

AVALON 2023

MEDIA KIT

February 28 - March 5, 2023 GEELONG, AUSTRALIA

USTRALIAN INTERNATIONAL AIRSHOW • AEROSPACE AND DEFENCE EXPOSITION

28 FEBRUARY - 5 MARCH, AVALON AIRPORT, GEELONG, VICTORIA





ORGANIZER OF THE USA PARTNERSHIP PAVILION OFFICIAL DIGITAL DIRECTORY FOR THE USA PARTNERSHIP PAVILION

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USA PARTNERSHIP PAVILION FAST FACTS

HALL 2 & 3

83 U.S. Companies Exhibiting within the USA Partnership Pavilion

1210 sqm space in the USA Partnership Pavilion

35 exhibitors new to the market

51 exhibitors new to the show

9 state pavilions (Alabama, Arizona, California, Colorado, Idaho, Maryland, Ohio, Oregon, and Washington)

7 Custom Build by Kallman Creative Services

Sponsored by Boeing, General Atomics Aeronautical, Lockheed Martin Australia, Northrop Grumman, and Raytheon Technologies

VIEW INTERACTIVE FLOORPLAN HERE

VIEW DIGITAL DIRECTORY HERE



Record U.S. Participation Expected at Avalon Airshow 2023

More than 100 U.S. companies, including representation from 17 states, are exhibiting — a majority in the USA Partnership Pavilion, Halls 2 and 3 at Avalon Airshow 2023

Waldwick, NJ, USA and Geelong, Australia / February 22, 2023 — Demonstrating the latest in U.S. technologies and services, the U.S. national group at Avalon Airshow this year will be the largest ever, the total national contingent consisting of 100+ companies in Halls 2 and 3 from February 28 - March 5 in Geelong, Australia.

America's leading manufacturers and suppliers, many with proven operating partnerships already in country, are participating at this year's show — notably market leaders General Atomics Aeronautical Systems (Booth #3M11), Lockheed Martin (Booth #3G20), Northrop Grumman Corporation (Booth #3M18), and Raytheon Technologies (Booth #3G7), all exhibiting within the USA Partnership Pavilion.

The USA Partnership Pavilion, organized by Kallman Worldwide, Inc., in coordination with numerous U.S. government agencies, including the departments of Commerce, Defense and State, will be the home of the U.S. presence at the show. Located prominently in Halls 2 and 3, the Pavilion is comprised of 86 exhibiting companies representing 17 states — occupying over 1200 square meters at the show.

Duyck Machine, Inc., first-time exhibitor at the event and new to the aerospace industry, are exhibiting with Business Oregon at Booth #3P3. Founded in 1983, Duyck Machine is one of Oregon's longest running and most successful manufacturers of precision CNC machined components and assemblies. In 2021, they implemented a quality management system that is certified to ISO 9001:2015 as well as AS9100D.

PTS Expeditionary Communications, another U.S. company debuting at Avalon this year, is exhibiting with Alabama Department of Commerce at Booth #3D10. PTS manufactures Power Supply Docking Stations (PSDS) that enable Warfighters to operate tactical radio systems in fixed and semi-fixed environments. As the sole North American Distributor for all Rolatube manufactured products, PTS is looking to expand to Australia at Avalon 2023.

Alongside the hall exhibits and chalets, the U.S. Airforce, Army, Marines, and Navy will have assets on ground display and participating in the flying display, with intended participation from the F-15 Eagle, MV-22 Osprey, and AH-64E Apache.

Preview U.S exhibitors in advance of the show via the official digital partner to the USA Partnership Pavilion, <u>Sourcehere.com</u>. Learn more about who is exhibiting and pre-arrange meetings through the live messaging system which allows you to connect directly on the platform.

"Six decades of experience has taught us that global trade is a year-long conversation punctuated by events," says Tom Kallman, President and CEO of Kallman Worldwide. "For Kallman Worldwide, the yearlong conversations take place on www.Sourcehere.com where international buyers and suppliers come together on an online marketplace designed to facilitate connections and sales 365/24/7. It's the perfect tool for sourcing products, companies, agents, and services and will power onsite connections in the USA Partnership Pavilion at Avalon Airshow 2023."

