

## **Silvus announces new Phase II SBIR contract from Air Force Research Laboratory**

**Los Angeles, Calif., November 30<sup>th</sup> 2012** — Silvus Technologies Inc. a leading developer of mesh networked Multiple Input Multiple Output (MIMO) radio products for tactical and commercial applications has been awarded an SBIR Phase II contract to design and build a low rate omni-directional Orderwire network to exchange control and network management information within an airborne network. Silvus Technologies' proposed SC-Orderwire protocol stack will be hosted on Silvus' StreamCaster™ MIMO radios for air-to-air testing and demonstrations in the phase II program. Specific innovations of this SBIR include an airborne node discovery protocol that is based on node location prediction, a scalable approach for broadcasting network management information in the network, a randomized medium access control protocol and a MIMO physical layer that can provide a data rate of 200kbps at link ranges of 150 km.

### **About Silvus Technologies**

Privately held and headquartered in Los Angeles, Silvus Technologies develops complex MIMO technologies that are expected to reshape broadband wireless connectivity worldwide. Backed by an unmatched team of PhD scientists and design engineers, its technologies provide enhanced wireless data throughput, wireless interference mitigation, anti-jamming, spatial cancellation, and improvement of Quality of Service (QoS) for the support of critical video and data transmissions.

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