



55th TEWG

1996-2023

15 - 17 AUGUST 2023

TEST AND EVALUATION WORKING GROUP AND EXPO

PROGRAM GUIDE

U N C L A S S I F I E D



WELCOME

OPED would like to take a moment to welcome you all back to the first "in person" TEWG since the Pandemic. We had to cancel in 2020 and went virtual in 2021 and 2022, but now we are all back together and hope to keep it that way. TEWGs, when first started, were done quarterly but during the pandemic OPED decided to hold them annually, which we will continue on with. This year's three-day event will focus on updates from our IC partners and accomplishments we all have achieved towards RDT&E utilizing the Test Support Request process. We have also chosen to add a vendor day this year with the hopes that being able to engage directly with commercial companies affords additional collaboration opportunities for all those in attendance.

Shawn "Gandalf" Zentner, Chief OPED

GENERAL INFORMATION

Security

There will be a security briefing each morning before the event sessions begin. For security reasons, please wear your event name badge at all times. You will not be permitted to enter the sessions without it.

Expo

Be sure to check out the Expo on Wednesday 16 August. The exhibit hall is located directly across from the auditorium in the atrium and breakout rooms and features innovative products, solutions, demos in support of the TEWG community. Time has been allotted throughout the event on Wednesday to visit the 30 exhibits.

Name Badge

For security purposes, please always wear your event name badge while attending the Symposium and remember to remove it when you leave base.

Questions or Concerns

If you have any questions or concerns, please do not hesitate to speak with one of the NCSI representatives.

TUESDAY, 15 AUGUST

OPED Year in Review

TIME	SESSION
0700 – 0745	Attendee Check In
0745 – 0800	Security Remarks <i>MID/PSO</i>
0800 – 0810	Opening Remarks <i>Mr. Shawn Zentner, Chief of OPED</i>
0810 – 0830	Keynote Speaker
0830 – 0900	OPED Overview and Capabilities <i>Mr. Barrie Newman, Deputy Chief of OPED</i>
0900 – 0920	OPED Request Process Coordination Team Overview
0920 – 0930	BREAK
0930 – 1000	NITRO
1000 – 1030	Mission Compliance Group
1030 – 1100	Flight Safety
1100 – 1130	Team ARGO
1130 – 1200	Team LONGBOARD
1200 – 1330	LUNCH
1330 – 1400	TRICKYHORSE
1400 – 1500	FESR Program Briefs
1500 – 1600	Questions/Discussions and Wrap-Up
1700	No Host Social at Sedona Taphouse

WEDNESDAY, 16 AUGUST

Sites, Support, and Future Capabilities

TIME	SESSION
0745 – 0800	Security Remarks <i>MID/PSO</i>
0800 – 0810	Opening Remarks <i>Mr. Shawn Zentner, Chief of OPED</i>
0810 – 0840	Advance Science and Technology Part 1
0840 – 0910	Advance Science and Technology Part 2
0910 – 1030	BREAK / EXHIBITS
1030 – 1100	Aerospace
1100 – 1130	Georgia Tech Research Institute
1130 – 1200	LEO SIGINT Program Office
1200 – 1400	LUNCH / EXHIBITS
1400 – 1430	INQTEL Labs
1430 – 1500	QIC Team
1500 – 1515	Questions/Discussions and Wrap-Up
1515 – 1600	EXHIBITS

THURSDAY, 17 AUGUST

NOFORN Day

TIME	SESSION
0745 – 0800	Security Remarks <i>MID/PSO</i>
0800 – 0810	Opening Remarks <i>Mr. Shawn Zentner, Chief of OPED</i>
0810 – 0900	NOFORN Brief
0900 – 0930	BREAK
0930 – 1000	Systems Performance Evaluations Lab
1000 – 1030	NOFORN Brief
1030 – 1100	NOFORN Brief
1100 – 1130	NOFORN Brief
1130 – 1200	OPED Wrap-Up and Close Out



Mr. Christopher Collins

Executive Director, Developmental Test, Evaluation, and Assessments (ED,DTE&A) within the Office of the Undersecretary of Defense Research and Engineering (OUSD(R&E))

Mr. Christopher C. Collins is the Executive Director, Developmental Test, Evaluation, and Assessments (ED,DTE&A) within the Office of the Undersecretary of Defense Research and Engineering (OUSD(R&E)). DTE&A supports the Department of Defense's acquisition programs using innovative and efficient DT&E strategies to ensure production readiness and fielded systems to meet Warfighter/User needs; improve the Defense Acquisition T&E workforce "practice of the profession;" and advance T&E policy and guidance. DTE&A also conducts Independent Technical Review Assessments (ITRA) and Milestone Assessments for major acquisition programs.

Mr. Collins was appointed to the Senior Executive Service in April 2020. Prior to his appointment, he was the COMNAVSEASYSCOM Deputy for Test and Evaluation. He has also served in various engineering and test leadership positions in the Aegis Ballistic Missile Defense Program within the Missile Defense Agency. He also completed a one-year experiential assignment with the United States Air Force on the Headquarters Staff.