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ABOUT KALLMAN WORLDWIDE, INC.

Established in 1963, event organizer Kallman Worldwide creates unique opportunities for U.S. companies to strengthen business relationships around the world by maximizing their impact at international trade shows and through online digital events. With a flagship USA Partnership Pavilion; end-to-end exhibitor services; custom stand-building and creative services; corporate hospitality and networking programs, Kallman has helped more than 15,000 companies and collaborated with numerous associations and government agencies at over 1,500 industry and professional events in 46 countries. The company is a strategic partner of the U.S. Department of commerce, and a proud recipient of the President's "E" and "E Star" Awards for the company's active role in aiding U.S. exports and continuing recognition of noteworthy export promotion efforts. Kallman Worldwide is headquartered in Waldwick, New Jersey, with satellite offices in Washington DC and Houston, Texas. It also staffs a Latin America office in Santiago, Chile and bureaus in London, UK and Sydney, Australia. For more information, visit www.kallman.com.

ABOUT SOURCEHERE

Sourcehere is a 24/7/365-day platform that helps businesses of all sizes to get in front of an international audience of buyers year-round via its global marketing programs, its use as a Directory at some of the biggest trade shows around the world, and its partner marketing efforts. This easy-to-use platform allows buyers to find products, services, and the companies that provide them in seconds. Users can also message company representatives directly on the platform. As a partner of Kallman Worldwide, Sourcehere is the Official Digital Directory for the USA Partnership Pavilion, ensuring your products get in front of your target audience before, during, and after the show. For more information, visit www.sourcehere.com.

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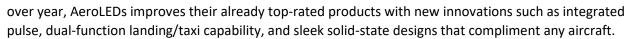
BOOTH #3D7 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

AeroLEDs Announces New SunSpot 36-4000 Series 75W Landing Lights - Highest Candela in the Industry

Trusted since 2007, the AeroLEDs SunSpot Series LED landing and taxi lights offer unprecedented performance but consume minimal power. Already available in a 45W and 100W option, the New Sunspot 36-4000 Series 75W LEDs offer the same trusted reliability but top the charts with the Highest Candela in the Industry for a PAR36 LED landing light. At just 75W, this new series boasts an outstanding 200,000+ candela; with a 15°x15° bright white beam angle that greatly improves visibility both on the ground and in the air from up to 30 miles away.

An easy drop-in replacement for the standard legacy 4509 and 4591 bulbs, SunSpot 36-4509 and SunSpot 36-4591 are a safety upgrade that is FAA-PMA/STC approved for use in virtually any aircraft that requires a PAR36 lighting configuration. Also available with AeroLEDs Signature Integrated Pulse, the -H Models take advantage of an LEDs ability to illuminate instantaneously for increased recognition, even in broad daylight.

AeroLEDs strongly believes that safety is the number one priority for any pilot and has made it their mission since 2006 to produce brighter and more reliable lighting solutions for the Aerospace market as a whole. Year



AeroLEDs aviation lighting products are designed and manufactured in Boise, Idaho, USA. They are rated for over 30,000 hours of continuous use and come with a 5-year warranty. AeroLEDs hopes this new release will continue to pave the way for safer skies, providing a safe LED solution for every pilot no matter the aircraft. For additional information, please click here.

TARGET SECTORS

General Aviation

PRODUCTS/SERVICES

SunSpot 36-4000 Series 75W Landing Light

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Collins Aerospace NEWS

BOOTH #3G4 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

At this year's AVALON, Collins Aerospace will be showcasing its suite of solutions that enable armed forces to be more connected and effective.

They include resilient autonomous networking technology, the joint secure air combat training system and airborne reconnaissance systems for mission success. As the battlespace becomes increasingly more contested and complex, maintaining advantage over the adversary requires integrating operations across the joint force, and we will be able to share how we can keep forces ahead of the threat by connecting the edge across all domains.



With an established Australian presence of over 50 years, Collins Aerospace has supported Australia's Industry Capability through collaborative partnerships and provided innovative solutions to our defence and commercial customers. We have also established facilities for the manufacture and delivery of key capabilities across the ADF with a focus on the creation, upskilling and sustainment of local jobs.

Collins Aerospace will also be exhibiting its hoist & winch and Space Solutions at AVALON, stand 3G4.

