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FOR IMMEDIATE RELEASE

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New 'Last-Mile' Gigabit Ethernet Wireless Link

Recent FCC equipment authorization for their PPC-1000-E 70/80GHz radios opens the US wireless fronthaul, backhaul and network extension markets to ELVA-1 Ltd., of St. Petersburg, Russia, placing them in direct competition with GigaBeam and Loea for a share of these markets.

Morgan Hill, CA (PRWEB) October 9, 2006 -- Gilland Electronics, of Morgan Hill CA, announces that its business partner, ELVA-1 Ltd., of St. Petersburg, Russia, recently received FCC Equipment Authorization for its PPC-1000-E point-to-point wireless radios. The authorization enables these 1.25Gbps, full-duplex wireless Ethernet links, operating in the 71-76GHz and 81-86GHz bands, to be made available to the United States market.

According to John Stover, President of Gilland Electronics, "The PPC-1000-E changes the market paradigm for U.S. point-to-point wireless communications. ELVA-1 is a well-established and respected partner, with a long history of profitability and millimeter wave engineering expertise."

The PPC-1000-E link provides a 1,250 megabit-per-second (Mbps) wireless Ethernet data pipeline that is equivalent in capacity to approximately 650 T1 lines or 1000 DSL connections. The result is terrestrial fiber equivalent performance, reliability and security, but without the high deployment costs associated with outdoor fiber installation.

"We are optimistic, and expect a good market response to our wireless gigabit Ethernet links," said Daniel Korneev, Director of ELVA-1 Millimeter Wave Division. "We appreciate the opportunity to bring online fiber-like capacity to thousands of U.S. commercial enterprises with our PPC-1000-E."

Using PPC-1000-E radios, gigabit wireless Ethernet links may be established over distances of up to 4.5 miles with carrier or enterprise class availability, depending upon average weather conditions. Secure remote monitoring and control via SNMP are easily imposed by connecting to a LAN jack anywhere in the network.

Its fiber-class data rate, superb quality of service, ease of installation and affordable cost make the PPC-1000-E an ideal solution for WiFi or mobile network extension and backhaul links, business WAN or IP telephony gateway connections, metropolitan area networks and rapid-deployment emergency communications.

About ELVA-1 Millimeter Wave Division:

Founded in 1993, ELVA-1 Millimeter Wave Division is a privately-held, internationally renowned manufacturer of millimeter wave integrated components, subsystems and test equipment. In 2000, ELVA-1 began aggressively expanded its product range into millimeter wave telecommunications products, such as 42GHz, 70/80 GHz and 94GHz transmitters and receivers, high gain antennas and other advanced wireless communications products. A complete overview of ELVA-1's capabilities can be viewed at www.elva-1.com.

About Gilland Electronics:

Gilland Electronics (www.gilland.com) was established in the San Jose CA area in 1990, and has been importing and distributing ELVA-1 millimeter wave products in the Americas since 1997.

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