THE BENEFITS OF
IP ENABLED PHYSICAL SECURITY SYSTEMS

Using 'Internet Protocol' (IP) enabled security systems is now a reality that brings many business benefits, including business intelligence, health and safety monitoring, physical security as well as reduced capital and revenue costs.

Since IP enabled systems are interoperable and modifiable, they are also flexible and adaptive.
As new functions and features become available through technological advancements, companies and organisations can incorporate them into their existing systems without the need for new infrastructure.

In a world where High Definition (HD) is present in our everyday home life, with TV, Smart Phones, and Cameras, why would you consider anything else for your organisation or business?

The IP Network

At the heart of any network, is the structured cabling, including Category 5e, 6 or 6A. With the introduction of Power over Ethernet (PoE) it's possible to power a variety of products over this cabling infrastructure.

In addition this infrastructure allows all of your security systems to be 'Converged' on to one common network providing business benefits to the user, saving time, and therefore money.

BENEFITS OF IP CONVERGED SECURITY SYSTEMS
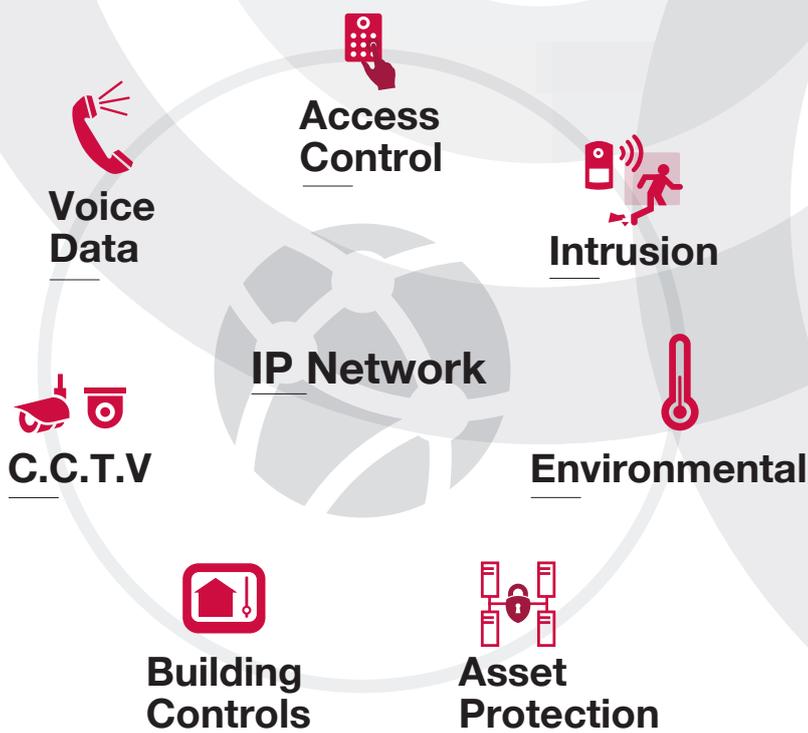
Examples Include:

Access Control

Voice Data

Intrusion

IP Network

C.C.T.V

Environmental

Building Controls

Asset Protection

Better Image Quality:
Using 720p, 1080p & 4K resolutions

Scalability:
The ability to deploy a virtually unlimited number of cameras, controlled doors and detectors

Complimentary Analytics:
Software is widely available

Rapid Deployment:
Of technology for temporary use

Energy Saving:
Through the deployment of PoE based solutions

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MYTHS SURROUNDING IP BASED SECURITY SYSTEMS

They "eat" network bandwidth...

Advancements in compression technology including h.264 have reduced bandwidth usage by up to 80%
The use of de-centralised recording and data storage prevents "bottle necks" and "Quality of Service" issues.

IP Systems are not secure...

Robust security is a given in today's business network environment
Firewalls and user privileges can be managed in exactly the same way as they are on the corporate LAN ensuring data and images are secure.
Viewing rights can be password and login protected and access attempts reported upon.
Image and data encryption is provided as standard.
With the correct design and configuration, network based systems offer a more secure data transmission method than existing analogue technology.

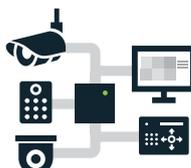## IP Surveillance is more expensive than analogue...

IP-based systems employ the use of more advanced technology and better image quality than their analogue predecessors do, as well as the convenience of remote access to both live and stored images. In addition, they support features like Power over Ethernet (PoE), therefore the installation of additional peripheral devices into the network is simplified.
IP-based systems also have a lower overall Total Cost of Ownership (TCO) than their analogue counter-parts, capitalising on the investment in your unified communications network.

Talk to the Experts

2020 Vision Systems are security professionals focusing on IP CCTV Security Systems, Access Control, Converged Security Solutions, Installation, ongoing Maintenance and Support.

All systems are designed to secure property, protect assets and ensure safe working environments.

Talk to us on +44 (0) 191 296 2662 or visit www.2020cctv.com

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