

## NEW PRODUCTS . . .

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### ELTEC Introduces Network Based Time Clock



Lang 3000

TC-3000

ELTEC has launched a new programmable time clock, the TC-3000. Using your available internet/network access, it provides real-time closed-loop management from a host computer, eliminating the need to send technicians for on-site trouble shooting or changing/modifying programs.

The System 3000 (DLPRO 3000 software, LANG 3000 & TC-3000 time clock) utilizes the internet or private intranet and RF technology eliminating paging or cellular fees. No radio repeaters are required. System communication is established over the network utilizing a secure dedicated port on the host computer and an on-site local area network gateway (LANG). A spread spectrum RF virtual private network (VPN) is created between the LANG and its' associated TC-3000 time clocks.

The system provides immediate 2-way communication, real-time monitoring and control, displaying clock and LANG status. At any time, a single clock, group of clocks or all clocks can be interrogated to verify status. Email messages are sent to the technician(s) on-call as well as other designated individuals to report low voltage conditions, any manual overrides or communication faults.

The System 3000 controls the operation of beacons based upon program schedules downloaded by the user into non-volatile memory. All programs are stored in the time clock as well as the LANG. Should there be a system interruption, the flashing beacons continue

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to operate as scheduled. It operates as a stand alone time based controller, allowing it to be used anywhere a time based relay output controller is required.

The TC-3000 time clock has an internal flasher, and it's equipped with two independent output relays for other needed circuits. Both the TC-3000 time clock and LANG 3000 operate on either 12VDC (solar) or 120VAC.

The DLPRO 3000 software runs on Windows operating systems.

For more information contact ELTEC at [Sales@elteccorp.com](mailto:Sales@elteccorp.com), 800-227-1734 or visit ELTEC's web site at [www.ELTEC-CORP.com](http://www.ELTEC-CORP.com).

### New ComNet Managed POE Switch Provides Peripheral Device Power in Demanding Environmental Applications



*ComNet Expands ComWorx™ Product Line- New Smaller Eight Port POE Switch Added*

ComNet Communication Networks of Danbury, Connecticut,

a leading provider of fiber optic and Ethernet network solutions has introduced a high capacity managed Ethernet switch. The Comworx™ CNGE2FE8MSPoE is the company's next environmentally hardened Managed Ethernet Switch that provides a high port density in a compact package and provides Power over Ethernet to peripheral devices such as IP cameras and video encoders. The all-new ComWorx™ CNGE2FE8MSPoE makes available eight 10/100TX ports and two 1000Mbps combo ports that utilize easily interchangeable small form factor pluggable optic (SFP) devices as optical interfaces. All eight ports support the IEEE802.3af Power over Ethernet (PoE).

This hardened Ethernet switch is designed to operate in environments where extremes of temperature and vibration are a consideration. All eight ports support IEEE.802.3af based PoE. Two ports are Gigabit (Gbps) configurable for copper or fiber media for use with multimode or single mode optical fiber, selected by optional SFP modules.

"The ComWorx™ CNGE2FE8MSPoE offers three of many very significant features," states Vic Milani, ComNet Vice President of Product Management. "The first is IGMP (Internet Group Management Protocol) snooping V1/V2 for multicast filtering and IGMP Query V1/V2. Without IGMP, multicast traffic (streaming video) is transmitted to all ports within the entire network. This unnecessary traffic floods and ultimately slows the performance of the network. IGMP allows the data to be directed to a specific network address. The second major feature is Rapid Spanning Tree Protocol (IEEE 802.1w) or RSTP. RSTP provides a redundant network path in the case of a failure on the network. In most cases networks that use ComNet managed Ethernet switches can, in the event of a failure, redirect the data paths allowing network restoration in less than a second.

Lastly, port based Virtual Local Area Network (VLAN) (IEEE 802.1Q). VLANs address issues such as scalability, security, and network management," Milani concluded.

Like all ComNet products, the ComWorx™ CNGE2FE8MSPoE is backed with a lifetime warranty.

"With the introduction of the ComWorx™ CNGE2FE8MSPoE switch, we are just continuing to round out what is a very complete Ethernet product line," said Skip Haight, ComNet VP of Marketing. "The product lines we're introducing now are the result of years of experience. But the difference between ComNet and the other suppliers is the customer care experience we offer. ComNet is a complete full-service company and not just a product line. From the initial contact forward, our customers will be delighted by how good the customer experience is," Haight continued.

ComNet offers an extensive line of fiber optic video and data transmission equipment as well as a line of Ethernet Network equipment that is uniquely toughened to meet the needs of the Security and Intelligent Transportation System market. Full product line details are available at [www.comnet.net](http://www.comnet.net). Call direct 203-796-5300 or email [sales@comnet.net](mailto:sales@comnet.net) for details.

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