register Quality Assurance Ltd (LRQA). The certificate of approval was presented to Miro Miletic, Managing Director by LRQA Richard Smith, Assessor Manager in Melbourne.

The recognition follows 10 months of development and implementation and shows MEMKO’s commitment to ongoing business excellence and quality. Gaining this international standard in Aviation, Aerospace and Defence industries is a testimony to MEMKO’s commitment to business process excellence and strive for ongoing continuous improvement.

With only 42 companies in Australia currently holding the AS9100 certification, MEMKO continues its journey to remain on the forefront of the Aviation, Aerospace and Defence industry sectors.
Mr Miletic said, ‘we are delighted to have received this certification being a significant milestone for our organization, staff and more importantly our customers.’

INTEGRA FINALIST FOR PACE ZENITH AWARDS

The annual PACE Zenith Awards were established eleven years back by Process & Control Engineering (PACE) magazine to publicly recognise and reward companies as well as industry professionals who show leadership in engineering and technological excellence and innovation.

Integra is proud to have been a finalist for the ‘Project of the Year Award’ Category.

Integra was nominated for this award for its innovation in the creation and use of their in-house designed and built high speed coil punching line – the Punch-IT Coil Processing Line.

Integra’s in-house developed Coil Processing Line is a breakthrough in sheet metal processing. The Punch-IT 4 Station Coil Processing line allows us to remain highly competitive with component prices that can be processed using this machine.

A 5-axis system consisting of an electronic feed system and a series of 4 punching stations is suitable for most linear punching applications.

Punching at a rate of 120 strokes per minute, coil is consumed and converted to finished parts at a rate of approx 20 linear metres per minute, with a ± 0.02mm accuracy per feed – at least 6 times faster than a Turret Punch press.

The Punch-IT Coil Processing Line remains a key differentiator for Integra as it remains globally unique and is specifically developed for their own competitive production purposes.

IDES PARTNERS WITH HAACON TO DELIVER CUSTOMIZED LIFTING AND MOBILITY SOLUTIONS

Melbourne based Integrated Design and Engineering Solutions (IDES) is proud to announce that it has been appointed the Australian technical and sales partner for Haacon Lifting systems.

IDES will provide both standard and purpose engineered lifting, levelling and container mobility solutions as well as training and through life support of deployed systems.

The Lifting and levelling solutions can be easily integrated to existing equipment / modules / containers to provide enhanced stability and portability ensuring optimal utilisation of assets.
Haacon, Europe’s leading lifting & mobility solution providers, produces robust lifting & levelling systems that allow the independent movement of ISO containers / modules on and off trucks, aircraft or ships. Haacon’s systems can lift containers weighing up to 25 tonnes off vehicles, manually or using electrical power. Customised lifting solutions have been developed to lift military systems and payloads and also to support Roll-On Roll-Off (RO-RO) of containerised systems onto Aircraft and Ships.

Jacob Blitman, IDES General Manager noted “Haacon’s extensive range of solutions and can do engineering approach can be complemented in-country by IDES’ advanced engineering and technical support capabilities. This partnership strengthens IDES offerings that have included the engineering development and successful delivery of varied systems such as the Mobile Proof Gun Mount, the recent Line Laying Modules and our extensive vehicle integration capabilities”.

HELICOPTER SAFETY SYSTEM WINS DSTO EUREKA PRIZE

Technology to increase the chances of surviving helicopter accidents at sea has won the 2014 Defence Science and Technology Organisation (DSTO) Eureka Prize in support of Outstanding Science for Safeguarding Australia.

Assistant Minister for Defence, Stuart Robert, presented the award to Mr Tim Lyons of Western Australia-based company One Atmosphere as part of the 25th annual Australian Museum Eureka Prize ceremony.

“This unique emergency system, called Pegasus, has been specially designed to increase the chance for aircrew to escape safely during a helicopter crash into water by rapidly re-floating the helicopter,” Mr Robert said.

Attached to the helicopter, the Pegasus is a light-weight, bolt-on, bolt-off buoyancy system (like an air bag) that inflates automatically on impact and is capable of quickly retrieving an aircraft of up to 10 tonnes in weight from a depth of 10 metres and keeping it afloat for four hours.

“As Australia’s Landing Helicopter Dock ships are commissioned in the coming years the operation of helicopters in maritime environments will further increase. A capability that enables a helicopter to stay afloat after ditching at sea, such as the Pegasus system, is vital for the survival of the crew and its utility will only grow in the future,” Mr Robert said.

