

GALAXY GAZETTE

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Here's your place to find out what's happening all across the ASI team, from new innovations to important events and announcements.



Greetings from **THE PRESIDENT**



As we enter the New Year, let's take a moment to reflect on what we have accomplished as a team while planning for the year ahead and our long-term success.

Once again, ASI experienced continued growth, as we have each year since our inception, to become a leader in our industry. ASI has seamlessly transitioned from the small business realm to a large business, with plans for continued growth through strategic acquisitions, partnerships, and expansion into new markets. Given the overall hostile market environment, this is quite an impressive achievement and something to be celebrated.

On the topic of continued growth, I can hardly contain my excitement in looking to the future of the ASI family. The stars are indeed the limit (e.g., Space Perspective). We are growing in all facets, including engineering, logistics, and IT management for planned and deployed significant assets in domestic and foreign markets. We are indeed a global company now! By design, ASI's growth occurred without outside investment or influence, and our objective is to continue this approach. I genuinely enjoy working with such a fantastic group of colleagues as we align to build a BILLION dollar privately held company. I assure you that, collectively, we can and will achieve this, and we will celebrate our success.

As such, I solicit your input so ASI can achieve unprecedented growth. Each one of you stand on the front line with our customers and hear firsthand their requests for opportunities for improvement and innovative ideas. Please bring them all forward for consideration. To support this, I will send e-mail reminders on ASI's focus and areas of expertise. My door is always open for me to hear your ideas. Or, if you prefer, send an e-mail with a few agenda items, and we can schedule a more formal discussion.

I wish you all a healthy, happy, prosperous 2023! Thanks again for all you do as part of the ASI family. I look forward to speaking with you and hearing your great ideas throughout the year.

Respectfully,
Carl Sawyer
President
Andromeda Systems, Inc.



ANDROMEDA SYSTEMS INCORPORATED ACQUIRES TFD

Andromeda Systems Incorporated (ASI) is pleased to announce its acquisition of Tools for Decision (TFD) on November 17th, 2022. The acquisition includes TFD Group in the US, TFD Europe Ltd based in the UK, and a partial stake in TFD Africa. ASI will absorb US-based TFD assets directly into ASI, while TFD Europe Ltd will become a wholly owned subsidiary.

ASI will retain and expand the TFD brand to provide Supportability software, services, consultancy, and training solutions, building upon experience in the US, UK, Japan, the Middle East, and African markets. The TFD brand will be integrated into ASI's wider business offerings and marketed under the new title of TFD Global (TFDG).

The acquisition will bring together ASI's capabilities in engineering, Supportability analysis, information technology, and maintenance with TFD's expertise in analytical methods and software tools for logistics decision support. Together, the companies will expand solutions for optimized maintenance and support to reduce the cost and maximize the performance of fleets, plant, facilities, and critical infrastructure to get the most from physical assets at the lowest possible cost.

"We are very pleased to bring ASI and TFD together to further our vision of becoming a pre-eminent provider of Supportability and asset

management related products and services across the globe.

ASI and TFD are both recognized for their competence in Supportability analysis and related disciplines with complementary skillsets, expertise, philosophies, and approaches. We share a passion to help our customers optimize the support of their physical assets and fleets by developing cutting-edge solutions for Support problems. Acquiring TFD will accelerate ASI's growth worldwide by bringing additional expertise and knowledge to our team of experts and allow us to more compete effectively in the international marketplace. We look forward to doing great things together."

– JC Leverette, Chief Operating Officer of ASI

The acquisition will take advantage of ASI's larger and broader-based resources to exploit support to customers worldwide and enable rapid development of TFD's software capabilities to meet market desires.

"We share a passion to help our customers optimize the support of their physical assets and fleets by developing cutting-edge solutions for Support problems."

"Our acquisition by ASI means that TFD Global will be able to improve our support to customers through improved coherence and flexibility available from enhanced resources of the wider

organization. ASI's extensive and proven Support Engineering capabilities will now be available to customers in the UK, European and Japanese markets. We will also be able to enhance TFD software more rapidly to meet market desires."

– Allan Goody, President of TFD Global

For more information, please email us at:

info@androsysinc.com

For more information on TFD Global please visit: www.tfdg.com

Preventive Maintenance for Operational Technology (PMOT) ▲

By Ron Wagner, ASI Chief Technology Officer

In September of 2022, ASI introduced its most recent product reseller partnership with Tenable Inc. to provide Cyber Security to the industrial operations sector.

