

FACT SHEET

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Coalition Warrior Interoperability Demonstration

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HOMELAND SECURITY/HOMELAND DEFENSE PARTICIPANTS IN CWID

U.S. Northern Command (USNORTHCOM) is the lead agency for HS/HD and Defense Support of Civil Authorities (DSCA) for the Coalition Warrior Interoperability Demonstration (CWID) program. CWID works to improve information sharing among interagency partners, develop collaborative tools, improve situational awareness, and assess communications to support first responder efforts.

■ **Cross Domain Collaborative Information Environment (CDCIE)** a 2009 Top Performing Technology emerged from United States Joint Forces Command (USJFCOM) Joint Experimentation as an FY08 Joint Capability Technology Demonstration (JCTD). Enables joint forces to share information in the form of chat (with language translation interface between DoD and non-DoD networks of various security classifications with coalition partners, other government agencies, and Non Governmental Organizations (NGO). Technology spinoffs are being employed in United States Central Command (USCENTCOM), United States Pacific Command (USPACOM), and United States Northern Command (USNORTHCOM). Operational Utility Assessment (OUA) was conducted in conjunction with CWID 2009, Trident Warrior 09 and Enterprise Challenge 09; the final OUA report reflecting demonstrated operational utility with minimal risk indicated is awaiting USJFCOM endorsement. The JCTD has commenced transition to Defense Information Systems Agency (DISA) programs of record (PORs) (Program Executive Officer-GIG Enterprise Services, Program Management Office-Net Centric Enterprise Services and Program Executive Officer-Mission Assurance Program Management Office Information Assurance 32) that is expected to be completed by mid-FY10. (2009 IT 1.55) Updated 1QFY10

■ **Coalition Incident Response COP (CIR - COP)** is a supported proof of concept for the National Guard geospatial capability requirements within its JIEE, to aid Homeland Defense / Civil Support (HD/CS) operations. This trial supported and tested the concept of an incident- or event-based National Guard Common Operational Picture. Version 4.2, released in September of 2008, delivered a similar Common Operating Picture capability by adding robust Geospatial functionality that allows for visualization of events and related missions, assets and other operational information. (2006 IT 1.48) Updated Prior to 2008

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- **The ReadyResponders Network™ (RRN)** is a collaborative information sharing portal hosted freely by World Cares Center, a nonprofit dedicated to empowering local communities to take proactive and effective action during times of disaster. World Cares Center (WCC) works within communities to foster sustainable, locally lead preparedness, response and recovery efforts. With a continuously growing network WCC is continuing to support grassroots organizations in Haiti to improve locally lead recovery initiatives. Their RRN tool aids personnel to organize food and medication delivery, improve communication between local leaders and the UN, provide logistics support for other international organizations, and coordinating healthcare volunteers assistance. (2009 IT 5.20) Updated 2QFY10

- **Enhanced Mobile Incident Command Post (eMICP)** has become a standard vehicle in United States Coast Guard (USCG) Area Commander's inventory at the USCG Communication Assistance Master Stations (CAMS) for contingency response. Based on lessons learned from the production prototype, the second eMICP is currently in production and scheduled to be delivered October 2009. eMICP-1 became Fully Mission Capable (FMC) during September 2008 in support of the Republican National Convention. Since CWID 08, eMICP has provided multi-agency command & control capability for Hurricane Ike, a Super Bowl and the Presidential Inauguration. (2008 IT 5.18) Updated 1QFY10

- **RIOS Incident Site Communications Capability (RISCC)** was a 2008 Most Promising Technology. This system provides warfighter friendly interoperability between disparate radios, cell phones, Satellite Phones, VoIP phones, Video, and laptop voice and data over various reach-back solutions such as SATCOM, EVDO (Evolution Data Only), and BGAN (Broadband Global Area Network). The system has been deployed by Department of Homeland Security (DHS) at the 2008 Republican and Democratic National Conventions, and with the Joint Task Force Headquarters (8 systems) during the 2009 Presidential Inauguration. The Drug Enforcement Agency and Federal Protection Service have contracted to deploy RIOS interoperability networks. The U.S. Technical Support Working Group (TSWG) has contracted to develop and deploy RIOS with the National Guard, Virginia State Police and the Virginia Department of Emergency Management to connect Federal and State agencies into Virginia's RIOS Communications Link (COMLINC) network of 911 centers. RIOS is currently undergoing testing with SOCOM and the Joint Communications Support Element. (2008 IT 1.62) Updated 1QFY10

