



Fidelity Comtech, Inc. Receives SBIR Phase II Grant for Development of Steerable Phased Array Antenna System

Longmont, Colorado, November 30, 2004: Fidelity Comtech, Inc. announced today that it has been awarded a Small Business Innovation Research (SBIR) Phase II grant from the National Science Foundation. The nearly half-million dollar grant will allow Fidelity Comtech to further develop a WLAN system featuring an electronically steerable phased array antenna.

Fidelity Comtech's Phase I SBIR project demonstrated a unique phased array antenna with a dramatic cost reduction. The company's patent-pending vector modulator technology is the primary source of this achieved cost savings. A working proof-of-principle, electronically steerable phased array communications system using 802.11b LAN cards was tested in Phase I.

The two year Phase II grant will be used to extend the technology into additional frequencies, develop enhanced software, ruggedize and miniaturize the complete system. "This grant will allow us to further develop the phased array terminal platform. Our system focuses the antenna beam towards an intended recipient thus providing increased signal range, reducing interference and limiting eavesdropping opportunities. The result is an improvement in overall network reliability at previously unattainable cost, size and weight." said Joe Carey, President of Fidelity Comtech. The company is currently working with targeted partners on strategic applications with initial deployments beginning in 2005.

About Fidelity Comtech, Inc.:

Fidelity Comtech designs, develops and manufactures wireless equipment for data communications networks. Current company success is based on sales of a proprietary line of premium amplified networking products. Focus is on the Wireless Wide Area Networking market, primarily Wireless Internet Service Providers, Hotspot providers and Enterprise networking applications.

The recent company relocation to the Longmont Venture Center in Longmont, Colorado will facilitate increases in current customer activity and ongoing Phase II development efforts. Additional information regarding Fidelity Comtech and its products can be found at the company's website; www.fidelity-comtech.com.

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