

IP CCTV

Sharper security than ever before



Closed Circuit Television (CCTV) has been a familiar method of protecting your people, premises and equipment for years.

But now our Internet Protocol (IP) CCTV solution takes this security measure to another level. It enables you to monitor digitised video streams on a PC or web-enabled device from anywhere on your network. Now your footage is more secure, so there is less risk of losing important images.

IP CCTV is the clear choice

For new and replacement CCTV schemes, IP CCTV is the way to go. It revolutionises the way video is captured, accessed and stored. Live and recorded images can be viewed and controlled from any point on your network. Then, you can send them directly to the security personnel or police on the ground.

You get centralised control, helping you to reduce running costs of multi-site CCTV. This also allows you to rationalise and optimise staff and shift patterns.

IP CCTV includes familiar features such as:

- Integration with legacy hardware including matrix switches.
- Pan-Tilt-Zoom (PTZ).
- Audio, alarm, access and contact closures solutions.
- Viewing of multiple cameras at once.

But with IP CCTV, you can now also:

- Build custom point-and-click virtual tours of your facilities.
- Create digital tapeless storage – save space and stop images degrading over time.

Looking out for you

Our IP CCTV solution runs over our Metro Ethernet Virtual Private Network (VPN) and IPVPN platforms. So it's more versatile, powerful and easier to grow than analogue CCTV. Use it in its own right, or alongside existing analogue systems. Create a bridge between old and new platforms. It's seamless and flexible.

- Clever compression technologies reduce the bandwidth you need, yet still deliver 25fps real-time DVD-quality images.
- Conditional refresh rates, based on scene activity, also keep bandwidth needs down to a minimum.
- Adjust bandwidth remotely when you need it – without disrupting operations.
- Analytical software enables faster and easier filtering of live and recorded footage.

- Integrates seamlessly with Automatic Number Plate Recognition (ANPR), proactive face recognition and object analysis.
- Alarms can be customised and set to trigger on predefined areas, actions, behaviours or objects.
- New post processing techniques can be used to greatly enhance the effectiveness of your security solution.
- Alerts and updates can be sent, in text or images, to security personnel by email or mobile phone.

IP CCTV key facts

IP CCTV relies on the ability of the network to swiftly deliver high quality, high volume images. In fact, the capture of evidential quality images depends on this.

- IP CCTV includes transmission, management and recording solutions, converging everything onto a single network.
- We're working with recognised IP CCTV industry leaders to provide tailored design and installation for you.
- Recognised as a ground-breaking solution through awards such as IFSEC "security project of the year".
- Flexible enough to meet changing surveillance demands, such as adding new camera links and options.
- A single point of contact, with end-to-end project management and a dedicated support team.
- Everything is backed with tight SLAs (Service Level Agreements). We demonstrate absolute confidence in our ability to meet these levels by building service credits into these agreements.

Technical facts and features

Convergence	Available as standard over all IPVPN and Ethernet platforms
Hardware and Software	Proven IP cameras, codecs, video management software and recording solutions from the industry's leading manufacturers.
Recording	Direct or network-attached iSCSI RAID
Services	Design, installation and maintenance services are available
Service level	Service credit backed metrics including availability and fault fix
Audio	G.711 300Hz to 3.4kHz
COM Port	RS 232/422/485
Encoding/Decoding format	Each encoder/decoder can be configurable as M-JPEG, MPEG-2, MPEG-4 or H.264
Image quality	Each encoder/decoder can be configurable as QCIF, CIF, 1/2 D1, 2/3 D1, 2CIF or 4CIF
Frame rate	Each encoder/decoder can be configured for 1 to 25fps PAL (or 30fps NTSC)
Video management software features	Virtual matrix with full On-screen or In-picture PTZ camera control
	Archive player and DVD/CD exporter
	Alarm monitoring, management and automated response
	Fully customised site maps, user groups and interfaces



For more information about how our IP CCTV solution can help make your business safer and more secure, call 0800 052 0845 or visit www.virginmediabusiness.co.uk