Mr. Collins career began with a United States Naval Academy commission in 1984. He completed a combined Active Component and Reserve Component career and retired after 30 years at the rank of Navy Captain. While on active duty, he completed several deployments as a Navy helicopter pilot. He supported Navy technology transition initiatives and assessments at the Office of Naval Research while on reserve duty. During his reserve tenure, he held command of two Reserve Component Commands.

Mr. Collins has a Bachelor of Science in Electrical Engineering from the United States Naval Academy and a Master of Science in Aeronautical Engineering from the Naval Postgraduate School. He graduated with distinction from the Navy Command and Staff College (distance education) and the Air War College (in-resident). He is a graduate of the 2016 cohort of the Defense Senior Leader Development Program. He is a member of the Defense Acquisition Corps. He has achieved Level III Certification in Program Management, Engineering, and Test and Evaluation.

Babel Street Inc.

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Babel Street illuminates identity and information for a safer world. Customers use our robust text analytics engine and our advanced data and intelligence platform, to rapidly transform massive amounts of global, multilingual data into contextual insights. Babel Street is trusted to help safeguard lives and protect critical assets around the world.

Bastille Networks

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Passively Detect and Locate unauthorized Cellular, Bluetooth, Bluetooth Low Energy, Wi-Fi and IoT devices to produce a dots-on-the-map floorplan of your facility, with geofencing, hotspot detection, SIEMS integration, and DVR forensics.

BlackBerry

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BlackBerry provides intelligent security software and services to enterprises and governments around the world. The company leverages AI and machine learning to deliver innovative solutions in the areas of cybersecurity, safety and data privacy. A leader in the areas of endpoint security, endpoint management, communications encryption, and embedded systems.

Christie Digital Systems

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Christie® is a USA-based provider of high-performance display and processing products for demanding professional applications. Our range of products and services make us the preferred single-vendor supplier of TAA compliant complete, end-to-end AV solutions. As a manufacturer of a wide range of display solutions with expertise in fulfilling government contracts, choosing Christie ensures a simple and seamless process from concept to installation to commissioning and beyond.

CIS Secure

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CIS Secure is the leading provider of secure communications solutions and services supporting the mission of the defense, intelligence, and homeland security communities. Our innovation team develops new technologies to secure contested communications and customizes existing tech to ensure security and meet compliance requirements.

CRFS, Inc.

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CRFS creates rugged deployable systems to detect, identify and geolocate signals in complex RF environments. We provide end-to-end automated solutions for spectrum management and deconfliction, interference hunting and threat detection, using our intelligent receiver technology, software and advanced analytics. Our RFeye systems are widely deployed by military, intelligence, law enforcement and regulatory agencies.

Curtiss-Wright Defense Solutions

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Portable, deployable secure wireless / WiFi / next generation wireless solution, network continuous monitoring software, and remote end-user device monitoring and management.

Delmarva Engineering

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Delmarva Engineering provides products and services to Local, State and DOD agencies supporting Communications and Tactical Systems. Products include High Performance Microwave Receivers/ Digitizers; Portable Cellular Comms and Test; Antenna Systems; RF over Fiber Links; Millimeter-Wave Components/SubSystems; Secure Edge Data Transport; Encryption Devices; Waveguide/Cable Assemblies; SIGINT Systems; Satcom Booster Amps; HPA's; Switch Matrices; Private Cloud Storage Systems.



Denodo Technologies

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Denodo is a leader in data integration helping the government accelerate the implementation of its data-driven strategies. Our platform offers a logical data fabric/mesh powered by data virtualization, that enables data democratization and secure data sharing at speed and scale, at a fraction of the cost of traditional approaches.

Elastic

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Elastic's search-powered platform enables national security agencies to find and share insights faster, monitor infrastructure for anomalies, and protect highly-targeted systems and data. Whether generating geospatial insight for stakeholder reports, facilitating mission-critical software development, or protecting global infrastructure from advanced cyber threats, users trust our search, observability, and security solutions to accelerate the results that matter to their missions. Deployable on cloud, Elastic helps leaders and teams search, solve, and succeed.

Electro-Metrics

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Electro-Metrics provides military- and research-grade antennas, sensors and systems developed to your specifications and on your schedule. Plus, Electro-Metrics antennas are all 100% USA-made by our in-house machine shop in Johnstown, NY. Our capability to do in-house manufacturing and fully test our products allows us to meet the high expectations of our customers and provide rapid responses to urgent needs.

Epiq Solutions

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Epiq Solutions provides state of the art Software Defined Radio (SDR) systems and sensors optimal for DoD/IC applications enabling Electromagnetic Spectrum (EMS) dominance; from micro-miniature to rugged-broadband with over 20,000 SDRs shipped. Flying Fox sensors detect, identify, and geo-locate Wi-Fi, Bluetooth, and Cellular devices with ZERO False Positives.



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Fognigma

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Commercial Off the Shelf (COTS) software, Fognigma, provides global rapidly deployable, fully scalable, on-demand, secure networks & Mission Partner Environments (MPE). Each Fognigma network and next generation MPE provides turn-key communication solutions for voice, video, chat & messaging, telephony, and data without any commitments to contractor labor or services.

