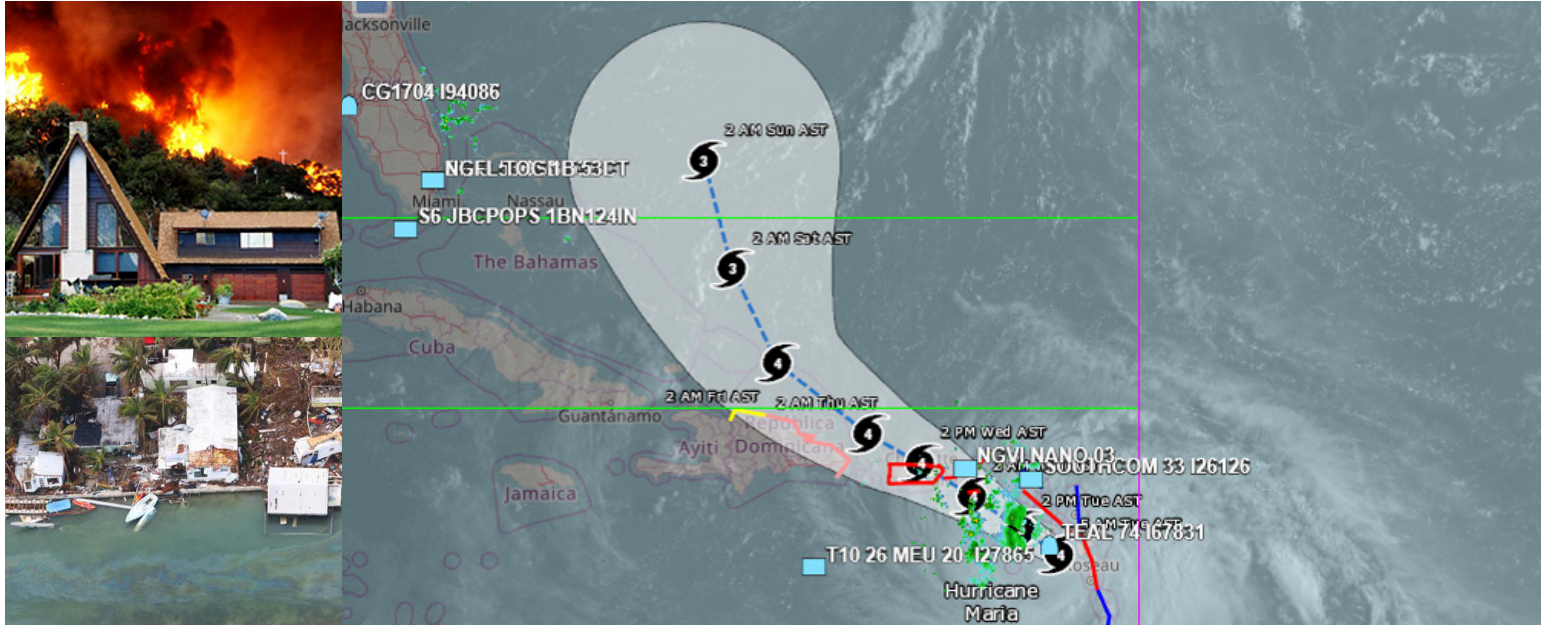


# DOMESTIC OPERATIONS AWARENESS AND ASSESSMENT RESPONSE TOOL (DAART)

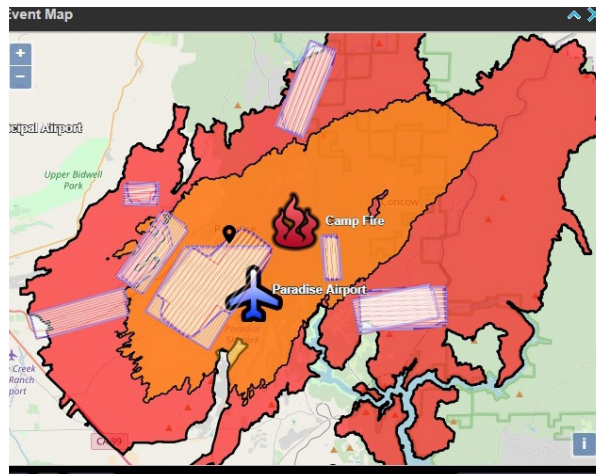


*Providing mission execution reporting, geospatial, imagery, video and collaboration capabilities to and from the operational and incident awareness and assessment communities within both the Department of Defense and Interagency.*

## The DAART capability

**was** developed by the U.S. Army Space and Missile Defense Command, Space and Missile Defense Center of Excellence, Prototyping and Experimentation Branch for the National Guard Bureau in support of multiple mission areas including supporting local civil authorities.

The incident awareness and assessment information processed by DAART 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.



- 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 with centrally hosted URL access for users
- Government-owned, non-proprietary solution

Like most nations, the United States has to respond to 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.

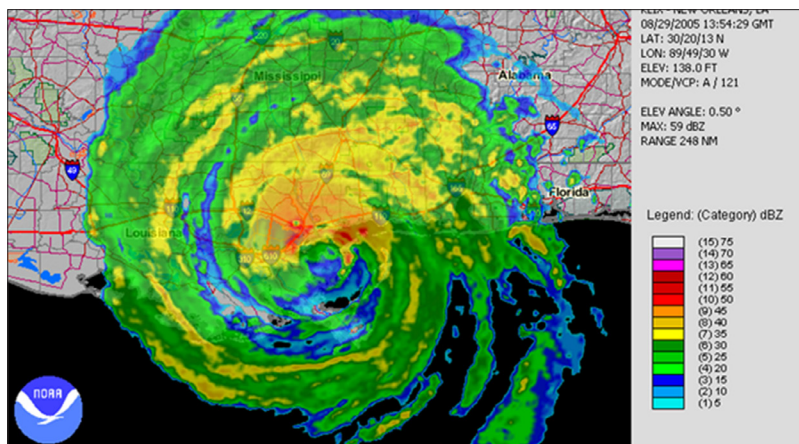
Due to the large scale and complex nature of these disasters, the military first responders in each state, known as the National Guard, are often requested to provide humanitarian assistance and disaster relief to the affected areas.

This is one of the most important responsibilities of the U.S. military. A key enabler is the incident awareness and assessment mission, which is the processing, analysis and dissemination of information collected or acquired through the authorized use of intelligence, surveillance and reconnaissance, and other intelligence, intelligence-related, and/or non-intelligence capabilities, during defense support of civil authorities and National Guard domestic operations. (JP 3-28)

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 capability is the result of that collaborative effort. DAART is a cloud-based, intuitive, interactive, web service developed by and sustained by the National Guard Bureau J-2 and the U.S. Army Space and Missile Defense Command's Space and Missile Defense Center of Excellence to provide joint, interagency, intergovernmental and multinational end users at federal, state, local and tribal levels a tool kit for planning, coordination and execution of activities supporting defense support of civil authorities, National Guard civil support and steady state operations on the end user's desktop, laptop, tablet and mobile device.

It is available 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 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. The key factor is to be able to share information seamlessly between DOD, interagency partners, and civilian leadership in a rapid manner that makes the data relevant to mission execution. Also, DAART was designed to use within the constructs of existing concept of operations.

#### FUNCTIONALITY OFFERED:

- 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
- Supports an initial capability of an augmented reality view of battle



For more information, please contact: USASMDC Public Affairs Office

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