

## **WSBE Upgrades with New ATSC Encoding Solution from Comark Digital Services (CDS)**

SOUTHWICK, MA, July 17, 2019 – Hitachi Kokusai Electric Comark LLC (hereinafter “COMARK”), a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for more than 45 years, has announced that WSBE Rhode Island PBS has upgraded its ATSC encoding system with a solution from Comark Digital Services (CDS).

WSBE was using an older ATSC encoder system that limited their upgradability from ATSC 1.0 to 3.0. CDS delivered a new software-based encoding system that provides 2 x HD and 2 x SD programs within the station’s 19.39 Mbit/s OTA signal while delivering the highest possible video quality. CDS provided a fully redundant “1 + 1” encoding solution with SDI inputs and ASI outputs that is easily incorporated into the station’s existing workflow. The solution is extremely flexible, capable of providing HLS for streaming OTT services as well as discrete H.264 outputs that independently feed to local cable head-ends.

The solution at WSBE includes the “CDS Powered by TITAN Live” software-based ATSC encoding solution. CDS provided equipment integration, service level agreement, and commissioning services to the TV station’s staff. In addition, the WSBE integrated solution even works with the station’s existing GuideBuilder for PSIP management.

In addition to the live ATSC OTA encoding solution, WSBE also purchased a new “CDS Powered by TITAN File” video transcoding software-based solution.

“This package is the perfect replacement for our legacy transcoder product, as the solution provides multi-code and multi-format transcoding capabilities. CDS Powered by TITAN Live is a future-proof encoder that delivers not only ATSC 1.0 today, but also HEVC for future ATSC 3.0 use,” said David W. Piccerelli, president of WSBE.

“We have positioned CDS to integrate cutting edge DTV encoding solutions that support both ATSC 1.0 today as well as ATSC 3.0 tomorrow,” states Dick Fiore, President and CEO of Hitachi Kokusai Electric Comark, LLC. “Our team worked closely with the staff at WSBE and we are tremendously pleased to be part of this essential project.”

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***About Hitachi Kokusai Electric Comark LLC:***

For over 45 years COMARK has been synonymous with broadcast expertise and innovation. A trusted partner to the world's leading broadcasters, COMARK has pioneered many developments that have shaped the industry, leading innovation in IOT & MSDC-IOT technology, transistorized solid-state technology, Digital Adaptive Pre-correction (DAP), and also winning multiple Emmy® Awards; and gaining numerous patents in technologies that have become fundamental to broadcasting. COMARK is now building on this great heritage with the release of an entirely new range of transmission products for terrestrial television broadcasting, and state-of-the-art products for scientific/industrial RF applications. With thousands of active COMARK transmission systems deployed worldwide and a global support presence, COMARK plans to continue to develop technologies for the future, with efficient performance initiatives that improve coverage and save power.

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