



CCTV system design

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

In the light and mainline rail sectors, CCTV provides station managers with a presence in environments where limited resources, budgetary constraints and other restrictions prevent an operative 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.

telent has over 20 years' experience of designing CCTV systems for this purpose as well as extensive experience of Track-to-Train CCTV, Driver Only Operation (DOO) or One Person Operation (OPO) systems for both main line and underground environments. Currently we are designing and installing an OPO system using microwave transmission to the train, a first in the UK.

System survey & design

Whether you're seeking to rollout a new surveillance solution or upgrade your existing CCTV system, an accurate desktop design and in-depth survey will determine the effectiveness of the final design and installation. 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 specialise in rail station CCTV systems and use tools that we've designed, ensuring a simple, efficient process. Our integrated approach to surveying, designing and commissioning systems addresses 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 a station. Bespoke graphic representations and advanced 3-D modelling allow a comprehensive view of the coverage that a system layout will provide, before installation commences.

Integrated station management

We have in-depth experience of integrating CCTV with access control, public address and help point systems allowing our customers to understand more effective monitoring and ensure improved response to incidents. We can also provide sophisticated analytic solutions that alert operators to predefined events or abnormal behaviour such as objects left in unexpected areas or movement in secure zones.

Next Generation Digital CCTV

Leveraging IP networking technology, **telent's** video surveillance solutions can enhance the effectiveness of your existing CCTV systems and/or enable rollout of new appliances. We can support your upgrade from analogue to digital or deliver the advantage of next generation surveillance products.

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.

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



t0013_MT_D_03-2009

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