



Communication Technologies in the RF Domain

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News

For Immediate

Syntonics Introduces Tethered Drone Radio Network Range Extension System

COLUMBIA, MD. **May 20, 2016** . . . Syntonics LLC, a leading provider of advanced technology RF-over-Fiber products, announces a new drone-based network range extension product, the High Antennas for Radio Communications-Tethered Drone (HARC-TD) system.

HARC-Tethered Drone provides dramatically improved network and communications range extension for tactical radio communicators, first responders, and similar users of mission-critical radio networks. A lightweight expeditionary system, HARC-TD extends Ultra High Frequency radio communications as far as 25 miles in all directions, including over elevated terrain and down into valleys and urban canyons.

HARC-Tethered Drone is small, minimizing its profile when flying, relatively quiet because of its ducted fan, and its ducted fan makes the UAV safe to handle. The airborne drone is electrically powered via its tether and can fly for hours or days from either battery or generator power. HARC-Tethered Drone is optimized for network/data/voice communications with military and civilian radios.

HARC-Tethered Drone is being introduced at the 2016 Special Operations Forces Industry Conference (2016 SOFIC) in Tampa, Florida. Demonstrations can be scheduled by contacting Mr. Steve Gemeny, Steve.Gemeny@SyntonicsCorp.com, 1.410.884.0500 x205.

Syntonics' HARC systems are now available for all tactical communications waveforms used by the U.S. military including the Soldier Radio Waveform (SRW), the Advanced Networking Wideband Waveform (ANW2), the Single Channel Ground and Airborne Radio System (SINCGARS), and AM/FM voice.

Syntonics provides advanced RF-over-Fiber systems and innovative RF technologies for military, civil, and industrial markets. FORAX™ ("Fiber Optic Remote Antenna eXtension") RF-over-Fiber radio communications systems are deployed around the world in 24x7 mission critical operations. FORAX-HARC (High Antennas for Radio Communications) RF-over-Fiber radio relay systems are deployed today in the Central Command's Area of Responsibility.

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