This capability enables an industrial security solution for the modern industrial enterprise. Tenable Operational Technology (OT) provides customers the ability to identify assets, communicate risk, and prioritize action while enabling Information Technology (IT) and OT teams to work better together. Tenable OT offers comprehensive security tools and reports for IT and OT security personnel and engineers.

Preventive Maintenance for Operational Technology (PMOT) is Innovation and New Products (INPD) newest product line. Led by Rob Ufford, PMOT Product Line Manager, and Laurie Alberino, INPD Vice President, PMOT combines cyber preventive software with ASI preventive maintenance analysis to protect and improve critical operational technology infrastructure resiliency and performance. Teamed with Tenable, one of the top cyber software companies, ASI will resell Tenable Cyber Security products and work with customers to use the data collected from IT and OT networks and devices monitored by Tenable NESSUS software to suggest preventive maintenance task improvement.

Tenable's NESSUS software is the industry standard for protecting network attack surfaces in IT. The recent convergence of IT and OT networks extends Tenable's protection ability to the critical infrastructure components known as OT or "Operational Technology". OT devices include pumps, motors, heat exchangers, etc. OT devices are usually controlled by Programmable Logic Controller devices (PLCs). PLCs communicate on the IT network making it possible to monitor PLC and component performance remotely. Using data collected from the PLCs and components, ASI will use Reliability Centered Maintenance (RCM) analysis to assess opportunities to improve preventive maintenance tasks scheduling and performance.

Improving preventive maintenance is the first step in the plan for PMOT. Leveraging work by David Nelson of RM&S, INPD and Tenable are pursuing the first PMOT customer, a water treatment facility. The PMOT team is pursuing another potential customer requiring the capability to remotely monitor temperature on critical devices deployed throughout a large facility.



The customer requested ASI develop algorithms to “predict” equipment failures and report out-of-tolerance conditions. Based on prior work by Adam Mills of RM&S who worked with vibration sensors for a hospital facility, the combination of device monitoring, data collection over IT network, and performance analysis using ASI’s RCM and Supportability Analysis tool suite will create PMOT II, “Predictive Maintenance for OT.”

A third PMOT phase will include hosting algorithms on micro computer devices connected to the PLCs or directly to the OT components to reduce the need for WiFi or Cloud connections in remote areas. A preliminary investigation has begun by ASI’s Engineering Group led by Rob Lingis, VP of Engineering, and John Kummer, Chief Engineer. The targeted customer wants his assisted driving camera calibration algorithms to run on his portable calibration device. Calibration is necessary for assisted driving systems after a windshield has been replaced and they would like to run the protected algorithms at the vehicle. This will eliminate the need for “Cloud” access to protect the intellectual property. When designed, the micro-OT device will have tremendous applications beyond assisted driving repair and extend preventive maintenance techniques to the “point of performance.”



ASI Provides Supply Support and Maintenance Planning Analysis for the E-2D Hawkeye

By Anne Mruz



ASPM team members throughout the country are providing Supply Support and Maintenance Planning analysis to PMA-231's E-2D Hawkeye program. For the past several years, the ASI team has leveraged its knowledge and experience to support the E-2D Hawkeye with a variety of efforts related to life cycle logistics contributing to the long-term sustainment of the aircraft.

The current focus of this project is alignment of supply data elements in the Logistics Product Data (LPD) with external supply systems, such as One Touch and the Web Federal Logistics Information System (WebFLIS). The team identifies, researches, and documents discrepancies across these databases, as well as conducts research of Original Equipment Manufacturer (OEM) tech data packages to provide recommendations for corrective action.

When necessary, the team utilizes the CMPRO system to request updates to supply databases via the NAVSUP ownership chain. The team is also collecting and storing actions for the government to implement in the LPD system. This ensures accuracy of information between the E-2D Provisioning Reports (LSA-036), NAVSUP, and DLA systems, which results in improved material availability for maintenance personnel. The team is also working collaboratively with the government on maintenance plan reviews

to support the fleet. Working on an aggressive schedule, the team will review and provide feedback for 36 systems during a six-month delivery window. This effort will provide the fleet with up-to-date information relating to item function, part updates, preventative and corrective maintenance tasks, and supply information.

