

InVision – Making CCTV Work



BUSINESS BENEFITS

- Enables scenario reconstruction that includes CCTV synchronised with other media sources
- Provides the ability to capture very powerful evidential material
- Lowers the total cost of ownership of the camera infrastructure
- Simplifies compliance with the CCTV Code of Practice
- Provides mega-pixel resolutions
- Eradicates the requirement for delicate tape mechanisms
- Reduces the need for human intervention
- Simplifies the addition or the removal of individual cameras

The proliferation of CCTV in recent years is well documented; in Britain, there are currently over 4.2m CCTV cameras – about one for every 14 people. The rapid increase in surveillance also shows no signs of abating with replacement systems, extensions and upgrades set to provide a 7% compound growth in the UK by 2009. Strong growth is also expected throughout Europe and beyond. Deployment has become commonplace in any area where the public has free access, hence one is as likely to be caught on camera walking down the local high street, as walking into a bank, a hospital or a police station. Increasingly, the work place or even the local school is also likely to be under surveillance. The CCTV camera has become truly ubiquitous.

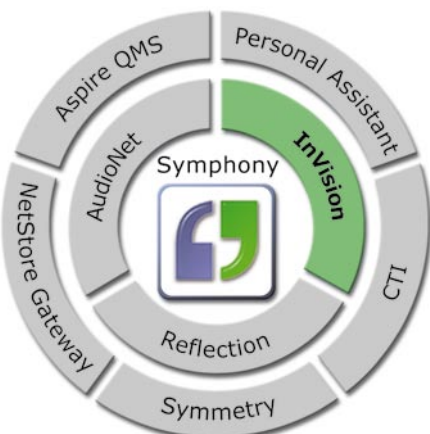
The growth in CCTV usage over the last 20 years is closely linked to both increasing security concerns and improvements in technology. That said, the vast majority of surveillance systems are analogue, meaning that CCTV systems are often reliant on delicate tape mechanisms that are prone to poor image quality and dependent on frequent user interaction. This is becoming of increasing concern to business and government alike, especially as analogue technology will make it difficult for organisations to follow the stringent guidelines now in place under the CCTV Code of Practice. It comes as no surprise therefore the demand for digital video recording systems such as Weston Digital's InVision™ is increasing significantly.

A UNIQUE OFFERING

Whilst it can be used in any environment, what makes InVision unique is that its CCTV recordings can be captured to the same medium in real-time alongside other recordings from multiple analogue and digital media sources. This means that it is possible to replay CCTV recordings synchronised with other media such as telephony, screen data and trunked radio. This is a capability unique in the marketplace and proving to be of great value to those organisations that need such information for compliance or evidential purposes.

By sharing hardware between many functions and by only having one access control mechanism, one set of client software and one supplier, the total cost of ownership is reduced. When this is combined with further cost savings derived from reductions in administration overheads, power consumption and physical storage space; it's easy to see how InVision is providing organisations with not only a functionally-rich, but also a thoroughly cost-effective solution. By using video encoders, InVision can also be used with analogue cameras meaning that organisations can phase their migration to a fully digital solution.

SYMPHONY'S FAMILY OF PRODUCTS



InVision has been developed by Weston Digital in partnership with the leader in IP network camera technology, Axis Communications. Part of the Symphony™ family of products, InVision offers a state-of-the-art CCTV recording solution for enterprise-scale applications. It enables comprehensive control over image size and quality, and flexible recording control, including advanced motion detection capabilities. It also adds full Information Lifecycle Management capabilities to the recording environment, whilst access to the video in both real time and historically is achieved using the same interface as for all other Symphony supported media types.

Cost savings apart, InVision is already providing organisations with a host of improvements and benefits compared to previous analogue-based systems, these include: advanced analytics; the ability to pause and rewind in real time without affecting the recording; multi-user remote access and far greater precision with motion detection. However one of the key advantages over analogue-based systems is that human intervention is reduced significantly. No longer is the CCTV system dependent upon people following detailed procedures such as ensuring that the right video tape is in the right system – how many times has key information been lost because somebody forgot to change the tape?

Less human intervention combined with less fragile hardware has also resulted in more reliable CCTV systems; and when problems do occur, there's every chance that these can be solved remotely. But the real advantage of less human intervention and more automation is that it's much easier to achieve regulatory compliance and hence meet the requirements of the CCTV Code of Practice. InVision is helping clients become compliant in a number of ways:

- Automatic management of data retention periods
- Comprehensive access control management
- Full details of users logging on to the system to replay recorded material
- Accurate time stamping, synchronised to reference clock
- Comprehensive auditing
- Improved accuracy through enhanced image quality
- Data integrity management.

FEATURES AND BENEFITS

A UNIQUE SERVICE OFFERING:

- Enables scenario reconstruction that includes CCTV synchronised with other media sources
- Provides the ability to capture very powerful evidential material

COST EFFECTIVE:

- Lowers the total cost of ownership of the camera infrastructure
- Enables a phased migration to a fully digital solution allowing flexibility in budget planning

FUNCTIONALLY RICH:

- Simplifies compliance with the CCTV Code of Practice
- Supports hybrid environments with a combination of analogue and IP-based cameras

SUPERIOR PICTURE QUALITY

- Provides mega-pixel resolutions
- Solves the interlace problems associated with analogue technology

GREATER RELIABILITY

- Eradicates the requirement for delicate tape mechanisms
- Reduces the need for human intervention

IMPROVED OPERATIONS

- Increases the amount of redundancy options available such as RAID5 and dual power
- Improves disaster recovery – data can now be duplicated at a remote site

HIGHLY FLEXIBLE AND SCALABLE

- Simplifies the addition or the removal of individual cameras
- Makes the moving of cameras a very simple operation.

BACKED BY WESTON DIGITAL'S MARKET-LEADING SUPPORT CAPABILITY

- Ensures a smooth, tailored and hassle-free implementation
- Provides access to the highest quality training and customer support

ABOUT WESTON DIGITAL TECHNOLOGIES

Weston Digital Technologies is one of the world's leading providers of voice, video and data recording solutions. Weston Digital's mission is to provide its private and public sector clients with mission-critical solutions tailored to match specific needs, enabling them to meet their regulatory and business requirements. Headquartered in the UK with regional offices in New York, Hong Kong, Bangkok and Sofia, Weston Digital is a technology-driven company that has long been at the forefront of innovation within the industry.

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