Silvus Tapped to Provide Wireless Expertise for Key US Military Robotics Program

Silvus, the leader in tactical MIMO wireless communications, today announced that it has won a contract to support the JCAUS System Design and Integration Team.

Project Manager Force Protection

LOS ANGELES, CA, USA, July 5, 2017 /EINPresswire.com/ -- Silvus, the leader in military-grade tactical MIMO wireless communications, today announced that it has won a contract as a key member of the JCAUS System Design and Integration Team (SDIT). Silvus is the only MANET radio provider on the SDIT.

“Silvus is thrilled to be selected to provide the waveform expertise, the prototypes radios, the trade studies, testing and evaluation as well as architecture risk assessments for the JCAUS SDIT,” said Michael Fitz, Chief Technology Officer for Silvus Technologies. “The ultimate goal on our end is to empower unmanned vehicle operators with robust methods of command and communications in the field so they can complete their missions. We believe our SDIT participation will give us better insights into the problems faced by unmanned vehicle operators”

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> *Michael Fitz, CTO, Silvus Technologies*

The JCAUS is an organization tasked with defining, testing and delivering a standardized, open architecture platform for military unmanned systems. Realizing the limitations of proprietary, point-to-point communications solutions that can lead to duplicated efforts and prevent cross-system interoperability, the JCAUS is pioneering a new engineering approach. The first phase has officially kicked off and includes prototype development.

Silvus is providing technical waveform innovation based on its MIMO MANET expertise. It is responsible for the development and eventual deployment of a wireless communication module, a critical component of the overarching architecture of what will eventually ride on all unmanned vehicles used in tactical operations. The communications and command module will be designed as a “plug and play” component that can be switched out and scaled to support vehicles of different sizes. It will work in tandem with payload host and security modules to enable secure and robust communications. Initial testing will focus on robotics utilized in reconnaissance, surveillance and target acquisition to both improve maneuverability and protect

ground forces.

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About Silvus Technologies:

Silvus Technologies

Respected for developing advances in next generation military technology to provide wireless communications in the harshest of environments, Silvus excels where traditional systems fail. Silvus leads the Mobile Networked MIMO waveform revolution with mesh radio systems designed to distribute high bandwidth video and data anywhere. From sea to sky and everywhere in between, Silvus StreamCaster radios create robust, self-healing/self-forming, fluid mesh networks. Delivering COFDM modulation and up to 4x4 MIMO, Silvus provides higher throughput, longer range, better reliability and more flexibility than any wireless standard: true, military-grade “plug and play” operation. Today, Silvus continues to pioneer MIMO innovations that are reshaping critical broadband wireless connectivity around the world.

Jimi Henderson
Silvus Technologies
7605259662
email us here