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Duyck Machine, Inc NEWS

BOOTH #3P3 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

Duyck Machine says Hello from Oregon!

We're new to aerospace, and are delighted to come to Avalon for the first time!



Founded in 1983, Duyck Machine is one of Oregon's longest running and most successful manufacturers of precision CNC machined components and assemblies.

We're a family-owned business that has been hands-on in the day-to-day operations, and we continue to invest in state-of-the-art equipment and employee expertise. From short,

customized runs to large-scale productions, our commitment is to get it right the first time using our cost-

competitive processes to meet or exceed your delivery requirements.

In 2021, we implemented a quality management system that is certified to ISO 9001:2015 as well as AS9100D. We look forward to meeting you!

TARGET SECTORS

Aerospace High Tech

PRODUCTS/SERVICES

Precision Machined Parts

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Fluoron NEWS

BOOTH #2P15 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

Fluoron announces purchase of new 3700 SQM manufacturing facility among expansion plans The expansion project enables Fluoron to increase their product offerings with best in class quality

In September 2022 Fluoron closed on a new 3700 SQM (40,000 SQFT) manufacturing space in Triumph Industrial Park, Elkton, Maryland USA. The facility is currently undergoing a series of renovations to bring it up to manufacturing 4.0 capabilities and expand Fluoron's unique product line of customized Fluoropolymer sleeves, jackets, liners and coatings. A new coating facility and clean room will be installed as part of the project to meet ISO-9001 quality standards by April 2023. A new 370 SQM (4,000 SQFT) office complex with technology center has completed architectural review with a target completion date of 4Q 2023.



For additional information, please click here.

TARGET SECTORS

Aerospace Plastics Distributors Flexible Packaging

PRODUCTS/SERVICES

Heat Shrinkable Fluoropolymer Jackets Tank Liners Non-Stick Coatings

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Fortius Metals, Inc. NEWS

BOOTH #3A3 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

Fortius Metals welds the un-weldable with our high performance 6061 alloys

Fortius Metals is launching our advanced 6061 welding alloy to select customers starting April 2023



Fortius Metals is launching our first advanced welding alloy, A6061-RAM2, which solves the traditional problem of hot cracking and hot tearing. Fortius 6061 welding wire also show tensile strength above typical values for wrought, using the standard T6 heat treatment. Our welding wire can be used for traditional welding and joining, and is a great candidate for large format metal 3D printing like WAAM and laser wire DED.

Stop by Stand 3A3 at the AVALON show in Geelong, Victoria to learn more!

TARGET SECTORS

Aerospace
Defense
Wire Arc Additive Manufacturing

PRODUCTS/SERVICES

A6061-RAM2 Welding Wire

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Follow Fortius Metals, Inc. on LinkedIn!



Hydraulics International Inc. (HII) NEWS

BOOTH #3M1 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

HII is one of the world's leading OEM of both military & commercial ground support equipment (GSE). HII ensures the flight readiness & mission critical operation of aircraft worldwide.

New generation hydraulic test stand built with hydraulic purification system keeping aircraft flight safer and reduce significantly aircraft maintenance cost. For additional information, please click here.



TARGET SECTORS

Military Air Forces
Commercial Airlines
MRO Facility & Aircraft Manufacturers

PRODUCTS/SERVICES

Aircraft Ground Support Equipment
Aircraft Hydraulic Test Stands & Test Benches
Aircraft Munitions Handling Loading Units

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Follow Hydraulics International Inc. (HII) on YouTube!



Master Fluid Solutions NEWS

BOOTH #3A15 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

TRIM® MicroSol® 585XT Saves Aerospace Manufacturer 30% on Coolant per Year

Boost productivity and profitability with our TRIM® Fluids product line.

Tired of high coolant makeup rate, increasing consumption, and fluid costs, the customer desperately needed a new cutting fluid that would produce less waste without reducing part quality, throughput, and other important KPIs. The customer decided to switch to TRIM® MicroSol® 585XT, a high-lubricity semisynthetic and immediately noticed a difference. TRIM MicroSol 585XT extended tool life, improved part finish quality, created an estimated 30% reduction in coolant-related costs, lowered residue, improved hard water stability, and more!

