



Joint Technology Exchange Group (JTEG) Virtual Technology Forum

Date: January 28, 2025

Time: 1300 to 1500 Eastern

Purpose: Watch demonstrations/presentations from the 2024 Maintenance Innovation Challenge (MIC) Finalists.

Senior Leaders' Winner



MARINE DEPOT MAINTENANCE COMMAND
 ENHANCING FIELD REPAIR CAPABILITIES
 THROUGH MIXED REALITY

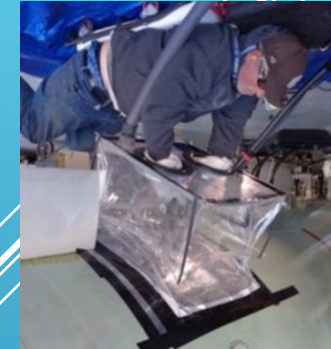
<https://www.youtube.com/watch?v=p571DpY0KY0>



People's Choice Winner

On Aircraft Cold Spray FRC SW

<https://drive.google.com/file/d/1fzDN7f0fqrN9bwK57MyVz-GG5GiUGnMu/view?usp=sharing>



Expeditionary Cold Spray

NAVSEA

<https://youtu.be/bJWREb3k6Ww>



XtruJog Fairmount Technologies, LLC.

<https://youtu.be/V-4dcLmWd3U>



Repair Technology Exercise

NAVSEA

<https://www.youtube.com/watch?feature=shared&v=yc0hj4tt6lo>

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

To be added to the JTEG distribution list, please contact osdas-cop4st@groups.mail.mil

Control + Click here to join the meeting

Or call in (audio only)
+1 410-874-6749,,342401103#

Maintenance Innovation Challenge (MIC)

Mr. Steve McKee

*Director, Enterprise Maintenance Technologies,
Office of the Deputy Assistant Secretary of Defense
for Materiel Readiness*

MIC Purpose

- ***Raise the awareness of the maintenance community to available technologies, best business practices, and innovative processes***
- ***Engage senior maintenance leaders in the assessment and prioritization of promising innovation to deliver agile and affordable maintenance capability***



MIC Submission Process

- ***Submission Requirements:***

- ✓ ***300-500 word Abstract***
- ✓ ***Demonstration Video < or = 3 minutes***

- ***77 Innovations submitted from DoD, industry, and academia***

- ***JTEG Principals selected five finalists***

- ***Two winners selected (Senior Leaders & Audience)***

- ***Online MIC Submissions Booklet -***

<https://online.flippingbook.com/view/590872216/>

2024 MIC Finalists

- ***Enhancing Field Repair Capabilities through Mixed Reality***
Presented by Eric Gilmer, MDMC (Overall Winner)
- ***On-Aircraft Cold Spray to Optimize Maint & Reduce Logistics***
Presented by Matt Chu, FRCSW (Peoples' Choice Winner)
- ***XtruJog: Tooling-Free CNC Machines***
Presented by Vis Madhavan & Charlie Harder, Fairmount Technologies, LLC.
- ***Repair Technology Exercise***
Presented by Matt VanRavenhorst, NAVSEA 05T
- ***Expeditionary Cold Spray***
Presented by Dan Stanley, NAVSEA 05T - NESAR