

NEW PRODUCTS . . .

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ELTEC Introduces TS1-GPS . . .



ELTEC introduces the TS1-GPS, an easy to program, simple to install time synchronization unit with Garmin GPS accuracy at an affordable price!

Programming is done using an uncomplicated, easy to reach thumbwheel with only four parameters to configure: hour, minute, time zone and frequency of reset. The time selection is flexible with you choosing the hour and minute for reset. Should the AC power to the controller be really "dirty" and the controller's clock drifts, resets can be done every hour or every 3, 6, 12 hours or just once a day. The TS1-GPS will automatically adjust to daylight savings time and has an option not to use DST should you live in Arizona or Hawaii.

Installation is simple with three wires: power, ground and the time reset input connections. The TS1-GPS runs off of 8-40 volts DC. Because it uses the intersection controller's power and GPS technology, no trenching between controllers is required. The memory is nonvolatile, retaining the programming with a power loss. The time reset input function is accurate to 100 milliseconds. The time reset input cannot be interrupted even when navigating the programming menus.

The TS1-GPS ready-to-install unit includes all hardware required to mount the GPS module on top of the cabinet for a water tight installation. Each kit includes the TS1-GPS controller, Garmin GPS, a mounting plate and drill template (for mounting the antenna), neoprene gasket, easy to connect 3-wire harness, and an installation and instruction sheet.

Best of all, the TS1-GPS costs less than \$500 which is 2 to 3 times less than existing units on the market today!

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For more information, contact ELTEC at 800-227-1734 or Sales@elteccorp.com. Visit ELTEC's new web site at www.elteccorp.com or contact your

GE Digital Energy Introduces Secure, Industrial-Grade WiMAX Radio for Wireless Communication - the MDS Mercury 3650™



This single-box communications solution for the energy, utility and oil & gas market can reduce base station

infrastructure costs by up to 67%

Rochester, New York, December 11, 2008 -- GE Digital Energy announces the release of the MDS Mercury 3650, a highly secure, industrial grade radio, which provides up to 9 megabits per second (Mbps) aggregate Ethernet throughput for mission critical, industrial SCADA, AML, video and VoIP wireless communications applications in the United States. Based on WiMAX technology -- a high-speed, long-range wireless communication standard -- the Mercury 3650 directly addresses the industry's growing need for large throughput capabilities due to increased security requirements, additional hardware features, and field expansion due to mergers and acquisitions. With a return on investment measured in just a few months rather than years, the high capacity 3.65 GHz wireless solution provides a cost-effective alternative to wired options such as leased T1 and T3 lines or buried dedicated lines.

Built on innovative 802.16d technology, the Mercury 3650 is capable of prioritizing data using Quality of Service (QoS) and dedicated service flows, so that the applications most important to the business, such as video for security or mission-critical asset monitoring, will always have bandwidth. Orthogonal Frequency-Division Multiplexing (OFDM) with Forward Error Correction (FEC) and Automatic Repeat reQuest (ARQ) provide robust near- and non-line-of-sight communication capabilities, which can reduce base infrastructure costs by not requiring direct line of site capabilities.

Mercury 3650 operates in the most rugged, harsh industrial environments. It is certified to operate in extreme temperature ranges, from -40C to +70C. The product's rugged, durable aluminum chassis is tested to military standards for shock and vibration. Deployments in hazardous and electric power substation environments are facilitated by the solution's Class 1/Div 2 certification and IEEE 1613-compliance.

"Our customers require the most hardened, secure products for their mission critical wireless communications applications," said Claudio Cargnelli, Global Marketing Manager, GE Digital Energy. "The MDS Mercury 3650, with its implementation in the 3.65 - 3.70 GHz non-exclusive licensed band, provides the protection they require. Its one-box solution simplifies deployments, and reduces infrastructure and maintenance costs." "Customer feedback is that the Mercury 3650's single-box architecture is extremely rugged, easy to deploy and cost-effective," stated Cargnelli.

For more information on the MDS Mercury platform, visit www.gemds.com

Global Traffic Technologies Introduces Opticom Central Management Software

Consolidated Control Improves Efficiency and Lowers Costs

Global Traffic Technologies developed its new Opticom Central Management Software to help users achieve greater control, efficiency and security with their Opticom Infrared Systems for emergency vehicle preemption or transit signal priority.

From a desktop computer, this server-based software platform links Opticom-controlled intersections via a community's existing communications infrastructure.

Users can easily manage Opticom system security settings, create activity reports, respond to performance issues and complete proactive maintenance reviews - all without field visits to individual traffic cabinets at intersections.

The city of Mesa, Ariz., was an early Central Management Software adopter; ITS engineer Jeff Jenq says the software quickly helped identify potential maintenance issues and system improvements in just the first two weeks.

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IMSA Journal