For additional information, please click <u>here</u>.

TARGET SECTORS

Aerospace Manufacturers

Manufacturing Industry

Metalworking Fluids Industry

PRODUCTS/SERVICES

TRIM® MicroSol® 585XT

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PTS Expeditionary Communications NEWS

BOOTH #3D10 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

Reliable. Lightweight. Cost Effective.

Tactical Expeditionary Communications Simplified

PTS is a woman owned small business providing innovative solutions that solve communications challenges. PTS manufactures Power Supply Docking Stations (PSDS) which enable Warfighters to operate tactical radio systems in fixed and semi-fixed environments. PTS is the sole North American Distributor for all Rolatube manufactured products. PTS supports the Capability Set 21, 23, 25, 27, and Army 6 Modernization Priorities by providing solutions that "Ensure command posts' deployability, reliability, mobility and survivability." PTS's Expeditionary Kit (E-Kit™) enable Soldiers to quickly establish tactical communications in a Command Post (CP).





For additional information, please click here.

TARGET SECTORS

MOD

OGA

Aviation

PRODUCTS/SERVICES

Tactical Communications
Power Supplies
Antennas and Mast

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Thinklogical NEWS

BOOTH #2P11 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

Thinklogical is introducing their Next Generation Integrated Client Transmitter ICT18 at Avalon 2023

Design a secure, productive and high performance remote computing infrastructure.

Thinklogical is introducing the next generation Integrated Client Transmitter ICT18 at Avalon 2023. Design a secure, productive and high performance remote computing infrastructure using Thinklogical's Integrated Client Transmitter ICT18. This all-in-one, rack mount assembly offers the ultimate combination of Source Client and KVM Extension performance in a flexible ultra-dense chassis.

Up to 18 Client Processor Platform Cards (PPC) and KVM Transmitter Cards are mated in a mid-plane Chassis producing Integrated Client Transmitter pairs, that allow the completely independent upgrade of the processor platform or KVM transmitter.

Processor Platform Cards, running on the latest Intel® Core™ i7, 11th generation processor, serve as zero, thin or full featured thick clients hosting any supported VDI client software or operating system. Mated 10Gb KVM Fiber Optic Transmitter Cards extend up to 4 video heads (dual 4K60 and dual 4K30) along with Audio, USB HID and USB 2.0.

Product Features:

- Rack mounting of up to 18 Clients and paired KVM Transmitters in only 4 rack units
- Full Featured Independent Processor and KVM Transmitter Cards
- Supports HDMI 2.0 Triple or HDMI 1.4 Quad Head Systems and resolutions
- up to 3840 x 2160 @ 60Hz (Triple) 30Hz (Quad)
- Supports USB HID and USB 2.0 (Integrated or Separate)
- Embedded Digital Audio (can be extracted at receiver) and Analog Audio (mic/line)
- Intel Core i7, 11th Generation Processor, Platform
 - Available RAM: 16GB, 32GB, or 64GB
 - Available SSD: None (Zero Client) to 2TB
- Swappable Processor, KVM Transmitter and Controller Cards, Fan Tray and Optics
- Redundant, current sharing, hot swappable power supplies
- Compatible with Thinklogical's full range of TLX KVM Receivers and Matrix Switches

Product Benefits:

- Secure, space-saving, rack mountable Clients and paired KVM Transmitters
- Clean and reliable Installations with reduced cabling, power, noise and heat
- Integrated Intel Processor Solution supporting all common VDI and Desktop Operating Systems
- Future proof independent upgrading of Processor Cards and KVM Transmitter Cards
- Enhanced flexibility with comprehensive video, peripheral and memory options
- Outstanding serviceability and maximum uptime with local access ports, hot swappable cards, modules and optics

• Multi-domain support when used with Thinklogical Matrix Switches and Receivers

To access ICT18-Datasheet, please click here. For additional information, please click here.

