



Intelligent video is pivotal to high-security installations

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when choosing roller shutters, because features such as a rubber weather seal strip to prevent water seepage are fitted as standard with Roll-Up Serranda's products, but are often 'added extras' within the roller shutter industry," said Rob Chivers, Roll-Up Serranda's KwaZulu-Natal branch manager.

The roller shutters are automated and operated using a range of security orientated options. They roll up out of sight into an overhead bulkhead during the day, freeing up the shop's entrance for customer traffic. In an emergency, these doors can be quickly lowered and if the power fails, a manual override system will allow entry and exit.

"We recommend that retail outlets order their roller shutters early on in the building process so that we can install them on schedule. Ideally, this would be before the store's stock arrives so that our doors can protect the merchandise from theft during the final construction period," said Chivers.

Each roller shutter is custom made to fit the store's entrance and can be colour coated to reflect the outlet's corporate identity to help to build the brand while doing its job of protecting the merchandise and staff. Shutters should be installed by professional fitters, ensuring that the doors don't fail to open at critical moments such as opening time.

Roll-Up Serranda's product range includes solid steel slats, punched steel and aluminium designs, extruded aluminium styles and specialist doors for protection from fire and other disasters. The choice depends on aesthetic considerations as well as how much ventilation and visibility is required. ●

Video analytics and industrial facilities

There is little dispute that intelligent video has found a place at the round-table of well funded high-security installations. In general a perception has permeated the security industry that intelligent video is for the heavyweights of security, such as ports, airports, train stations, and nuclear power sites.

Early intelligent video developers are partly to blame for this out-of-reach perception because they spent more time on functionality rather than worrying about delivering a usable and simple to install solution for the masses.

Today there are commercially available intelligent video systems that are high performing and proven, yet designed for simplicity of installation and operation. Despite this, corporate security directors for industrial sites have plodded along traditional routes using timeworn security programmes only to be blind-sided by new trends in crime and added responsibilities of security conformance issues.

Popular criminal trends have cropped up, such as scrap metal theft, industrial-plant theft, and frivolous injury claims. On the industrial security front, administrators have found their facilities exposed with too many holes because security components deployed for industrial security were not designed for such wide area detection nor for the added dimension of anti-terrorism. A good example of this is the problem of scrap metal thieves that cart away everything from railcars and steel rolls to guard rails and street signs.

Industrial security now needs to secure against threats not previously believed to be security issues, including theft of toxic chemicals, biomedical waste, and flammable materials. Industrial areas inhospitable to patrolling but are

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Security feature

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accessible to determined intruders, such as confined spaces, high-voltage areas and hazmat facilities, now need protection. With limited budgets, and a tendency to stay away from complicated solutions, industrial security was without a viable solution for protecting wide-open areas.

Despite the obvious problems of traditional security measures, the new demands of industrial security, and the benefits of intelligent video to fill this void, security installers lag behind in offering these more effective systems over the traditional devices they know and love. What lies in the future for security installers is greater demand for intelligent video solutions, especially in the industrial security market where the benefits of intelligent video and the return on investment are substantial. The benefits of intelligent video are clear. It watches over areas that are too dangerous for security guards to patrol. It provides the ability to monitor wide areas and detect not just short-range movements, such as an infrared motion detector, but true intruder behaviour scenarios.

It can differentiate people from small animals outperforming other sensors that typically cannot tell the difference between the two. Intelligent video appliances – DSP-based devices with self-sustained video analytics that is a snap to configure and install – are the necessary element for delivering the plug-and-play approach. They also provide an optimal solution for remote and stand-alone deployment. Remote construction sites, electrical substations, agricultural sensors and pipelines, for example, can all be protected without the need of a dedicated network processing computer or onsite security guard. Rather than erecting truckloads of fencing, fence sensors, ground sensors, and wiring, and battling city hall and residents about aesthetics, intelligent video offers a viable and easy to install solution as an invisible fence. Intelligent video detection can distinguish between vehicles and people and even limit detection to a specific

direction, so when a scrap-metal thief climbs over a fence it is detected, but an employee car leaving the facility is ignored. Automatic detection of object removal can be used to limit detection to items that are of interest whether it the taking of a warehouse computer or a pallet of copper piping from a storage yard. Automatic detection of unattended objects can reveal when a box of products is tossed over the fence by an employee for after work pickup or alarm when a suspicious package is placed next to liquid propane tanks. Automatic detection of stopped cars can notify when a vehicle parks outside after hours or when an explosive-laden car parks nearby chemical storage tanks. Autonomous pan tilt zoom tracking, unlike stationary cameras, can provide automatic close-ups of a moving target for better recognition or real-time tracking of a camouflaged intruder's whereabouts.

With intelligent video interfacing and event engines, lights can be turned on, barriers raised, doors locked, and warnings announced automatically on an alarm event. Additionally, intelligent video supports scheduling of different detection types, such as for late night or shift change scenarios, as well as PTZ camera tours that offer different detection on each preset and advanced synchronised handoff of moving intruders from stationary camera detection to autonomous PTZ cameras for robot-like tracking. ●

Coroma secures showrooms with style

Doors fronting commercial buildings, warehousing and factories have to protect millions of rands worth of merchandise from both criminals and the weather, often while falling in line with a big brand's identity and looking attractive to customers. "This is why our Coroview glass and aluminium doors are so popular for showrooms," said

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Coroma custom doors protect and enhance showroom security