Additional support for the E-2D includes monitoring of flightline maintenance and supply records to identify opportunities for improved support. Finally, Ms. Jennifer Beamer will ensure all records for Government Furnished Property (GFP) are maintained to facilitate ongoing production of the E-2D.

We are proud of our collaborative efforts with PMA-231 and FRCSW to support the E-2D Hawkeye and look forward to continued collaboration in the future. Members of the E-2D Supply Support Team include:

- Anne Mruz
- Jonathan Paz
- Jake Willis
- Michael Tourville
- James Fouse
- Ruben Ochoa
- Joe Cordova
- Marie Hanna
- Kyle Rausch
- Jeremy Dreaden
- Scott Fick
- Jennifer Beamer



Dennis West inducted into NC State Mechanical and Aerospace Engineering Hall of Fame

By Rob Willis

Dennis West, ASI's Cherry Point Site Lead was recently recognized for his professional contributions to the Aerospace Engineering community.

The Mechanical and Aerospace Engineering (MAE) Department at North Carolina State University celebrates accomplishments of extraordinary alumni who have used their education to excel in a profession, career, or service. Inductions into the MAE Hall of Fame is limited to 1% of the NC State alumni base. This is truly a noteworthy honor, with nine recipients joining the elite group this year. The inductees' careers showcased excellence from NAVAIR, Duke Energy, various universities, NASA, Wright Patterson R & D, and Aerospace Corporation.

Dennis, a 1984 aerospace engineering graduate, was recognized for his significant accomplishments as a federal employee while working for NAVAIR. During his career, Dennis held positions as Engineering Group Head, Logistics Group Head, and Production Group Head in FRC East. He closed his NAVAIR career as the Deputy for Commander, Fleet Readiness Centers, a senior executive level position.

In the early 2000's Dennis worked with NC State to bring engineering degree programs into eastern North Carolina, assisted in the establishment of the NC State Institute of Maintenance Science, assisted in the stand-up of the airframes and powerplants certification program into the local community college, and started an effort to bring more academia into



maintenance engineering technical discussions real-time.

Dennis's nomination for this honor was forwarded by Mr. Chris Holder, currently the FST Leader at FRC East and a 2013 inductee into the Hall of Fame. Dennis's acceptance speech centered on thanks given to a former high school teacher that greatly influenced him and invested his time and money to ensure Dennis was on the right path. He drew a thread from his own humble beginnings through the education of his two adult daughters, both Masters graduates, and his honor roll nine-year-old daughter. Dennis concluded his speech by noting that, "All it takes is for someone to act and intervene to make a monumental difference to someone's life and keep the education thread going."

In addition to serving as the ASI Havelock NC site lead, Dennis supports COMFRC in Strategic Planning and Future Workload Planning.

ASI Charity Spotlight with Stephen Toloczko

Defense Acquisition Professionals Alumni Association (DAPAA) JAX Military Golf Charity Open



Andromeda Systems Incorporated proudly sponsored and participated in the 2022 Winter Defense Acquisition Professionals Alumni Association (DAPAA) JAX Military Golf Charity Open. ASI team members JC Leverette, Russ DeSalvo, Harrison Lindblad, Bob Hudson, Mark Leverette, Brandon Adams, Brian Walling, and Stephen Toloczko took to the green to support DAPAA's efforts to help the local military community.

Stephen, who serves on the organization's board as the VP of Department of Defense Industry Outreach, shared information about the charity in hopes of inspiring others to join and give back.

1. What is DAPAA and what causes does the organization support?

DAPAA is a group of active-duty members, retirees, defense contractors, and other business owners throughout the military community here in Jacksonville. Our focus is to give back, and we do that by organizing two golf fundraisers each year (May and December) to support families of American heroes, NMCRS, USO, St. Jude's Children's Hospital, and local military commands. We also issue STEM scholarships to high school seniors in northeast Florida. ASI was recently named a member of the Founders Scholarship Team as part of our ongoing support.

2. What are some things you/your team have done to help raise awareness for the golf charity open?

I first played the event about seven years ago and I saw how it brought our company together and allowed our team to give back to the community. As a participant, I reached out to local businesses, friends, and family to build relationships, fundraise, and tell people about our cause. After years of involvement, the board approached me with an offer to serve as the VP of Department of Defense Industry Outreach and I said, "Yes, absolutely." I helped form two teams and we continuously search for new opportunities to provide support to those in need.

