

JULY 30, 2024



Hosted By:



Defense Acquisition University

For more information and to review past forums go to the JTEG website at <http://jteg.ncms.org>

Interested in presenting or seeking to be added to the JTEG distribution list, please contact [osdas-cop4st@groups.mail.mil](mailto:osdas-cop4st@groups.mail.mil)

### Joint Technology Exchange Group (JTEG) Virtual Technology Forum:

**Date:** Tuesday; July 30, 2024

**Time:** 1300EST to 1430EST

**Industry Partners / Presenters:** National Center for Manufacturing Sciences (NCMS), APTIMA, Laser Photonics, and Titan Robotics

**Purpose:** Watch demonstrations and learn about new capabilities that support cloud-based digital ecosystem that covers the full lifecycle of product development, optimizing Human Performance in Mission-Critical Environments, and flexible intelligent robotic solutions.

Interested in participating in the JTEG virtual forum,  
**REGISTER TODAY** at:

<https://www.dau.edu/events/joint-technology-exchange-group>

REGISTER TODAY!!

**Live Demonstrations  
of Technology  
Solutions!**



Digital Proving Ground



# Welcome to the July 2024 JTEG Virtual Technology Forum



## **JTEG POC List:**

Army: Jared McCallum - [jared.l.mccallum.civ@army.mil](mailto:jared.l.mccallum.civ@army.mil)

Navy: Meghan Wagner - [meghan.b.wagner2.civ@us.navy.mil](mailto:meghan.b.wagner2.civ@us.navy.mil)

USMC: Bill Baker - [william.baker@usmc.mil](mailto:william.baker@usmc.mil)

Air Force: Andrew Isolampi - [andrew.isolampi@us.af.mil](mailto:andrew.isolampi@us.af.mil)

DLA: Eric Kirchner - [eric.kirchner@dla.mil](mailto:eric.kirchner@dla.mil)

# AGENDA

1300-1305:	Welcome from DAU – <a href="#">Shawn Harrison / Emmett Simmons (DAU)</a>
1305-1310:	Opening Remarks – <a href="#">John Shultz (ODASD-MR)</a>
1310-1325:	Aptima- <a href="#">Peter Cinibulk</a>
1325-1340:	Laser Photonics – <a href="#">Bryan Lee &amp; Matt Varrone</a>
1340-1355:	Titan Robotics – <a href="#">Alex Kinger and Andrew Lageman</a>
1355-1410:	Solvus Global – <a href="#">Aaron Birt</a>
1410-1415:	Closing Comments / Survey – <a href="#">John Shultz (ODASD-MR)</a>
1415-1420:	DAU Wrap Up – <a href="#">Shawn Harrison / Emmett Simmons (DAU)</a>

## Technology Forum Admin

- Please keep your mics & phones on **mute** unless you are presenting.
- **Write your questions in “Chat” on Ms Teams. Add a “Q” before your question to assist in identifying it.**
- Use of “Chat” for comments, information sharing, posting links, and contact information is encouraged.
- This is an open forum (**Distro A ONLY**) No sensitive information will be presented. Content cleared for public release will be posted on the JTEG Website and in the COP4ST.







**SOLVUS**  **GLOBAL**

# Thank You!

## DAU

**APTIMA**  
Human-Centered Engineering®

**LASER**  
PHOTONICS

**TITAN**  
ROBOTICS

**SOLVUS** GLOBAL

**CTMA**  
COMMERCIAL TECHNOLOGIES  
FOR MAINTENANCE ACTIVITIES

**NCMS**  
NATIONAL CENTER FOR  
MANUFACTURING SCIENCES

**STEVE McKEE**

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 **Mentimeter**

<https://www.menti.com/alsw2qwx9ns1>

## Next JTEG Technology Forum: 27 August 2024

**JTEG POC List:**

Army: Jared McCallum - [jared.l.mccallum.civ@army.mil](mailto:jared.l.mccallum.civ@army.mil)  
Navy: Meghan Wagner - [meghan.b.wagner2.civ@us.navy.mil](mailto:meghan.b.wagner2.civ@us.navy.mil)  
USMC: Bill Baker - [william.baker@usmc.mil](mailto:william.baker@usmc.mil)  
Air Force: Andrew Isolampi - [andrew.isolampi@us.af.mil](mailto:andrew.isolampi@us.af.mil)  
DLA: Eric Kirchner - [eric.kirchner@dla.mil](mailto:eric.kirchner@dla.mil)



Interested in presenting your technology solution? or have a suggested focus area: Contact [osdas-cop4st@groups.mail.mil](mailto:osdas-cop4st@groups.mail.mil)



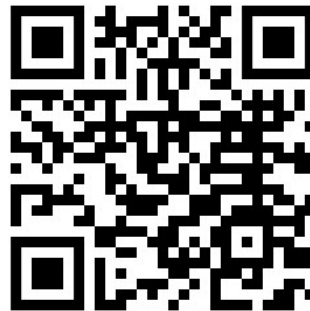
**CTMA  
Connector**

Quarterly  
Newsletter



**Sources  
Sought**

Specific maintenance  
and sustainment  
technology solutions



**JTEG Forums**

Monthly virtual forums  
discussing technology  
topics across the  
services.



