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**Pelco Products, Inc. . .**

Governor’s Manufacturing Leadership Award and was named to the Metro 50 list of fastest growing, privately-owned companies by the Greater Oklahoma City Chamber of Commerce.

Pelco Products, Inc. continues to grow in both market share and revenue, which is up 55.6% since 2005. This is due to new product development, implementation of Lean Manufacturing to reduce waste and improved customer service. The leadership team at Pelco Products, Inc. attribute their success to a commitment to modern production technology, a highly flexible work force and innovative engineering.

The Inc. 5000 is ranked according to percentage revenue growth from 2005 through 2008. To qualify, companies must have been founded and generating revenue by the first week of 2005, and therefore able to show four full calendar years of sales. Additionally, they have to be U.S.-based, privately held, for profit, and independent - not subsidiaries or divisions of other companies - as of December 31, 2008. Revenue in 2005 must have been at least \$200,000, and revenue in 2008 must have been at least \$2 million. The top 10% of companies on the list comprise the Inc. 500, now in its 28th year.

For more information, contact Kyle Golding, Marketing Director at (405) 340-3434 or visit [pelcoinc.com](http://pelcoinc.com).

**Enjoy worldwide on/off control with ENCOM’s Web I/O interface**

Wireless on/off control systems, meet the wonder that is the Web.

For years, the COMMPAK I/O 8 product line offered by ENCOM Wireless has proven itself to be a robust, reliable solution for a multitude of on/off control applications, including advance traffic warning signals, emergency vehicle pre-emption and school-zone flashing beacon systems.

Now, ENCOM introduces the Web I/O — an Ethernet-based device, built around ENCOM’s proven technology, that combines a powerful ENCOM 900 MHz radio with a Web interface.

“The Web I/O is an extension of our very successful COMMPAK I/O 8 product line,” says Dan Szcatti, Vice-President of Sales and Marketing at ENCOM Wireless. “It adds Ethernet communications, which enables a number of important applications, and allows municipalities to take advantage of the networks that they’re already building.”

The Web I/O provides simple and flexible on/off control of as many as 255 remote beacons within a 20-mile radius. It features a standard 10/100 TCP/IP interface for simple integration into any private or public Ethernet network, and for applications where an IP network is not present, the Web I/O can be connected to a GSM/GRPS cellular modem for unparalleled deployment in flexibility.

ZoneWatch software, typically run on a customer-provided workstation, allows an administrator to control all the Web I/O units in a system, and boasts custom programming options, including 24/7/365 calendars for applications requiring scheduled operations.

Applications include emergency warning systems, remote vehicle detection, airfield lighting, gate open and closure, traffic ramp metering, remote irrigation systems, traffic lane control and blank-out signs.

“Really, what we’re doing is creating a virtual button,” says Szcatti. “You can set up scheduled operations — or you can log in, from anywhere in the world, and manually turn things on and off.”

After its introduction in April and a series of successful field deployments over the summer, the Web I/O and its corresponding ZoneWatch software were available through ENCOM’s distributor network as of Aug. 1, 2009.

For more information visit [www.encomwireless.com](http://www.encomwireless.com).

**ELTEC, Mid American Signal, Telvent, and KDOT Collaborate on ITS Project**

Most ITS devices are powered by the commercial power grid. KDOT in Wichita, Kansas used photovoltaic power for 17 temporary traffic detector installations throughout Sedgwick County. All were erected in the fall of 2008.

Telvent, who is overseeing the data collection for KDOT, will use the traffic data to establish a baseline before highway improvements are implemented (alternative route; accident signs; 511 accident reporting, etc.) The impact can then be measured after traffic management upgrades.

KDOT used the existing infrastructure to minimize costs. Solar panels could not be mounted on existing poles due to wind loads. Mid American Signal came up with the ‘side-of-bridge’ solar panel mountings.

ELTEC sized the systems based on the load requirements guaranteeing sufficient power. The sophisticated sizing program accounts for power generated at that latitude as well as the number of sunny and cloudy days in the Wichita area. The system was not over sized or under sized. It has operated for a year without any incidences.



Wavetronics on bridge in Wichita.



HD - Solar - truss.

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**ITS Project . . .**

The data collection will last approximately 18 months or until the new ITS project is completed, after which some of the self contained ITS solar powered systems will be integrated into the centrally controlled system and others will be moved and installed at new study areas using existing components.

For more information contact ELTEC at 800-227-1734 or [sales@elteccorp.com](mailto:sales@elteccorp.com) or Mid American Signal at 913-432-5002 ext. 4 for Jordan Schwening or: [jordans@midamsignal.com](mailto:jordans@midamsignal.com).

**TAPCO makes Inc. 5000 list of fastest growing private companies in America**

TAPCO-Traffic & Parking Co., Inc. of Brown Deer, WI is proud to have made the 2009 Inc. 5000 list of the fastest-growing private companies in America. This is the third year in a row that TAPCO has received the honor and is proud to be included again. Having recently moved into a much larger facility in Brown Deer, WI, their growth is apparent at many levels. In only eight years, TAPCO has moved from a 50,000 square foot building into one that offers 135,000 square feet while in that same time the staff grew from 55 employees to over 110. Company spokesmen credit their continual success to combining a diverse product offering with continual development of safety product systems integration and solar-powered solutions, allowing TAPCO to provide products and services to many market segments. With one of the largest traffic sign shops in the Midwest, patented products like their BlinkerSign® LED enhanced signs and FHWA approved V-Loc break-away post/pole anchoring systems, the future is bright for TAPCO. With thousands of traffic and parking control products, TAPCO's customer base includes DOTs, municipalities and private contractors across the nation and, increasingly, the globe.

For information on TAPCO visit [www.tapconet.com](http://www.tapconet.com).

**STC supplies UPS for Wavetronix sensors in Washington State**  
Solar Traffic Controls (STC) has furnished 65 DC-style Uninterruptible Power Supplies (UPS) systems for Wavetronix sensors along the Interstate 5 corridor from Olympia to Mt. Vernon, Washington.

The project consisted of two types of DC-UPS systems depending on what was available at each site, 480VAC or 240VAC. STC worked closely with Advanced Traffic Products (ATP) to create a viable solution to power Wavetronix sensors and radio equipment. Using a solar-powered system was initially considered yet given the poor sunlight levels in Washington, it was not cost efficient to go solar with this particular application.

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*Brought to you by IMSA and The Light Brigade*

The new **Fiber Optics for ITS** course offers a practical understanding of how fiber-optic technology is integrated into modern traffic systems.

Level I certification involves two days of classroom training that covers basic optical theory, installation, splicing, testing, maintenance, system design, video transmission, real-time video, traffic control systems and next-generation transmission systems.

Level II certification involves two days of hands-on training with fiber optic splicing, cable preparation, OTDR operation, optical loss testing, and video systems. Level I certification is required.

These courses will be offered throughout the year at The Light Brigade's training facility in Seattle, Washington. For more information, visit [lightbrigade.com](http://lightbrigade.com) or call (800) 451-7128. IMSA members are eligible for a 15% discount on all Light Brigade training courses.

If you are interested in having these courses held in your area, please contact your local IMSA section for more information.

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