Emergency flotation systems are usually available as permanently mounted fixtures on medium and large helicopters like the Black Hawk and Chinook. However, these built-in units are heavy and affect the performance of the aircraft.

“I congratulate Mr Lyons and his company on developing a system that addresses Defence’s safety concerns but does so without compromising the performance of helicopter operations,” Mr Robert said.

The technology can also be utilised in the civilian environment for helicopters operated by emergency services, police, tourism and oil and gas exploration companies.
The Pegasus system was developed with funding from the Capability and Technology Demonstrator Program managed by the Defence Science and Technology Organisation.

With the successful demonstration of the technology, the Pegasus system is now being further developed for integration into the Army helicopter fleet and airworthiness certification.

DEFENCE INDUSTRY NEWS

BAE SYSTEMS SIGNS ADVANCED MANUFACTURING CONTRACT FOR THE GLOBAL F-35 LIGHTNING II PROGRAM

BAE Systems signed an agreement last Wednesday to provide advanced manufactured components for the F-35 program as part of a long-term arrangement with Northrop Grumman Corporation.

Under an agreement valued at approximately US $15 million that commences in 2015, the Company will manufacture around 1000 Audio Control Electronic (ACE) modules, a component for the F-35 aircraft’s Communication, Navigation and Identification (CNI) avionics suite, developed by Northrop Grumman. The agreement initially augments Northrop Grumman’s in-house manufacturing of the ACE module but provides potential to become the single-source supplier with increased delivery quantities until the year 2036.

David Allott, BAE Systems Australia Chief Executive, said: “BAE Systems will use the latest technology to support one of the world’s most advanced integrated avionics systems. Our Company will establish the only defence accredited parylene coating capability in Australia and apply advanced manufacturing techniques to produce high-end components for the digital battlespace.”

The 120-strong team at Edinburgh Parks will build and assemble parts, as well as integrate and test the electro-mechanical assemblies. The new parylene technology will use gas to uniformly apply a coating on the parts, which is done in a vacuum chamber, at room temperature. It is hoped that this capability will generate opportunities with other defence, medical and telecommunications companies.

Northrop Grumman’s integrated CNI system provides F-35 pilots with the capability of more than 27 avionics functions including voice and data communication. By using its industry-leading software-defined radio technology, the design allows the simultaneous operation of multiple critical functions while greatly reducing size, weight and power demands on the advanced fighter aircraft.

Under separate contracts, BAE Systems Australia manufactures F-35 vertical tail titanium parts for Victoria-based engineering firm Marand and BAE Systems Plc in the UK. Long thin spar production started in August from its new titanium manufacturing facility at Edinburgh Parks and the first delivery of these parts to BAE Systems Plc is expected this month.

AUSTRALIAN ARMY’S TIGER FFMS GETS REALITY BOOST

The Australian Army’s Tiger Full Flight Mission Simulator (FFMS) has been upgraded to enhance its ‘out of the window’ realism, with improvements to the Visual Display System (VDS). Thales announced the successfully delivered upgrade on 5 September.

Thales worked with prime contractor Airbus Group Australia Pacific and Australian Army Aviation on the programme, upgrading the dual-dome simulator ahead of schedule in order to minimise simulator downtime.
The simulator’s existing host computers and visual display platform were integrated with new generation BARCO F35 projectors and a new PC-based Image Generators, providing the crews with 240-degrees vertical by 85-degrees horizontal field of view.

In the final stage of the upgrade, the FFMS passed its Recurrent Fidelity Check, which is required to maintain CASA FSD-1 Level 5 (Level D equivalent) accreditation. This is the highest achievable level, and allows the Australian Army to conduct cost-effective training in the safety of the simulator.

AUSTRALIAN AEROSPACE LIMITED CHANGE OF LEGAL ENTITY TO AIRBUS GROUP AUSTRALIA PACIFIC LIMITED

From 15 September 2014, Australian Aerospace Limited becomes Airbus Group Australia Pacific Limited. The change in legal entity reflects the company's recent rebranding and is in line with the global change to Airbus Group.

This change, although bringing about a formal change of name to the company does not have any other legal implications. We continue to be the same company, with the same Australian Company Number and Australian Business Number, but known by a different legal entity name.

