

ID Expo Showcases Key Technology Trends

BY MARTY WEIL

CHICAGO—In the auto ID marketplace, two key technology trends continue to percolate: open systems and distributed control. At this year's ID Expo, held here recently, these trends manifested themselves in the form of several significant product introductions.

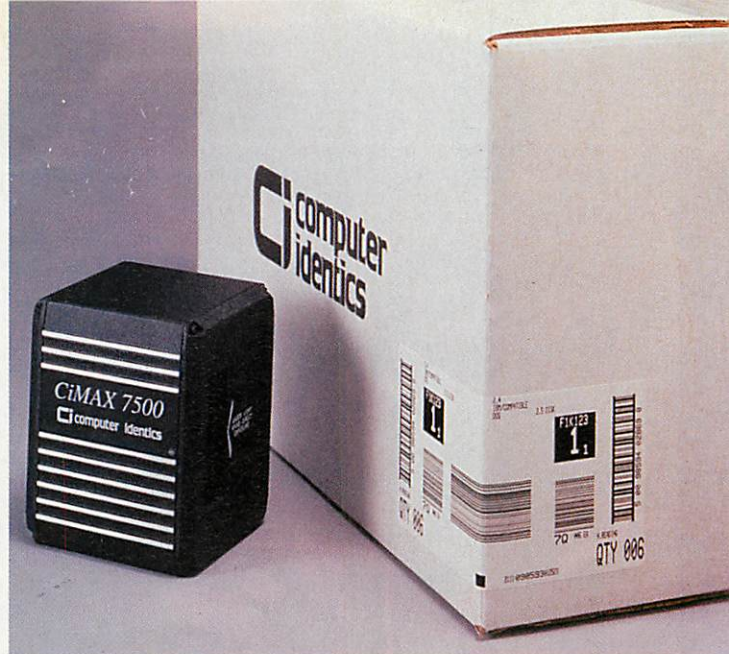
Symbol Technologies Inc. of Bohemia, NY, introduced a new wireless data local-area network (LAN) called Spectrum 24, which the company touts as the first high-performance, wireless data network that complies with the forthcoming IEEE 802.11 standard.

The open-system Spectrum 24 LAN provides users with a transparent connection to an

Ethernet LAN through multiple access points. A full cellular network, Spectrum 24 supports seamless, instantaneous roaming at a data rate of 1 Mbps and operates in the worldwide standard 2.4 GHz band using frequency-hopping spread-spectrum modulation.

"This is the culmination of the trend toward open systems coming together in one implementation," explains Brian Sealander, director of network systems marketing. "Spectrum 24 supports open standards at every hardware and software interface providing easy installation into existing systems."

LXE Inc.'s chairman and chief executive officer, Thomas E. Sharon, shares Symbol's desire to exploit the trend toward



The embodiment of Intelligent Conveyor technology is the CiMAX 7500, an intelligent, fixed-position laser scanner with control and Ethernet networking capabilities.

open systems through wireless communications. "LXE's Mobile Enterprise concept focuses on mobile computing products for the benefit of more efficient

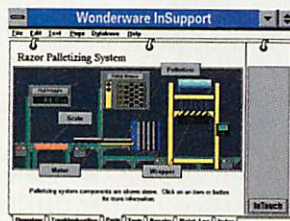
material tracking and handling as well as personal computing and communications."

For its part, LXE, located in Norcross, GA, introduced RF

Photo courtesy: Computer Identics

How To Shave Downtime Without Getting Nicked

RazorDyne wanted to cream the competition. So they doubled production to include women's razors. The problem was that although the blades may look like men's, they're not. Critical differences exist in blade width, shear angle and finish. And trouble making these new blades was causing excessive downtime.



That's when RazorDyne got the edge with InSupport™, the advanced on-line diagnostics software from Wonderware®. With InSupport, RazorDyne quickly developed a system to diagnose and repair problems before they shut down production. Better yet, applications were easily developed and integrated with

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480TVL are produced by the GP-KR222's 1/2" interline transfer CCD (768H x 492V pixels) in as little as 3 lux at F1.4. To assure high picture quality, the compact color camera boasts an exceptional signal-to-noise ratio of 50dB. And the GP-KR222's highly advanced digital RGB signal processing delivers well-balanced color reproduction. They're all the specs you need for critical color imaging applications.

DSP (Digital Signal Processing) circuitry provides the GP-KR222 with a host of advanced electronic features like: Selectable Auto Tracing White (ATW) Balance; Electronic Light Control (ELC) equivalent to a variable shutter speed between 1/60th and 1/15700th seconds; and Auto Backlight Compensation. In addition, the GP-KR222's 2H enhancer and knee circuit deliver added picture detail.

If high resolution is at the top of your list, that's where the GP-KR222 color CCD camera belongs too. It's precisely Panasonic. For more information call 201-392-6674. In Puerto Rico, call 809-750-4300.

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