



<b>Vendor Name:</b>	JANTEQ Corporation, a division of General Dynamics Mission Systems
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<b>Technology Category:</b> (use dropdown Menu)	Surveillance, Tracking and Detection
<b>Product Type:</b>	Real-time Wireless Video Encoding, Transmission and Receiving
<b>Product Name:</b>	Adaptive Central Receive (ACRx) / Aviation Video Transceiver (AViTR)
<b>TRL Level:</b> (use dropdown Menu)	TRL Level 9
<b>Would You Provide A No-Cost Demonstration:</b> (use dropdown Menu)	YES
<b>What is your product?</b>	We design and manufacture custom RF devices used in a complete electronic solution that captures and wirelessly transmits High Definition (HD) real-time, full motion video (FMV) used for surveillance and situational awareness in major cities throughout the USA at ground level, as well as from the skies through our airborne video downlink solutions.
<b>What does it do?</b>	Our flagship ACRx (Adaptive Central Receive) solution is the secure "bridge" between strategically placed edge devices (i.e. IP cameras) and the Network Operation Center (NOC) where video is displayed, analyzed and stored. Our system scales from one camera link to over 144 camera/services within an Area of Responsibility (AOR), and automatically adapts to changes in environment or operating conditions, and allows remote updates and configuration of devices.
<b>Why would we be interested in your product (how do you think CBP would use it, for what purpose)?</b>	JANTEQ is currently under a multi-year contract with the Dept of Justice (DOJ) for the manufacturer and support of products/systems installed in major cities throughout the USA. Our system is capable of supporting multiple government agencies with complete autonomy through individual encryption. CBP could leverage existing infrastructure, as well as create their own secure, adaptable FMV network. In addition, our airborne downlink capabilities are designed to support CBP's next generation technology upgrade requirements as outlined in RFI-AVDLRFI2018 issued in 2018.
<b>What differentiates your product or company from your competitors?</b>	JANTEQ designs, manufacturers and supports our products exclusively in our Irvine, CA location. We are experts in Radio Frequency (RF) technology as it relates to the management, transmission and reception of secure and reliable FMV. We create IP-based solutions that can be enhanced with 5G-LTE, Mesh and 4K capabilities for mission-specific requirements. While our business unit operates autonomously for increased agility and responsiveness, we have available to us a vast amount of intellectual capital in multiple disciplines (AI, Machine Learning, Encryption, etc.) through our parent company General Dynamics.