Forescout

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Forescout delivers automated cybersecurity across the digital terrain, maintaining continuous alignment of customers' security frameworks with their digital realities, including all asset types – IT, IoT, OT, IoMT. The Forescout Continuum platform provides complete asset visibility, continuous compliance, network segmentation and a strong foundation for Zero Trust.

Hypori

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Hypori Halo delivers zero-trust access to enterprise apps and data via a separate, secure virtual device from any smartphone or tablet. As a virtual BYOD solution, Hypori Halo guarantees end-user privacy, zero-trust access, and no data at rest on the device. The unique separation of the secure virtual device eliminates risk of data spillage and prevents malware on the physical device from entering the virtual device, giving personnel AND employers a solution they can trust.

IEEE Xplore Digital Library

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Illumio

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Illumio is a cybersecurity software company using Zero Trust Microsegmentation to stop the lateral movement of a cyberattack. Illumio provides real-time visibility, reduces the dynamic attack surface, and enables faster implementation using existing hardware and software infrastructure to improve cybersecurity. Illumio is FIPS 140-2 and Common Criteria Protection Profile Certified.

Keysight Technologies, Inc.

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Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to address the evolving needs of electromagnetic spectrum operations. Whether you're looking to simulate complex scenarios, recreate RF signals, or accelerate R&D for 5G MilCom, Keysight accelerates innovation with intelligent insights that reduce risk and speed time-to-market.

Mnemonics, Inc.

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Mnemonics, Inc. provides CONUS/ OCONUS support to DoD and IC entities in developing, delivering, and sustaining Targeting Accuracy for Precision Emitter Systems; including software defined radios, amplifiers, antennas, ground station facilities, precision timing systems, TDOA and ELINT tracking systems, test range training systems, datalink simulators, cryptographic equipment, and ground truth references.



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AI-powered Geospatial Module (GSM) is an Visual Intelligence Analysis Platform that allows for collaborative teaming and analysis across GEOINT missions. GSM works with the user to confirm detection, identification, classification and characterization of objects and vehicles across geospatial data sources. Users can also geofence a zone and set persistent overwatch and alerting. GEOINT users confirm historic data and link satellite imagery feeds into Mirage for processing, alerting and analysis.

Primer Technologies, Inc.

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Primer builds and deploys mission-ready AI applications that meet rapidly evolving defense needs. Our team of AI experts uses cutting-edge machine learning and advanced NLP models to help analysts and operators combat disinformation, detect cyber threats, and gain situational awareness from enterprise and open source data with speed and accuracy.

Progress MarkLogic

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The MarkLogic data platform by Progress gives Global 2000 and public sector organizations a faster, trusted way to unlock value from complex data and achieve data agility. The single, unified platform lets organizations securely connect data and metadata, create and interpret meaning, and consume high-quality contextualized data across the enterprise.

Red Hat

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The adoption of open principles helps the U.S. government start, accelerate, and improve the art of digital transformation—people, process, and technology. As the world's leading provider of enterprise open source solutions, Red Hat uses a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies.

RGB Spectrum

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A pioneer in mission-critical visualization for real-time decision support, RGB Spectrum provides tools for enhanced situational awareness, common operating pictures, and collaboration through the power of digital transformation. We build Video Distribution and Recording Systems (VDRS) that power high-fidelity video display systems used by U.S. fixed wing and rotary combat aircraft flight simulators and flight training centers.

Satcube

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The portable Satcube Ku enables users to create an easy-to-use Wi-Fi hotspot in just a minute to execute critical on-the-spot work assignments. The intuitive user interface enables you to get connected to high-speed satellite broadband in just a minute.

Skyline Software

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Skyline Software Systems 3D earth visualization software and services for the creation and dissemination of customized, interactive, photorealistic 3D environments. Skyline's core product offering, SkylineGlobe, is a web-enabled, interactive 3D globe that supports macro earth level views down to photorealistic street-level urbanscapes and underground views. SkylineGlobe enables Real-time data fusion capabilities enable the integration of "live" data feeds.

Southern Marketing Associates

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SMA represents manufacturers of Test & Measurement products, specializing in signal monitoring/analysis, GNSS, PTP, PNT, GNSS simulation, data acquisition, telemetry, optical modulation analyzers, environmental test chambers. Focus principle, Anritsu – Handheld RF/Microwave interference hunting, spectrum analysis, monitoring, and data collection. Network monitoring. RF drone detection and tracking, Antenna & cable analysis. VNAs, OTDRs, etc.

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Spirent Communications is the leading global provider of automated test and assurance solutions for networks, cybersecurity and positioning. We provide products, services and managed solutions that help communications service providers, network vendors, device makers and federal government accelerate innovation to connect and secure the world.

Vantiq

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VERITAS

Veritas Technologies

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Veritas Technologies is a global leader in data protection and availability, uniquely equipped to serve organizations of all sizes. Through our integrated product portfolio, a reputation for reliability, and a versatile deployment model, we provide a unified data management experience that delivers unmatched performance — edge to core to cloud.



NCSI

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