DEFENCE AWARDS CONTRACT TO LOCKHEED MARTIN AUSTRALIA FOR CENTRALISED PROCESSING SERVICES

Defence has signed an $800 million contract with Lockheed Martin Australia for the provision of centralised processing services.

Defence and Lockheed Martin Australia will partner to deliver the transformed centralised processing environment which will meet Defence capability requirements to 2022.

Defence Chief Information Officer, Dr Peter Lawrence, said the project would consolidate infrastructure and applications, improving the overall effectiveness and efficiency of data centre delivery in Defence.

"Centralised processing will deliver a smaller number of more reliable and resilient data centres, from within 280 data centres to 11 domestically and three internationally," he said.

"It will improve the availability, reliability and security of Defence’s computer processing capability.

"The partnership will deliver Defence with a robust and secure technology environment, while creating greater efficiencies; simplifying our service provision and speeding up our response to change."

Lockheed Martin Executive Vice President of Information Systems and Global Solutions, Ms Sondra Barbour, said the Corporation was honoured to have the opportunity to partner with Defence to transform its centralised processing environment.

"In Australia, we're developing an increasingly strong footprint in our information systems business," she said.

"Not only are we applying extensive experience earned from over 20 years as the U.S. Government's number one information technology provider, we are also leveraging the outstanding knowledge of our growing team here in Australia to further
Lockheed Martin Australia Chief Executive, Mr Raydon Gates, said: “In leveraging the work we do for all our customers, Lockheed Martin Australia will partner with Defence to deliver effective and efficient information technology infrastructure and services critical to supporting Defence business and military operations.”

ENVIRONMENTAL WORKING GROUPS

Environmental Working Groups are administered through the Govdex website. Registrations for attendance, meeting agendas and useful environmental information such as Capability Development contact officers can be undertaken/sourced at this site.

For members who are not already members of the EWGs via Govdex please contact AIDN sue.smith@aidn.org.au for assistance with registration.

Aerospace Environmental Working Group (AEWG)
The date for the next AEWG has been tentatively set for Thursday 26 February 2015 in conjunction with the Avalon Air Show 2015.

Land Environmental Working Group (LEWG)
The next LEWG will be held in Brisbane at the start of Land Forces 2014 on 22 September 2014.

Maritime Environmental Working Group (MEWG)
The MEWG was conducted in conjunction with the Defence + Industry conference in Adelaide on 31 July 2014. The next MEWG will be held on Thursday 27 November in Canberra.

C4ISREW Environmental Working Group
The C4ISREW Environmental Working Group meeting was conducted 09 September 2014 in Canberra. The date for the next meeting will be advised when known

Synthetic Environmental Working Group (SEWG)
The date for the next meeting of the SEWG will be advised when known.

GENERAL NEWS

PERSONNEL CHANGES

QinetiQ Australia recently announced the appointment of Greg Barsby as its new Managing Director. Mr Barsby joins QinetiQ from KBR. The appointment of Mr Barsby follows the planned return to the UK of Alan Woolford, who has been Managing Director for the past two and a half years. Mr Barsby will take up his appointment in October and will be based at QinetiQ's Brindabella Business Park office in Canberra.

Mr James (Jim) McDowell will be the new Chairman of the ANSTO Board in December 2013, Mr McDowell has 35 years’ experience working for multinational defence, security and aerospace companies.

On Monday 15 September special forces commander Duncan Lewis will become ASIO's Director General. A former ambassador to NATO, Secretary to the Department of Defence and National Security Adviser to Prime Minister Julia Gillard, Mr Lewis will replace David Irvine.

CARR BLASTS ARMOURED VEHICLE DECISION

Shadow federal industry Minister Kim Carr has blasted the Abbott government’s decision to order a fleet of nine bulletproof BMW 7 Series limousines after rejecting an earlier decision to award the contract to Holden-BAE.

According to Senator Carr, GM Holden had not only bid for the contract in partnership with specialist defence and security firm BAE Systems Australia, but had been selected by the Attorney-General’s Department as the preferred tenderer. He said contracts were about to be signed just prior to last year’s Federal election, and that BMW was not even on the shortlist for the deal, which is reputedly worth $6.2 million.

As GoAuto has reported, the German manufacturer has this week confirmed it has won the right to supply the government nine armoured 7 Series limousines, each costing about $500,000, which will be owned by the Attorney-General’s Department and operated by the Australian Federal Police.

