

# Smart Surveillance with IP Physical Security

With around 1.5 million cameras now used for public space surveillance in the UK, the use of CCTV to enhance security, safety and building management has grown at an unprecedented rate.

CCTV provides security and facilities management personnel with a presence in environments where limited resources, budgetary constraints and other restrictions prevent them from being physically present. The real-time monitoring offered by CCTV supports the enforcement of security policies and improves reactions to emergency situations, providing an unbiased record of events to support post-incident investigations. Combined with video analytics, CCTV is now being recognised as a solution to enhance customer experience, with the ability to detect overloaded check out queues and direct staff to customers who may need assistance.

## Harnessing the benefits of next generation HD-CCTV

Digital CCTV solutions negate the requirement for costly video transmission, matrix switch, and distribution amp products traditionally used to connect cameras to security control centres. In addition to the reduced cost and complexity that this technology offers, your system will be more energy efficient, reducing your carbon footprint. High Definition CCTV increases the ability of video analytics to drive enhanced services for clients and customers.

Leveraging IP networking technology, **telent's** video surveillance solutions can enhance the effectiveness of your existing systems and/or enable rollout of advanced CCTV technology. We've supported large-scale upgrades from analogue to digital systems and have been able to deliver the advantages of next generation surveillance products whilst protecting our customers' investment in existing analogue systems.

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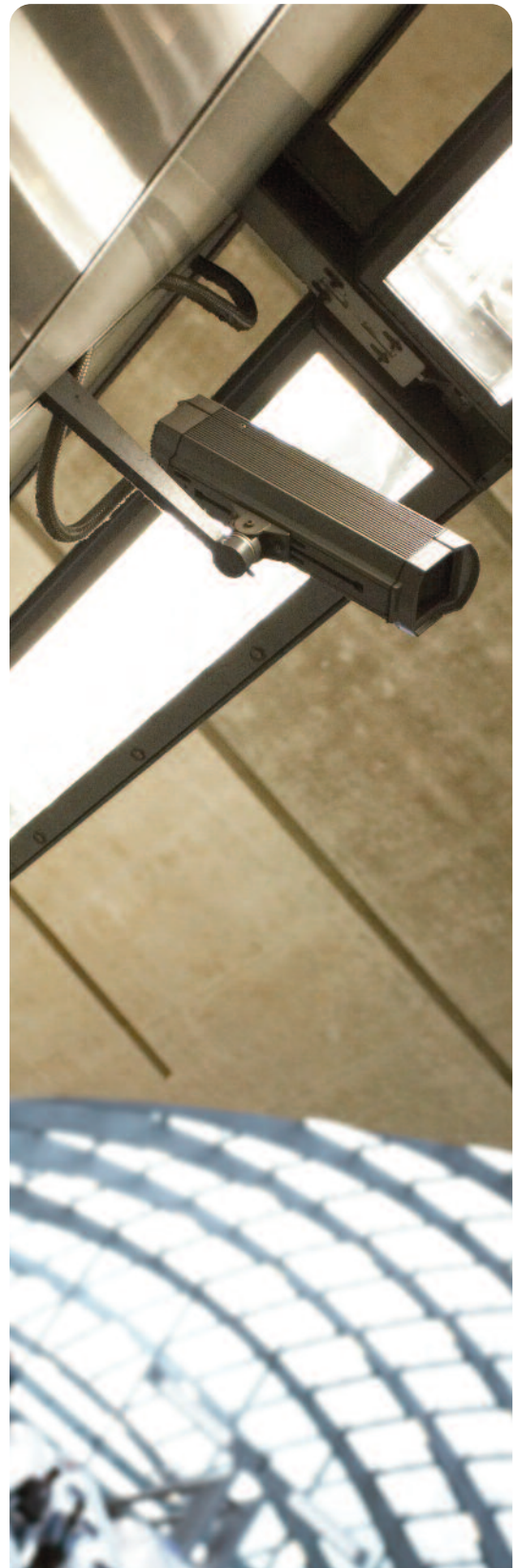
## Recognised Physical Security capabilities

Our services are now endorsed by Cisco's Physical Security team, allowing our customers to benefit from Cisco's market leading video surveillance products, Internet Protocol gateways, service platforms and stream manager software.

## Sophisticated solutions for tomorrow's security challenges

Taking a network centric, IP-based approach to physical security paves the way for the latest surveillance technologies and will allow security systems to continue to benefit from future advances including:

- **Video Analytics** – Either integrated into cameras or delivered by software in the control centre, analytic solutions can help security personnel to easily pinpoint events of genuine importance. Sophisticated analytic solutions can alert operators to predefined events or abnormal behaviour such as objects left in unexpected areas or movement in secure zones, automating the historically resource intensive task of threat detection.
- **Unified Communications** - Applying Unified Communications to your security solutions can also allow greater collaboration internally and with external agencies, as video recordings or live feeds can be more easily shared between users/devices including Mobile Data Terminals (MDT).
- **Intelligent Buildings** - Integrating surveillance solutions with other physical security systems creates opportunities for 'event driven' processes. Our MICA (Management, Integration & Control of Assets) platform can control multiple systems, from door access to alarm monitoring, to deliver these intelligent, automated responses to security events. For example, when a controlled door is opened the event will be recorded by the nearest camera for the duration of the event only. This ensures video storage is minimised without compromising the record of the event. Similarly, using new technologies like Cisco's Energywise, MICA can intelligently power up/down phones and PoE ports as users swipe into and out of the building or via ANPR as they enter or leave the car park. Integration with environmental systems allows similar levels of control over heating and lighting for a true iBMS solution.



### **Our comprehensive design service guarantees optimised system performance**

Our highly accurate desktop design service and in-depth surveys assure the effectiveness of final design and installation plans. During our work with London Underground infrastructure partner Tube Lines, we've developed the skills, tools, and processes required to perform high quality system surveys and designs and have commissioned over 1800 cameras in 44 stations.

Our survey teams use tools that we've designed in-house, ensuring a simple, efficient process. Our integrated approach to surveying, designing and commissioning systems address the complex logistics issues that often cause problems when trying to confirm that camera views are in line with the designs.

We've also developed a design technique that provides our designers and customers with an enhanced understanding of optimum camera positioning within any location. Bespoke graphic representations and advanced 3-D modelling allow a comprehensive view of the coverage that a system layout will provide, before any installation commences.

### **Total control at your fingertips**

We have a great deal of experience integrating CCTV with access control, public address and help point systems providing a single HCI (Human-Computer Interface) for more effective monitoring and improved response to incidents.

Our CCTV solutions fully comply with appropriate standards and legislation, and cover:

- Site survey and reports
- Threat analysis
- Network readiness assessment and reports
- Requirement specifications
- Test strategy
- Installation and commissioning plans
- Acceptance specifications



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