



News Release

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FOR IMMEDIATE RELEASE

D2D Technologies to supply public television stations with equipment to support Wireless Emergency Alert System

Jacksonville, FL – September 5, 2019 – D2D Technologies today announced that the company was selected by the Public Broadcasting Service (PBS) as their vendor partner to supply a customized solution to all public television stations for the insertion and broadcast of emergency message data that complies with upcoming FCC mandated changes to the Wireless Emergency Alert (WEA) system.

The nationwide PBS WARN system provides a resilient and reliable broadcast-based message path that ensures delivery of all Wireless Emergency Alerts and is the largest public safety program currently undertaken by PBS. PBS WARN's role in improving the overall resilience and cybersecurity of the WEA system have been noted by the Federal Communications Commission (FCC) in their Communications Security, Reliability, and Interoperability Council (CSRIC)'s most recent report on "Comprehensive Re-Imagining of Emergency Alerting." The CSRIC noted the PBS WARN program is "well positioned to provide an immediate alternate source of inbound WEA messages" for cellular carriers who have opted to deliver wireless emergency alerts to their customers¹.

The updated solution supplied by D2D Technologies will support PBS' ongoing participation in the Wireless Emergency Alert system, with capability to process the essential new alert options required by the FCC, including: increased message length of up to 360 characters; embedded clickable hyperlinks; new "blue alerts" to notify the public of threats to law enforcement; and greater geographical accuracy of all alerts. The equipment comes with five years of support and warranty services, which will ensure that stations continue to provide this public service for the foreseeable future.

Dana Golub, Vice President of Programs Management for PBS and Executive Director of the PBS WARN program notes, "Public safety is mission-critical for public television and identifying the right solution to complete such an important update to the Wireless Emergency Alert system is a meaningful step."

¹ <https://www.fcc.gov/files/csric6wg29junereportcomppdf>

“America’s Public Television Stations look forward to working with PBS and D2D Technologies to enhance and enlarge our public safety mission,” said Patrick Butler, APTS president and CEO. “We are doing more every day in emergency communications at the national, state and local levels, and this new generation of technology will make it possible for us to perform this mission even more reliably and comprehensively.”

The solution supports ASI, SMPTE-310, and TSolP I/O with full failover capabilities in a 2RU frame to ensure that WEA messages continue to be reliably inserted into the PBS broadcast stream. It also will feature multiple input/outputs to support additional alerting at the local and/or national level.

“We are very excited that PBS selected us to deliver a PBS WARN solution to public television stations based on our proven D2Flex video multiplexing technology that will reliably insert WEA data with pre-emptive priority for Presidential messages”, comments Steve Doll, President of D2D Technologies. “We look forward to working with PBS in delivering the station-level solution and serving the public television stations for years to come.”

About the PBS WARN Solution

The system from D2D Technologies is a fully integrated 2RU solution that receives Wireless Emergency Alert (WEA) messages sent via the PBS Satellite Interconnection System and reliably inserts the designated message PID(s) into the broadcast transport stream with full failsafe and failover capabilities. The system is built around the D2Flex OG-3000 for openGear broadcast quality full duplex IP/ASI video processor that faithfully handles the grooming, PID insertion, monitoring and alerting for the system. By using a fully redundant Receiver and Groomer pair, the system can continuously monitor and automatically failover from main to backup to guarantee that the WEA messages continue to be inserted into the broadcast stream. The D2WARN solution is designed to be easily installed and operated by public television stations with configurations for ASI, SMPTE-310M, and TSolP input and output.

About D2D Technologies

D2D Technologies specializes in solutions that transform digital video for reliable contribution and content distribution in broadcast, cable, satellite and IPTV markets. We have built our reputation by delivering reliable and high value products including the D2Mux and D2Flex series of digital MPEG video processors that transform MPEG services from ASI and Gigabit Ethernet into tailored transport streams ready for distribution over ASI or TSolP. Video processing options include public internet streaming with Secure Reliable Transport (SRT), D2Guide Electronic Program Guide insertion with PSIP channel branding and D2Alert for inserting Emergency Alert System (EAS) messages. So whether we are working in the most demanding contribution and distribution environments, or providing a cost effective solution for your needs, D2D Technologies delivers solutions that are truly Transforming Digital Video. Contact: www.D2DTechnologies.com, email sales@D2DTechnologies.com toll free 844-D2D-TECH or call 904-323-4777

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Editor’s note: You can download this press release along with other information from D2D Technologies at www.D2DTechnologies.com/news

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