TARGET SECTORS

Command and Control Maritime Systems Rapid and Deployable Units

PRODUCTS/SERVICES

ICT18 - Integrated Client Transmitter

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TrellisWare Technologies NEWS

BOOTH #3C1 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

TrellisWare Demonstrates 815 Node Network Scalability for Simultaneous PLI/Voice/C2 Service 1.2 MHz

TrellisWare Technologies, a global leader in resilient communications solutions, announced the successful completion of two major scalability events that highlighted new capabilities to provide customers with even greater network performance, resiliency, interoperability across multiple vendor platforms, and ease of deployment for their tactical networks. The events focused on the company's most significant customer use cases:

- Flattening command and control (C2) by providing extremely high scalability, thereby enabling a
 flat battalion network fielding at the individual soldier level in a single 1.2 MHz radio frequency
 (RF) channel
- Maximizing efficiency for practical operational use in areas where radio frequency (RF) spectrum availability is congested or limited
- Supporting advanced tactical services on a large-scale network that leverages a cloud-based client-server architecture

Leveraging the recently released TSM® waveform version 6.2.1 firmware running on radios deployed around their San Diego, CA campus, the TrellisWare engineering team demonstrated a sizeable flat network consisting of 815 nodes, all operating in a single 1.2 MHz RF channel. The significant capabilities simultaneously demonstrated include:

- The resilient network was rapidly formed consisting of 815 real TrellisWare® radios
- The TrellisWare radio platform deployed supported 225 MHz to 2600 MHz spectrum in one piece of hardware
- The Position Location Information (PLI) of every radio was updated at an average of less than 10 seconds for all 815 nodes
- 100% of the radios and their associated PLI were viewable by every radio in the network
- Voice communications were supported with 32 talk groups available
- IP-data C2 services were supported, including the TAK application

"To make large node-count scalability events operationally relevant, it is important to build the network with multi-hop topology over diverse terrain, and with highly dynamic mobility, as opposed to just turning on a bunch of radios in a large room or parking lot statically," said Jon Cromwell, vice president of engineering at TrellisWare.

TrellisWare has demonstrated 800+ nodes to US and international government customers during the last few years with pre-released firmware. The release of their newest TSM 6.2.1 firmware incorporates optimized improvements supporting massive scalability objectives. "This test was to validate further the

impact of those improvements at a Technology Readiness Level (TRL) 9 maturity with production-released software," added Cromwell.

In the second event, TrellisWare teamed with US Department of Defense (DoD) customers to optimize how the TSM waveform could better support their operations, including advanced tactical services such as video and heavy transmission control protocol (TCP) server-centric dependency. That effort highlighted the benefit of cross-layer optimization between the applications and network services. As a result, new capabilities in the TSM 6.2.1 firmware, combined with minor configuration changes to the application software, enabled a 300% increase in client scalability while maintaining full network visibility and availability of services.

"In collaboration with users and application developers, we optimized the TSM network to improve the users' current ATAK deployment while also demonstrating valuable application layer improvements," stated Haidong Wang, vice president of product management and strategic partnerships. "Availability of uncontested and contested spectrum is considerably scarce, so an efficient application layer delivering the same services with lower bandwidth required will result in increased network resiliency."

TrellisWare has designed this high-scalability testbed to continuously collaborate with customers and partners to benefit future tactical networks.

Visit TrellisWare in the USA Pavilion Hall 3 Stand 3C1 for an in-person demonstration with Darren Bradley or George Roesch, or contact sales@trellisware.com.

PRODUCTS/SERVICES

Radios Waveforms

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Follow TrellisWare Technologies on LinkedIn!



Washington State Department of Commerce NEWS

BOOTH #3P8 IN THE USA PARTNERSHIP PAVILION AT AVALON AIRSHOW 2023

AEROSPACE COMPETITIVE ECONOMICS STUDY 2022

Washington State remains the leader in aerospace!

For the third year, the Aerospace Competitive Economics Study (ACES) finds Washington is the most competitive business environment for the design, engineering and manufacture of major aerospace structures and the final assembly of aircraft.

Thank you to the AeroDynamic Advisory team, the International Association of Machinists (IAM), and the Society of Professional Engineering Employees in Aerospace (SPEEA) for letting us use this report.

For additional information, please click here.

TARGET SECTORS

Sustainable Aviation Space UAM

PRODUCTS/SERVICES

Geospatial Intelligence / Hydrogen-Powered Group 2 VTOL UAS Electrical And Mechanical Engineering Solutions Advanced Radar Solutions

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