

# FACT SHEET

[www.cwid.js.mil](http://www.cwid.js.mil)



## Coalition Warrior Interoperability Demonstration

CONTACT CWID Joint Management Office Public Affairs at 757-225-2172 or [CWIDPA@langley.af.mil](mailto:CWIDPA@langley.af.mil)  
2101 Executive Drive, Hampton, Virginia 23666

## CWID 2010 PARTICIPANTS

*Technologies demonstrating in the 2010 Coalition Warrior Interoperability Demonstration (CWID) provide multiple potential solutions for warfighters, Homeland Security/Homeland Defense forces, or first responders.*

- **Trial \*1.08 - TacView** is a compact, rugged, Windows XP tablet PC for use in all flight conditions and high workload environments to ensure flight deck crews receive real time information in the cockpit. The design is easily installed in cockpits, and uses standard interfaces to gather data without modifying existing systems.
- **Trial 1.13 - Portable Systems Interconnect Communications (PSI)** technology provides secure peer to peer interoperable communications in remote areas without infrastructure or service. PSI can be operational within 15 minutes to assist multiple agencies across jurisdictions. The PSI emergency phone systems were used during Hurricane Katrina, and currently by the Haiti government.
- **Trial 1.14 - Joint Mission Planning Software (JMPS) Virtual User Environment (VUE)** provides information access across multiple networks at different classification levels from a single workstation. JMPS VUE supports Mission Planning Environment (MPE), which includes the capability to load specific aircraft Data Transfer Devices within a Virtual Machine.
- **Trial 1.25 - VICOM** provides an interoperable communications system by establishing an IP address for radios and connecting them to existing DoD networks.
- **Trial 1.26 - Future Surface Combatant (FSC)** program will help define the next generation of US Navy surface warships. FSC plans to combine advanced technologies to aid the future warfighter.
- **Trial 1.27 - Aerostat for Communications and Surveillance in Disasters and Wartime (Aerostat)** provides continuous operations across multiple application spectrums for users, including first responders or DOD warfighters.
- **Trial 1.28 - TRANSLI's Machine Translation** system offers 75 language translations including Western and Eastern Europe, the Middle East, Africa and Asia.
- **Trial 1.41 - Ballistic Missile Defense (BMD) - Flex** builds an air picture through interfaces with a variety of systems and data links to provide situational awareness for warfighters. BMD-Flex uses advanced 3D display tools and user-definable rules to reduce operator workload.
- **Trial 1.45 - The Common Ground JCTD** provides an architectural foundation allowing commonly understood information to be discoverable, accessible and interoperable.

- **Trial 1.46** - The **Joint Airborne Network Control (JANC)** system supports the design of theater networks, and ensures mission specific communications are supported in real time. JANC plans to demonstrate interoperability between military and civil authorities.
- **Trial 2.02** - **Inter Domain Services Manager (IDSM)** links unique systems together as one unit to eliminate barriers encountered by warfighters in fragmented technology environments.
- **Trial 2.09** - **ITAFCCIS (SICCAM) - NECIC (Italian Air Force Command and Control Information System Network Enable Capable Information Centric)** is a system which allows warfighters and first responders to communicate seamlessly with technologies.
- **Trial 2.15** - **Coalition Portal for Situational-Awareness (C-PORTS)** is a Web-based, situational awareness portal, providing integrated components for data and services. C-PORTS simplifies the exploitation of different forms of geo-referenced information to support situational awareness and the decision-making process.
- **Trial 2.21** - **Overhead Persistent Infrared Net Centric Demonstration System (OPIR NCDS)** is a modernized, net-centric portable system that can supply forward users, unanticipated users, and coalition users with OPIR XML data.
- **Trial 2.23** - **Digital Dashboard** provides a unique view of system health for the operator, system administrator and technical support. The Dashboard's color coded indicators pinpoint problems, and guide the user with corrective actions when possible. Detailed information is collected and communicated back to the help desk or system manager.
- **Trial 2.36** - **Collaborative Alert and Respond System (CARS)** enhances the exchange of information between first responder communities and leadership. This provides near real-time direction to deployed first responders, particularly diverse first responder user communities operating during spontaneous terrorism or natural disasters that cause population panics.
- **Trial 2.47** - **Coalition Warrior Information Portal (CWIP)** provides information sharing and situational awareness in low bandwidth communications environments.
- **Trial 2.50** - **GeoMedia Motion Video Analyst Professional (GMVA Pro)** manages large volumes of motion video data across a network. Personnel can access video collection, processing, archival, management, analysis and disseminate as needed.
- **Trial 2.51** - The **IAVAssure** software application is a utility that checks the Information Assurance Vulnerability Management (IAVM) status of Program of Record (POR) systems. IAVAssure assesses current IAVM status, installs POR approved patch updates and provides up-to-date status reports for IAVM Program Managers.

