News Release



Hitachi Kokusai Electric Comark and VideoFlow have partnered to provide ATSC 1.0 and 3.0 Solutions

Southwick, MA, April 16, 2020 – Hitachi Kokusai Electric Comark LLC (hereinafter "COMARK"), a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for over 45 years, has signed a reseller agreement with VideoFlow for intelligent content delivery solutions over IP networks, including public Internet. The VideoFlow products will be integrated into the end-to-end workflows for both ATSC 1.0 and NextGen TV.

COMARK's unprecedented market experience in headend designs and encoding systems began with the formation of Comark Digital Services during the original transition from analog to DTV. Comark Digital Services (CDS) was re-launched in 2018 to help broadcasters upgrade their headend solutions for both ATSC 1.0 and migrate to NextGen TV. CDS continues to provide market-leading solutions with best-of-breed technology and system expertise to help customers jump into the exciting possibilities offered by ATSC 3.0.

The agreement appoints COMARK as an authorized reseller of the VideoFlow Digital Video Protection (DVP) software suite and corresponding hardware appliances. VideoFlow's DVP allows for the highest reliability of content protection and delivery through any IP network while providing the lowest OpEx solution. DVP also offers broadcasters additional capabilities including IP path diversity, spoke and hub architectures, content sourced from Cloud Services, and confidence monitoring.

Comark Digital Services will be focusing on the North American broadcast DTV market for ATSC 1.0 and NextGen TV solutions. CDS provides integration and system design services for TV stations to ensure a smooth installation process.

"Partnering with VideoFlow provides several important capabilities required in current and future headend system deployments for the CDS business," said Tim Hosmer, Director of CDS at Hitachi Kokusai Electric Comark LLC. "VideoFlow has pioneered and perfected methods of protected content delivery over any IP distribution network which will be key in both existing ATSC 3.0 lighthouse scenarios as well as future SFN deployments."

"We are very excited to announce this partnership with COMARK. We believe this joint solution will benefit the fast migration to NextGen TV, while utilizing VideoFlow's "know how" in Internet and unmanaged IP networks to transport content with no compromise on video quality." said Adi Rozenberg, CTO and Co-Founder of VideoFlow. "COMARK vast experience in the broadcast market, and its end-to-end integration services offering, along with VideoFlow will allow smooth transition to the next era of television."

About VideoFlow:

VideoFlow is driving the evolution of video delivery over IP networks. Our Emmy[®] award-winning technologies enable to Broadcast with CONFIDENCE over any IP network, including the Internet. Our Digital Video Protection (DVP) and Digital Video Gateway (DVG) products provide customers with four "must have" ingredients for broadcasting over IP networks; Reliability - Ensure viewers with uninterrupted 24x7 service. Confidence - visually verifying video quality on your smartphone, tablet, or PC. Simplicity - Manage, configure, and analyze any VideoFlow product quickly and easily - anywhere, anytime. Fast ROI - Reduce operating expenses and secure revenues with reliable video delivery over IP networks. More information is available at <u>www.video-flow.com</u>.

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.

Emmy® is a registered trademark or trademark of The National Academy of Television Arts and Sciences, Inc. and Academy of Television Arts and Sciences Corporation.

Information about products from COMARK is available at <u>www.comarktv.com</u>.

Contact: Joseph Turbolski VP of Sales & Marketing Tel: +1 413 998 1100 Email: jturbolski@comarktv.com