

New Press Information

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IP Technology Provides Backbone for Integrated Prison Security

IndigoVision's VideoBridge IP technology is providing the backbone for an innovative integrated security system installed in a Dutch high-security prison. The Ministry of Justice in the Netherlands commissioned GTN Systems b.v to design a system that could cost-effectively control and monitor the access to different parts of the prison. By using IndigoVision's IP-network technology GTN designed a system that realized cost savings in excess of 20% compared to traditional hard-wired solutions. IndigoVision's VideoBridge interface modules provide the digital compression and transmission of high-quality video, bi-directional audio and I/O control data over the IP-network.



Photo Caption: IndigoVision's IP-Video technology is providing the backbone for an innovative integrated security system in a Dutch prison.

Each prison cell has a vandal-proof secure cabinet that contains a VideoBridge 6000 module, power supply and I/O hardware. The only external connections to the cabinet are power and a CAT5 Ethernet network cable. Each cabinet is connected to a local network hub, which in turn is connected to a dual redundant fiber-optic ring installed around the building. The cabinets contain an audio intercom, for both inside and outside of the cell, door control hardware and door position sensors. A GTN developed graphical interface, based on the NCVS Management System, allows prison staff to remotely monitor and control the cell intercom, door access and CCTV cameras.

CCTV cameras monitor the hallways and cell doors as well as other general areas around the prison. Whenever a cell intercom is activated the nearest camera positions and zooms to that location. All existing cameras are interfaced to the network via the VideoBridge 6000 modules located in the nearest cell cabinet. New cameras installed as part of the project are dedicated IP cameras that connect directly to the network hubs.

IndigoVision's VideoBridge technology provides a cost effective and more flexible solution for video surveillance than traditional analogue CCTV installations. The system is easily scaleable allowing additional cameras to be added anywhere on the network without additional cabling. It is location independent - an operator can view live-networked and recorded video from a different building, town or country. The VideoBridge 6000 family includes a range of hardware and software products including IP cameras, transmitters and receivers, and 'Network Video Recorder' and 'Control Centre' software applications.

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Editors Note: IndigoVision is a leading manufacturer of complete IP Video solutions for the security market. These solutions deliver outstanding video quality, live from cameras and networked video recorders via IP networks. IndigoVision solutions are used for mission critical applications in airports, city centers, mines, traffic systems and the military. IndigoVision is headquartered in Edinburgh UK, with local sales & support offices in New Jersey and Toronto.



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