

Video Surveillance Systems - New Trainee Package - £650

Understanding BS EN 62676-4 and the requirements for installation and maintenance of VSS

Understanding CCTV and VSS Components and data transfer mediums

- Understanding Lenses, field of view, resolution, FPS and the application of CCTV/VSS.

1 day - Theory - Face to Face

Installation practices -

- Containment, Cabling Infrastructure, Cable management, Power requirements, Dressing and Terminating under BS 7671 and system requirements.

- Infrastructure used in both Analogue and IP based CCTV/VSS Applications

Half day - Practical - Face to Face

Installation practices -

- Device and hardware selection,

- Wiring topologies and data transmission mediums for both IP and Analogue systems

- Ancillary devices and control modules.

- Hard Drives and storage

- Power Supplies, POE switches and inline power sources

Half day - Practical - Face to Face

System programming -

- Camera functions and introduction to analytics

- programming schedules, alarms and alerts

- Setting up storage and user requirements

- Basic triggering from other systems e.g Intruder Alarm Systems and external detection devices.

Half day - Practical - Face to Face

System maintenance requirements - Basic system testing and reporting in line with BS 62676-4

Half day - Practical - Face to Face

Video Surveillance Systems - Engineer Upskill Package - £750

Applying BS EN 62676-4, BS 8418 and GDPR in design, installation, commissioning and maintenance.

1 day - Theory - Face to Face

Installation of Video Surveillance Systems -

- Cable management and power requirements under BS 7671,
- IP and Analogue Interconnections, wired and wireless data transmission
- Utilising outputs and linkage to 3rd party device monitoring and triggering
- Installation of systems ready for connection to cloud, VMS and servers.
- Installing systems for use in detector operated VSS in order to raise police response

1 day - Practical - Face to Face

Commissioning Video Surveillance Systems -

- System programming in line with requirements of BS EN 62676-4, BS 8418 and GDPR
- Programming features and functions to better utilise system functionality
- System Analytics driven from NVR, Camera head and 3rd party application.
- Set up of ANPR based analytics
- Applying DHCP, TCP/IP, SMTP and RSTP protocols
- VMS connection, programming and functionality
- Linking and monitoring of 3rd party systems
- Documentation requirements, Electrical testing and customer handover

1 day - Practical - Face to Face

Maintaining Video Surveillance Systems -

- Applying the guidance of BS EN 62676-4 and BS 8418 for system maintenance
- Fault finding throughout Video Surveillance systems
- System audit and special inspection during system takeover
- Identifying not compliances and system reporting

1 day - Practical - Face to Face