- **Trial 3.01 - Service-oriented infrastructure for MARitime Traffic tracking (SMART)** evolved from the V-RMTC (Virtual-Regional Maritime Traffic Centre) system, which allows multiple partners to share information on Maritime Situational Awareness (MSA) technology systems. The Italian Navy (ITN) plans to show SMART can interoperate with Maritime Domain Awareness (MDA) technology systems to assist Coalition Navies.
- **Trial 3.04 - Advanced Space InfraRed (ASIR)** provides data relevant to operational and tactical levels, impacting activities ranging from mission planning to completion and assessment of the executed tasks.
- **Trial 3.12 - Space Situational Awareness (SSA)** fuses satellite location and time with sensors capability to provide a satellite over-flight report. SSA provides Commanders an operational picture for mission planning to avoid, potentially deceive, or identify assets.
- **Trial 3.16 - Tactical Data Analysis and Connectivity System (TDACS)** provides data exchange capabilities that allow warfighters to manage and monitor the entire architecture. TDACS uses commercial-off-the-shelf-software (COTS) with applications that monitor all aspects of data link and network operation such as routing, protocol conversion, data filtering and manipulation that support tactical data networks analysis.
- **Trial 3.37 - Finnish Navy Sea Surveillance System (MEVAT)** is a fielded Multi-Sensor Data Fusion system that compiles and disseminates a recognized maritime picture for Finnish Defense Forces and appropriate authorities. MEVAT provides the operator with a clear and coherent real-time presentation of vessel movements and interaction on any area of interest.
- **Trial 3.40 - Agile Client in Global Command and Control System – Joint (Agile Client-GCCS-J)** offers the warfighter an updated interface for mission awareness with a 3-D capability, and an easy deployment method for administrators. Agile Client can operate in disconnected or disadvantaged environments. Warfighters are currently using the technology for Haiti relief efforts.
- **Trial 4.31 - Joint Asset Management Integrated Support System - Automated Armory (JAMISS-AA)** aids personnel with asset tracking and maintenance management. JAMISS-AA was designed for bandwidth-challenged or disconnected environments and integrates applications from authoritative data sources.
- **Trial 4.32 - Next Generation Wireless Communications (NGWC)** for Logistics Applications is an advanced wireless mesh capability for global logistics visibility that supports today's tactical and strategic logisticians. NGWC operates in unimproved locations and does not require fixed ground infrastructure.
- **Trial 5.35 - ID Military Application Security Services (ID MASS P235)** system is an encrypted real-time Blue Force Tracking (BFT) asset monitoring solution. ID MASS P235 provides Beyond Line of Site Situational Awareness for dismounted troops and

First Responders. This technology assists field commanders or first responders through localized monitoring and tracking for search and rescue, reconnaissance or during domestic emergencies.

■ **Trial 5.38 - TerreStar** combines satellite and cellular technologies into a single mobile smartphone to provide US and Canada users with communications when cellular networks are congested, destroyed or unavailable in remote areas. TerreStar provides communication during disasters to improve situational awareness between command authorities and users.

■ **Trial 6.07 - DUSK Wave** protects and controls USB mobile devices on virtual machines. Enhanced tracking and audit capabilities are supported by the log recording, email alerts and shadow copy / backup copy functions.

■ **Trial 6.11 - Information Assurance Platform (IAP)** analyzes the flow of critical information between coalition partners. IAP, which is solely transmitted through cleared communications channels, ensures that sensitive information only reaches approved parties.

■ **Trial 6.33 - Cross Domain Assured Information Sharing (CD-AIS)** manages protected documents from authoring to final disposition. CD-AIS assigns attributes to data so knowledge workers can quickly create essential information for decision-making applications.

■ **Trial 6.42 - BlueSpace Multi-Level Secure Command and Control (MLSC2)** consolidates multiple ground and air data feed tracks into a unified operational picture (UOP) spanning coalition partners, while preserving the security of national networks.

■ **Trial 7.49 - The Unisys Stealth Solution for Network (Stealth)** uses revolutionary bit-splitting technology to unite multiple networks and create communities of interest (COIs) that can co-exist on a single network infrastructure.

*\*Trial numbers are based on the CWID Objective each technology plans to demonstrate in June.*

(CURRENT AS OF March 2010)