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U.S. Army Approaches Deployment of EchoStorm Technology

MDAR™ To Provide Mobile Situation Awareness on Demand

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Suffolk, Va. - One of EchoStorm's latest technologies, MDAR (Mobile Data Archive and Retrieval), recently moved closer to deployment after successful testing at the U.S. Army's National Training Center in Ft. Irwin, Ca.

The tests at Ft. Irwin are significant in that they provide tough, realistic, contemporary operating environments for training U.S. military personnel for current and future conflicts. MDAR is a video and data management tool that will provide soldiers and Army tactical operations centers new mobility in processing data and high-resolution situation awareness video on demand.

During testing, MDAR proved that its video archive and retrieval capability was more than ready to support the Shadow® tactical unmanned aircraft system (UAS) system. "One MDAR was installed in a Shadow ground control station and used during live flights of the Shadows," said Clark Kreston, EchoStorm's program manager for the MDAR project. "The second MDAR was used as a back-up unit to evaluate different system configurations."

He added that deployed Army units should be using MDAR by this summer.



The mobile device was custom-designed to fit the Shadow ground control station and withstand the harshest of weather. "MDAR is intuitive, input-friendly technology compatible with a wide variety of network formats," Kreston said. "It will give soldiers in the field instant, searchable access to up to 30 days of archived and full-motion video from Shadow UAS."

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Users will have an improved ability to share and extract intelligence from the video using many features - including pausing or rewinding archive video, creating snapshots of live video, tagging video for later retrieval, and easily reviewing previous videos of target locations.

EchoStorm Worldwide LLC is the global leader in innovative video and data management technology for military, government, and commercial applications. A subsidiary of Earl Industries LLC, EchoStorm is headquartered in Suffolk, Va. EchoStorm provides a suite of secure, net-centric technology that enables users to capture, manage, and disseminate images, data, and full-motion video in near real time as well as address the common issues involved with system interoperability and bandwidth. For more information about EchoStorm, visit www.echostorm.net.

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