Joint Services Wiring Action Group (JSWAG)

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Spring 2026 Edition

JSWAG Newsletter

JSWAG Website

JSWAGESC@army.mil

Announcements

JSWAG Conference
December 8-11, 2026
Ft. Lauderdale, FL
DOD Maintenance Symposium

More Information on website
JSWAG Commercial Website

Resources

2025 JSWAG Conference Main Room Briefs: Here

2025 JSWAG Conference Fiber Room Briefs: Here

Government Computers May Block Content

Contact us at:

JSWAGESC@army.mil

Avionics and Electrical Maintainers

We are looking for current Avionics and Electrical Maintainers, Maintenance Officers, Sections Chiefs, etc. that are willing to attend or possibly brief at our next event in December 2026. If you consistently see electrical issues on your pieces of equipment, we would like you to attend to increase your knowledge base on wiring issues and to provide information to help you reduce those issues.

2025 JSWAG Conference
19-23 January 2026
Phoenix, AZ

The Phoenix Pivot: Resilience in Action

When a government shutdown threatened the original Louisville venue, the JSWAG mission didn't falter—it adapted. With a rapid shift to Phoenix, AZ, the conference not only stayed on track but thrived. The result? The 2025 DoW Maintenance Symposium shattered expectations by recording its second-highest attendance to date, proving that our commitment to technical excellence remains unshakable regardless of administrative headwinds.

Main Room Deep Dives: Wiring as a System

The conference floor crackled with energy as experts moved beyond individual components to address Wiring as a System. Over three intensive days, the main session provided a comprehensive technical roadmap for maintaining our edge.

The group covered topics like Automatic Wire Test Sets, Intermittent Wiring Faults, Electrical Wiring Integration Systems (EWIS), Kapton Wiring Awareness, Updates to the Installation and Repair Practices tri service manual, and many more.

Access the complete repository of technical briefs here: JSWAG Main Briefs

JFOWG: Scaling Fiber Optic Excellence 🌐

The Joint Fiber Optic Working Group (JFOWG) committee leveraged their time in Phoenix to forge stronger bonds between the Services, industry titans, and academic researchers.
With a rapidly expanding roster of committee members and members-at-large, the JFOWG is quickly becoming the definitive authority for fiber optic issues across the enterprise.

Access the fiber optic technical session data here: JFOWG Briefs

Hands-On Readiness: The Warfighter Training Rooms

Continuing the momentum from their 2024 debut, the Training Rooms have become a cornerstone of the JSWAG experience. By pairing warfighters with industry partners, we are closing the knowledge gap on existing equipment. This isn't just theory—it's practical instruction that warfighters take back to the line to immediately impact the mission by helping to reduce equipment downtimes and unscheduled maintenance.

Explore the training curriculum and briefs here: Training Room Briefs

JSWAG Executive Steering Committee (ESC) Meeting
6-10 April 2026
Byron, GA

💡 **Strategic Focus: Combating Intermittent Wiring Faults**

BLUF (Bottom Line Up Front): The JSWAG Executive Steering Committee (ESC) recently convened in Byron, GA to develop actionable strategies targeting the $10B annual cost and 470,000 days of lost equipment availability caused by intermittent wiring faults.

Changing the Paradigm: Digging Deeper 🔍

To address faults on this massive scale, the ESC is breaking down the overarching problem into targeted, manageable categories. The group is forcing a deeper look into wiring issues across all DoW equipment by asking questions about how we operate:

What if 50% of our wiring issues are rooted in our daily culture, business practices, and procedures?

Do our current fault-processing procedures directly lead to a high volume of No Evidence of Failure Found (NEOFF) results on electrical boxes?

Is there a lack of training causing increased errors in troubleshooting and documentation?

Looking Ahead: JSWAG Conference 2026 🖩

While we understand that no hardware lasts forever, mastering the steps to extend the lifecycle of our equipment is non-negotiable to ensure we remain ready to always defend this great nation.

In an effort to educate the workforce and drive enterprise-wide solutions, JSWAG will dive deep into these systemic issues at our next major event.

2026 JSWAG Conference
8-11 December 2026
Ft. Lauderdale, FL

Wiring constitutes the largest integrated system on nearly every platform in the DoW inventory. Consequently, it carries the highest potential for mission-degrading failures—challenges that are most often driven by improper maintenance techniques, weather, corrosion, or even training deficiencies.

By allowing your maintainers to attend, you will directly contribute to our mission of reversing these trends and keeping our platforms in the fight.