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FIRE & SECURITY TODAY

Residential Security:

***Building High Security into
Metro New York Luxury Residences
Towering Blocks of Success***

**Is Risk Management Relevant for
the Hotel Industry in Singapore?**

**Megapixel Cameras – Can They Really
Save Bandwidth and Storage?**

**Holly Lane Apartments Get Fire-Safe
and Friendly with ADA**

**Preview:
Intersec Middle East 2009**

ThruScan walk-through metal detectors from Elektral

Stand 3801C

Established in 1978, Turkish company Elektral A.S. manufactures and exports to more than 70 countries its ThruScan series of handheld and walk-through metal detectors. Elektral will demonstrate its ThruScan-sX, a 'smart' walk-through metal detector that is ideal for airports, embassies, shopping centres, courts, jailhouses, schools and other business or tourist locations. The ThruScan-sX has been enhanced with new features including:

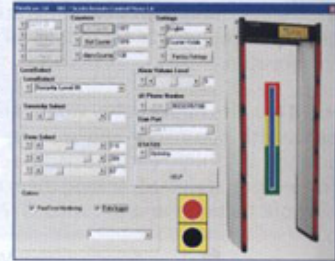


ThruScan-sX walk-through metal detector

- Measurement of and adaption to magnetic influences in the environment, resulting in less disturbance and higher precision.
- Individual adjustment of security and sensitivity levels for 9 separate scanning zones.
- Ability of the detector to store learning on various kinds of metals and their combinations in the memory (this allows the detector to differentiate between, e.g. a key and a knife)

In addition, Elektral will introduce the newly improved SRC Scada Remote Control Software, an optional feature which provides operators of the walk-through metal detector with access to the detector's settings by PC. The software allows real-time, remote monitoring with instant audio-visual alarms and alarms are displayed with Separate Zone Indicators.

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Synectics to introduce Virtual Matrix System

Stand 4603C

Synectics Security Networks will be showcasing its new Synergy Virtual Matrix System (VMS) at Intersec Middle East. Featuring impressive video quality and third-party interfacing capabilities, Synergy VMS is designed to unleash a whole new world of analogue-digital CCTV systems control, digital recording and product integration.

Utilising Synectics' own high-performance e100 encoder to provide seamless live and recorded video integration, along with a fully integrated IP display wall processor, it enables multiple manufacturers' command protocols to be integrated within a single control solution. Synergy VMS allows operators to take control of their operational environment and gives them a future-proofed, networked solution.

Synergy VMS provides system managers with easy 'plug and go' systems expansion and integration. This maximises a surveillance system's effectiveness by allowing new technologies such as analytics and megapixel cameras to be readily implemented, extending the functionality of the 'virtual matrix' arena.

The recently launched ultra compact, single-channel e100 encoder enables easy migration from analogue CCTV to real-time video over IP. Designed for use on the edge of networks, the encoder enables surveillance system operators to extend the functionality and interoperability of their CCTV systems, supplying a feature-rich device that enables full integration to IP surveillance and video management systems.

Employing the latest H.264 compression technology, the e100 features exceptionally low bandwidth capabilities to deliver

full frame rate, real-time images with a 30 percent bandwidth saving versus standard MPEG4 devices, thus saving disk space and available bandwidth.

The e100 provides very high quality video and audio. Its dual streaming technology supplies two independent variable quality IP video stream outputs. Each stream supports video input rates from 1 to 25/30 images per second, with

resolutions up to D1 at data rates ranging from 128Kbps up to Broadcast quality 6Mbps – along with sub 100ms latency providing smooth PTZ control over IP. In addition, the e100 features alarm inputs, a serial data port, and onboard MicroSD card FlashRAID storage. It can be powered locally or via PoE. Further surveillance flexibility is supplied via a built-in web server, allowing remote viewing.

Available as an add-on option, a Synectics Video Analytics Processor caters for intelligent algorithms to be used on selected video inputs for applications such as people counting, object tracking and ANPR, etc.

In addition to its IP CCTV products, Synectics will be displaying its full range of high performance products, including the SynergyPro award-winning software control solutions, Modular Digital Recording System, patented 'Time-Lapse Later' digital recording solution, Synergy Traffic Enforcement system, EX250 matrix system, PRIVacy electronic scene masking, and SAMS alarm management.

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The e100 encoder is one of Synectics' solutions to be showcased.