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■ **Intelligent Road/Rail Information Server (IRRIS)** is a US Army Program Of Record, government owned, and expanded utility to U.S. Transportation Command. Currently in use by the Federal Emergency Management Agency's (FEMA's) for participation in the Top Officials (TOPOFF) series of terrorism preparedness exercises. IRRIS was used at the National Response Coordination Center (NRCC) to view simulated disaster outcomes as well as track FEMA's mobile disaster recovery vehicles. Data for the exercise was coordinated through FEMA's GIS Solutions Branch within the Office of the Chief Information Officer, responsible for the overall mapping support for the NRCC. The use of IRRIS helped FEMA decision makers visualize and comprehend activities taking place in response to the disaster scenario. (2006 IT 3.16) Updated Prior to 2008

■ **Wide Area Interoperability System (WAIS & ACU 1000)** is available on the GSA schedule. Department of Homeland Security (DHS), FEMA and USCG has purchased the technology as core of Mobile Disaster Vehicles communications suite. (2006 IT 4.03) Updated Prior to 2008

■ **Tactical Emergency Asset Management System (T.E.A.M.)** a Most Promising Technology in 2007 and a USNORTHCOM sponsored technology. The state of Alabama, through the Alabama Department of Homeland Security, has fielded a fleet of eight T.E.A.M. systems. The Alabama Department of Public Health purchased and deployed a system in 2008. The Alabama Department of Public Safety (State Patrol) has installed the same communications capabilities in their 40 ft. Mobile Operations Center (MOC). Two systems continue to be used as surrogate Army Future Combat System communications systems to test next-generation Army communications at White Sands, New Mexico. A number of other states are attempting to fund the purchase of these systems, including Indiana, Michigan and Florida. The T.E.A.M. system has been deployed in response to several local and state emergency/disaster situations, including the 2008 Enterprise, Alabama tornado, 2008 hurricanes in Louisiana and Mississippi, and the January, 2009 ice storms in Kentucky. The system has also participated in a border security exercise along the U.S./Mexican border, participated in a U.S. Department of Homeland Security Counter-Person-borne IED experiment, and multiple state and local emergency response and communications exercises. (2007 IT 6.04) Updated 1QFY10

■ **ARINC Wireless Interoperability Solution (AWINS)** has supported Maryland State government in hurricane Katrina relief effort and fielded as primary communications integration system employed by the Maryland Transit Administration Emergency Response Vehicles (2005 IT 3.68) Updated Prior to 2008

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- **Incident Commander's Radio Interface (ICRI)** was a 2005 Outstanding Trial. NORAD-USNORTHCOM and civil law enforcement activities purchased technology in support of Homeland Security/Homeland Defense (HS/HD); U.S. Marine Corps installed in Rapid Response Vehicles to interface with civil authorities for crisis response; used effectively following hurricane Katrina; 2008 limited fielding with the U.S. Navy Small Boat Division. ICRI and accessories are available for purchase under GSA contract. Selected and deployed with all fifty-five National Guard Civil Support Teams and a host of other coalition and HS/HD organizations. The General Services Administration, Federal Supply Service, recently awarded C-AT Contract Number GS-07F-0653N, under schedule number 084, Service Identification Number (SIN) 426 99. (2005 IT 4.88) Updated 1QFY10

- **Instaknow Active Collaboration Engine (ACE)** was contracted, in June 2006, to provide the Louisiana State Police with its Active Collaboration Engine software to integrate data. It was deployed by USAF to build program management real time dashboards. They were awarded Phase I SBIR grant by US Navy Office of Naval Research in 2006 to build solutions that enable rapid insertion of innovative and advanced C2 and Combat System technologies into the complex open-architecture framework of existing combat systems for naval tactical and surveillance operations. (2005 IT 4.16) Updated Prior to 2008

- **High Power X-Band Satellite Communications (XTAR)** its high power X-band satellites offer expanded communications interoperability. DISA has awarded two separate Defense Information Services Network Satellite Telecommunications Services- Global (DSTS-G) efforts to XTAR for satellite coverage. The 2008 participation on the HS/HD domain allowed DISA to certify the XTAR for current military operations. (2008 IT 1.53) Updated 1QFY10

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(CURRENT AS OF February 2010)