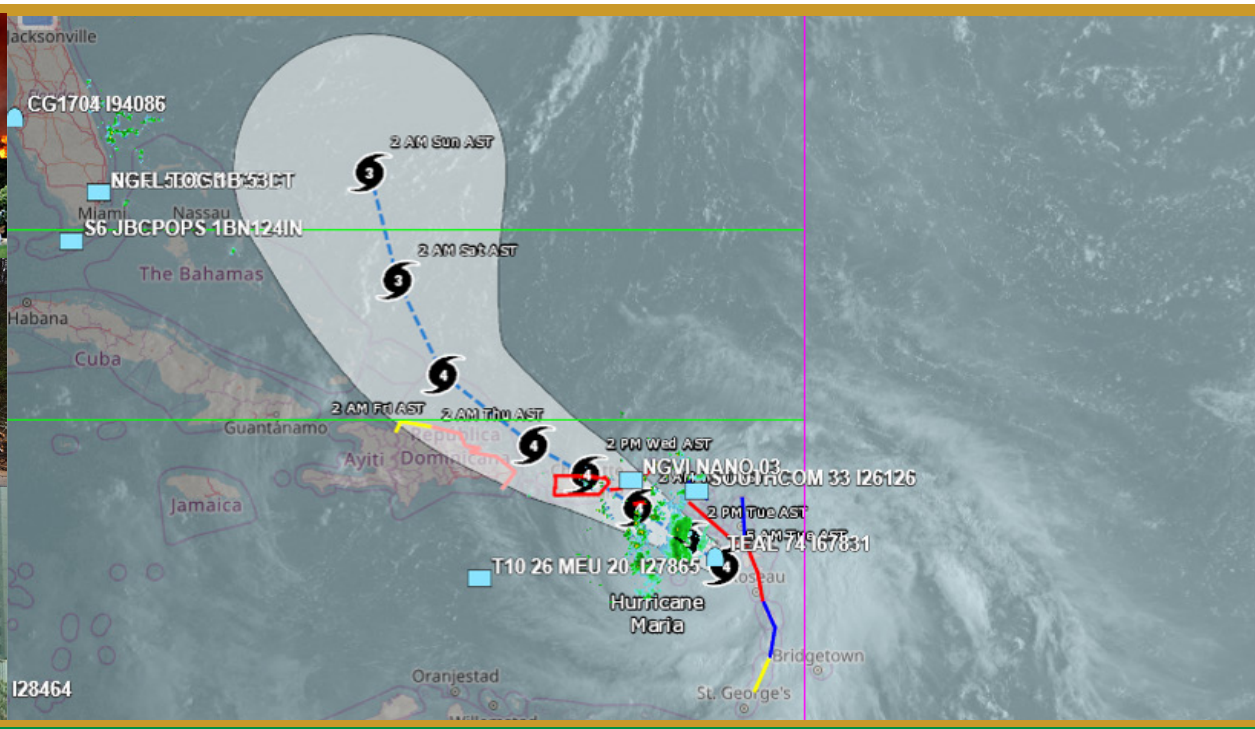
DOMESTIC OPERATIONS AWARENESS AND ASSESSMENT RESPONSE TOOL (DAART)



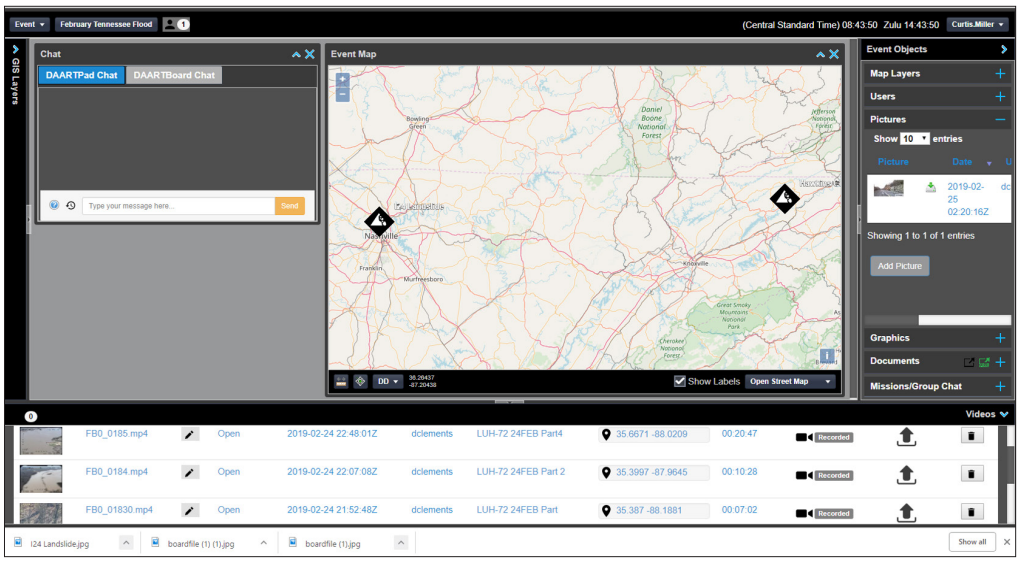
Providing imagery, video and collaboration capabilities to and from the Incident Awareness and Assessment community