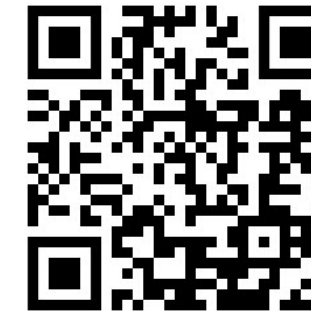
**Tech Showcases  
Demonstrations**

Delivering technology to  
DODs doorstep, showcasing  
technologies to senior  
leadership and artisans.



**Partners  
Meeting**

Real technologies, real  
results, presented and  
discussed at our  
premiere event.



**DEBBIE LILU**

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<https://www.menti.com/alsw2qwx9ns1>

<http://jteg.ncms.org>

Email [osdas-cop4st@groups.mail.mil](mailto:osdas-cop4st@groups.mail.mil) to be added to the JTEG distribution

**SAVE THE DATE** 

**DEPARTMENT OF DEFENSE MAINTENANCE SYMPOSIUM**  
 ADVANCING THE SUSTAINMENT ENTERPRISE FOR GLOBAL COMPETITIVE ADVANTAGES

**DECEMBER 10-13, 2024**  
 SALT PALACE CONVENTION CENTER | SALT LAKE CITY, UT

**SAE.ORG/DOD**






 **OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE**  
 3500 DEFENSE PENTAGON  
 WASHINGTON, DC 20301-3500

SUSTAINMENT

MEMORANDUM FOR SUSTAINMENT EXECUTIVE STEERING COMMITTEE  
 ORGANIC INDUSTRIAL BASE COMMANDERS

SUBJECT: 2024 Maintenance Innovation Challenge – Call for Submissions

I am excited to announce the 2024 Maintenance Innovation Challenge (MIC) call for submissions. The MIC is part of the 2024 Department of Defense (DoD) Maintenance Symposium and serves as the premier exchange of ideas from the greatest maintenance and logistics minds in the country. This competition seeks innovative solutions with potential to improve and integrate DoD sustainment operations in challenging conditions. It provides an outstanding opportunity to identify, highlight, and exploit promising innovations and technology within the sustainment community.

The MIC's objective is to elevate and expand sustainment innovation beyond new technology, to include value-added partnerships, resourcing strategies, business practices, processes, or any other transformative capabilities that make maintenance more agile, effective, and affordable. This annual competition raises awareness across our community to a myriad of new and promising technologies and innovative processes that potentially present the best opportunities to positively impact DoD sustainment. Visit <https://competition.ncms.org/maintenance-innovation-challenge/> to submit packages from August 1 through October 6, 2024.

From the field of submissions, five finalists will be selected, and the overall winner will be determined by a select group of senior DoD logisticians. The five finalists will present their new technologies, processes, or business practices to the audience during a breakout session on Tuesday, December 10, 2024, at the DoD Maintenance Symposium in Salt Lake City, UT. Continuing with tradition, attendees at the MIC breakout session will vote for the MIC People's Choice Award from the finalists based on their live demonstrations and presentations. Winners will be announced and formally recognized at the conclusion of the breakout session. The five finalists will also be provided space to showcase their maintenance innovation on story boards in the co-located Defense Maintenance and Logistics Exhibition. Additionally, all qualifying abstracts and videos will be published in the annual MIC publication.

In an effort to recognize and uncover potential game changing innovations, I am challenging individuals and organizations to submit their innovative capabilities and forward-looking sustainment enablers for the 2024 MIC. As an added incentive, the National Center for Manufacturing Sciences (NCMS) has committed to support the demonstration of the winner's innovation and offered to provide \$50,000 of in-kind support to both the MIC winner and the People's Choice Award winner. NCMS is referenced in this memorandum solely for informational purposes and does not serve as a DoD endorsement.

Please assist me in disseminating this call for MIC submissions and encouraging your communities to submit abstracts. Remember, the firm deadline for MIC submittals is Sunday, October 6, 2024. Additional DoD Maintenance Symposium details are available at: [www.sae.org/dod](http://www.sae.org/dod). My POC is Mr. John Shultz, (703) 571-2356, [john.h.shultz6.civ@mail.mil](mailto:john.h.shultz6.civ@mail.mil).

Visit <https://competition.ncms.org/maintenance-innovation-challenge/> to submit packages from August 1 through October 6, 2024.

**Innovation and Technology Projects**

**OBJECTIVE:** Provide quick snapshots of new innovative technologies that are designed to benefit maintainers, followed by an open dialogue with the audience about what types of additional technologies should be explored in the future.

**No Fault Found: Chasing Intermittence**

**OBJECTIVE:** Illuminate the Department's no fault found (NFF) difficulties and highlight the challenges of developing decisive solutions. Dig into the discrete actions necessary to help maintainers find common, standardized approaches to this complex problem. Showcase available NFF test equipment and facilitate discussions on expanding their usage.

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<https://www.menti.com/alsw2qwx9ns1>

**DoD POCs:**  
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 Chuck Field: [charles.e.field4.ctr@mail.mil](mailto:charles.e.field4.ctr@mail.mil)

**SAE POCs:**  
 Jeremy VanDomelen: [jeremy.vandomelen@sae.org](mailto:jeremy.vandomelen@sae.org)  
 Eddie Pail (Exhibit Hall): [eddie.pail@sae.org](mailto:eddie.pail@sae.org)



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