Senator Carr said the department had recommended the government purchase nine “specially modified Caprice Holdens to
replace its ageing fleet used for high officeholders and visiting dignitaries. Contracts were about to be signed before Labor lost office and the government has yet to explain why it overturned the decision," he said. – AutoWeb

### UPENDING ACTIVITIES

**Land Forces 2014 - 22 - 25 September in Brisbane**
The Land Forces Conference is a major event for users, providers, academics, designers and manufacturers to meet, present, share and exchange new and visionary ideas on Land Systems.

Contact: Penny Haines, Executive Manager Sales Operations Email: phaines@amda.com.au
Ph: +61 3 5282 0535
Note AIDN will have a group stand at this event.

**Northern Australia Defence Summit - 15-16 October 2014, Darwin Convention Centre**
Enquiries: ADM Events - Adam Wiltshire, Ph: 02 9080 4342;
Email: adam.wiltshire@informa.com.au
Web: www.admevents.com.au

Bringing together key figures from the NT Government, senior military figures, and senior industry representatives, this conference is all about the continuing development and support of Defence in the Top End. Hear about the current and new initiatives offered by Government and what industry can bring to support Defence's strategic objectives.

**New Zealand Defence Industry Association Forum (NZDIA Forum)**
**Date: 21-22 October 2014, New Zealand**
In association with New Zealand Industry, Ministry of Defence and NZ Defence Forces. More details to come.

**MiICIS 2014 11 - 13 November 2014, Canberra**

MiICIS is the only Australian conference that focuses Strategically on the crucial technologies, products, systems and services associated with military communications and information systems.

**SIA Centenary Conference 2014 11 - 13 November 2014, Fremantle**
The Submarine Institute of Australia (SIA) will host its 7th Biennial Conference as one of the highlights of the Centenary of Australian Submarines. With a host of high-level Government, naval and industry speakers and a special session recognising the contribution of science to Australian submarines, this conference will be one to remember.

Enquiries: Web: [www.submarineinstitute.com](http://www.submarineinstitute.com)
Email: conference@submarineinstitute.com

**ADM CONGRESS 2015 10 February 2015 Hyatt Hotel Canberra.** Next year, it will be a streamlined one-day event followed by the Awards reception at the Hyatt Hotel, Canberra.

**Avalon International Airshow 2015 24 February - 1 March 2015, Geelong**
The Australian International Airshow and Aerospace & Defence Exposition is the essential aviation, aerospace and defence event for the Asia Pacific.

**PACIFIC 2015 6 - 8 October 2015, Sydney**
The PACIFIC 2015 International Maritime and Naval Exposition is a unique marketing, promotional and networking forum. Scheduled to coincide with the Royal Australian Navy’s annual Navy Week celebrations, PACIFIC 2015 will be a comprehensive showcase of the latest developments in naval, underwater and commercial maritime technology.

### AIDN ACTIVITIES LIST FOR 2014

| September | 18 | AIDN-Qld Meeting at Thales | AIDN-Qld |
| 18 | AIDN-NSW 20TH Anniversary Dinner | AIDN-NSW |
| October | 7 | VDA-Land Systems GD Land 400 briefing | AIDN-Vic |
| 7 | AIDN-Vic Defence Update & Golf Day | AIDN-Vic |
| 7 | DTC Business Development Breakfast | DTC |
Contact your local AIDN Chapter for more info on the above activities:

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Have you got a story or a news item to tell?

Anything from a recent success story to a new product or service, we want to hear about it.

Why? So we can tell all our Member Companies about it, and also the many other people with an interest in the defence, security and aerospace sector who receive the AIDN Newsletter.

Articles are to be limited in size and submitted by email to sue.smith@aidn.org.au. This is a free service to members.

CAN WE HELP YOU?

If you would like any further information or require any assistance with defence industry issues, please contact the AIDN office:

AIDN, PO Box 334, Ashburton Vic 3147, Ph: 03.9885 0907
admin@aidn.org.au
ABN: 37 252 416 031 ARBN 115 614 803
www.aidn.org.au

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Would you like to assist yourself and AIDN by advertising in the newsletter? The newsletter is circulated to more than 800 defence related companies in Australia, as well as Overseas Associations and key DMO decision makers. Advertisements of one column wide by half a column long can be booked at $185+GST per issue for members. Please contact Sue Smith to book your advertisement. We will continue to print newsworthy information for free under Members’ News. sue.smith@aidn.org.au.

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