3. Are there any challenges you've had to overcome in the process? Any important lessons learned?

The biggest challenge was when Covid hit. Businesses, organizations, churches, and schools shut down and people couldn't freely interact and engage anymore. Despite that, during such dark and uncertain times, we were able to put on an exclusively outdoor event and bring everyone together and restore faith. We learned that we each have a gift and we should use that gift to help one another and our neighbors as good stewards of grace.

4. What goals or ideas does the team have to make the 2023 open even more successful?

We would love to pull in more national sponsors and donors, so we can explore the possibility of a two-day event with a gala. We also want to make the event more family-friendly by involving spouses, kids, and loved ones. The hope is that they'll experience the magic and feel inspired to take part. DAPAA and this event is meant to be a light in a world full of darkness. We want to spread hope and encouragement and intentionally choose to make a difference for our community. I believe we're strengthening our bonds and faith by creating a better environment inside and outside of ASI.

Want to learn more about scholarship opportunities?
Visit <https://www.dauaajax.org/2022-dapaa-scholarships>



Military Appreciation Luncheon

EVENTS

Andromeda Systems, Inc. was a proud sponsor of the 20th Annual Military Appreciation Luncheon held by the Jax Chamber. ASI team members Jennifer Otero, JR Rodriguez, Reggie Northcide, Greg Hutson, and Brandon McDowell attended the event to honor our nation's service members. Check out some of the highlights!



Travel Tips for Employees



When airfare is purchased through Concur, there is typically an Agency Booking Fee charged (usually \$9.00). Please remember to include this charge on your expense report along with your airfare.

The Agency Booking Fee amount will be included on the airfare receipt PDF file received from American Express Global Business Travel.

Please contact Bryan Miller with any travel-related questions.



HAPPY ANNIVERSARY

5 YEAR

*Clifford Baumen
Norton Dixon
Joel Eubanks
Daniel Fernandez
Melissa Metz
Nichole Nash
Kim S. Phillippi*

10 YEAR

*Michael L. Trimble
Douglas K. Wright*

15 YEAR

*Robert A. Lingis
Doug Pennington*



P R O M O T I O N S

Samantha Rager
Kenneth Utting

Contracts Manager
Software Development Manager



NEW HIRES

NAME	TITLE	DIVISION
<i>Rodger C. Black</i>	<i>Engineering Tech</i>	<i>A&PM</i>
<i>Ainsley Bowen</i>	<i>Contracts Specialist</i>	<i>Contracts</i>
<i>Joseph Cordova</i>	<i>Logistics Analyst</i>	<i>A&PM</i>
<i>Shannon Elliott</i>	<i>Principal Engineer</i>	<i>Engineering</i>
<i>Oliver Fellguth</i>	<i>Software Tester III</i>	<i>IS&S</i>
<i>Angel Garcia</i>	<i>Senior Logistics Analyst</i>	<i>A&PM</i>
<i>Scott Heape</i>	<i>Senior Structures Engineer</i>	<i>Engineering</i>
<i>Jeffrey P. Kitchin</i>	<i>Senior CAD Designer</i>	<i>Engineering</i>
<i>Charlotte Mason</i>	<i>Industrial Reliability Engineering Analyst III</i>	<i>Industrial Operations</i>
<i>Noella Mbah</i>	<i>Scrum Master</i>	<i>A&PM</i>
<i>Robert Nomelli</i>	<i>Subject Matter Expert IV</i>	<i>International Services & Training</i>
<i>Jason Piper</i>	<i>Junior Logistics Analyst</i>	<i>A&PM</i>
<i>Jon L. Redfield</i>	<i>Subject Matter Expert IV</i>	<i>International Services & Training</i>
<i>Heather L. Shafer</i>	<i>Software Tester I</i>	<i>IS&S</i>
<i>Mitch Stevenson</i>	<i>Subject Matter Expert IV</i>	<i>International Services & Training</i>
<i>Shoichi Sugiyama</i>	<i>Subject Matter Expert V</i>	<i>International Services & Training</i>
<i>Adam Welsh</i>	<i>Task Development Logistics Analyst</i>	<i>RM&S</i>
<i>Ken G. Woodward</i>	<i>Software Developer III</i>	<i>IS&S</i>



THANK YOU!

Communication is everything at Andromeda Systems Inc., so we are excited to continue to provide you the Galaxy Gazette on a quarterly basis. We look forward to hearing about other exciting news and events that you would like to share with us!