The DAART system was developed by the U.S. Army Space and Missile Defense Command, Future Warfare Center for the National Guard Bureau in support of multiple mission areas including supporting local civil authorities. The Incident Awareness and Assessment information processed by the DAART system is used to assist authorities in responding to disasters for the purpose of saving lives, mitigating suffering, minimizing serious property damage, and protecting vital infrastructure. Resulting in a cumulative effect of expanding collaboration, providing greater access and distribution of the information, and promoting user focus on analysis and operations versus mere viewing of the information. The system is in daily use by NGB forces for many national and local events, including natural disasters. DAART has also been used for more than 70 percent of the national special security events since February 2016, including the funeral for the 41st President George H. W. Bush, the 2017 presidential inauguration, and Super Bowls 50 and 53. Locally and more recently, the Tennessee National Guard used DAART in response to flooding Feb. 24-25, 2019 to provide improved situational awareness.

OPERATIONAL APPROACH

- Simultaneous input and display from and to all participants
- Combines Shared Situational Awareness with Incident Awareness and Assessment and Geographic Information System mission capabilities
- Usable at all levels of government from federal to local and territorial
- Approved for use across unclassified networks (Department of Defense and commercial)
- Modern web-based architecture
- Centrally hosted URL access for users
- Government-owned, non-propriety solution

DAART



Like most nations, the United States has numerous natural and man-made disasters every year. From wildfires to floods, hurricanes, earthquakes and tornadoes, these natural disasters present unique challenges to local first responders and emergency managers. Due to the large scale and complex nature of these disasters, the military first responders in each state, known as the National Guard, are often requested to provide humanitarian assistance and disaster relief to the affected areas.

This is one of the most important responsibilities of the U.S. military. A key enabler is the incident awareness and assessment mission, which leverages traditional intelligence, surveillance and reconnaissance capabilities in support of domestic operations while assuring strict adherence to all applicable legal frameworks.

The National Guard Bureau came to the U.S. Army Space and Missile Defense Command requesting support in the design, integration and deployment of a tool that collects and distributes various types of incident awareness and assessment information for both military and civilian decision makers and first responders.

The DAART system is the result of that collaborative effort. DAART, which is fielded to all 54 states and territories, exposes and distributes critical information related to a supported disaster, providing services for all levels of participation encompassing federal to local and territorial organizations. The integration of the DAART system with other command-developed tools such as the Defense Support of Civil Authorities Dashboard and Eagle Vision Rover Responsive Exploitation of Space products for Tactical use enables the tasking, acquisition, processing, assessment, and dissemination capability.

These capabilities provide critical information to the appropriate organizations within an affected area to assist authorities in planning, coordinating and/or responding to events for the purpose of saving lives, mitigating suffering, minimizing serious property damage and protecting infrastructure. These services include:

- Full Motion Video, Still Photography, Space Imagery
- Chat (Event/Private)
- Mission Tracking
- SPOTREP Development
- Geographic Information System Data Ingest
- Auto Briefing Generation
- Secure Environment
- NORTHCOM Data Interoperability
- Numerous data formats ingested
- Training; Helpdesk Support
- Incident Awareness and Assessment Asset Shared Situational Awareness
- Smart Tracks
- Collaboration Tools
- Banner/Audio Alerts
- Friendly Forces Locations
- Infrastructure Data
- iPhone/iPad/Android Native Apps
- File/Document Storage

For more information, please contact:
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