

Job title	Commissioning Engineer
Region	UK and EU Enterprise
Reports to	Projects Director

The role

To manage the commissioning requirements of multiple projects from pre-commissioning stage through to final client handover including issuing certification, system training and the finalisation of the O&M Manuals.

To ensure the project is fully commissioned in line with specification, GBE design and customer expectations whilst maintaining strict adherence to statutory regulations.

To provide a supporting role for the Project Manager in development of the commissioning process, documentation, and certification.

Duties and responsibilities

- Test & Commission Life Safety and Security Systems.
- Raise and submit the correct paperwork/certification for the project and issue in line with the project requirements.
- Carry out periodic verification of installation standards.
- Verify that installations are carried out to the project specification, company requirements and to the relevant standards/regulations.
- Supervise or overview Sub-Contracting commissioning resources as necessary.
- Produce regular commissioning status reports for the Projects Manager.
- Provide technical assistance, support, guidance to engineers and sub-contractors.
- Attend client and customer meetings to support the site team and as requested by the Project Manager.
- Support to the Project Manager for Commissioning Strategy and associated production of the commissioning RAMS.
- Identify issues and problems that will impact the successful commissioning of a project and assist the Project Manager in developing mitigation plans to minimise impact.
- Ensure all test equipment is maintained in good working order and kept within calibration date at all times.
- To commission any number of Fire Alarm, ASD, Voice Alarm, Disabled Refuge/Disabled Alarm, and Induction loop systems.
- Confirming and verifying the installed Life Safety systems meet the Project Specifications, Project Fire Strategy, GBEC Design requirements and compliance with BS5839-1 (fire alarm), BS5839-8 (disabled refuge), BS5839-9 EVC (PA/VA) and BS8300 (disabled toilet alarms). This includes, but not limited to:
 - Cause & Effect Management
 - Configuration Development
 - Point to Point and Field Testing
 - Panel Networking



- Setting up Head End Graphic
- Witness Testing and Demonstration of C&E and 3rd Party Integration
- Customer Training

AND/OR

- To commission any number of Security, Access Control, CCTV, Intercoms, Intruder Systems.
- Confirming and verifying the installed Security systems meet the Project Specifications, GBEC Design requirements and compliance NACOSS and British Standard Requirements, this includes, but not limited to:
 - IP Device Addressing
 - Maintaining IP Address Schedules
 - Setting and Configuring of Field Devices
 - Setting up headend equipment and Graphics
 - Patching of Networking Cables
 - Ensuring compliance with Fire Alarm C&E
 - Demonstration and witness testing of systems
 - Customer Training

Person Specification

Essential

- Site commissioning experience in construction or engineering environment and experienced in commissioning Fire Detection, Voice Alarm, Disabled Systems **AND/OR** Access Control, CCTV, Intruder systems to the applicable British, European and NACOSS Standards and knowledge of all relevant BAFE/BRE codes of practice.
- People management skills.
- Clear understanding of construction methods and sequencing.
- Experience of resource planning and programme management.
- Clear understanding of construction Health and Safety requirements, including management of RAMS and sub-contractors.
- Holds current CSCS/ECS Card.
- Experienced in achieving SLA's, identifying gaps against standards, and implementing improvement solutions.
- Demonstrable experience in achieving performance targets and driving performance through utilising metrics.
- Solid experience in effectively organising and coordinating multiple priorities whilst achieving tight deadlines.
- Highly resilient, responsive, and proactive, able to adapt to daily changes in workload and areas of focus.
- Excellent communication skills and attention to detail.
- Sound problem solving skills and analytical thinking with demonstrable experience of delivering actions plans to resolve issues and remedy disputes.
- Proficient with Microsoft Office Suite.
- Minimum of 3 Years' Experience Commissioning Medium/Large Projects.



Desirable

- Educated to City and Guilds, NVQ3 or relevant industry experience.
- SSSTS/SMSTS certified
- System Knowledge/Experience of the following:
 - **Fire Alarms:**
 - Siemens Fire Systems
 - Gent/Honeywell (Basic, Advanced, Networking and Winmag)
 - Advanced (Basic, Advanced and Networking)
 - Faast/xtalis ASD
 - **PAVA:**
 - Gent D1
 - Honeywell
 - Baldwin Boxall
 - **Disabled Systems:**
 - Baldwin Boxall

AND/OR

- **Security Systems:**
 - Milestone / Xplan / C-Cure / AMAG / Lenel / Milestone
 - Hikvision / Axis
 - Galaxy
 - Comelit
- We are an equal opportunities employer and value diversity. All employment is decided on the basis of qualifications, merit, and business need.

Group Compliance

As part of the company's compliance to The Health and Safety at Work Act 1974, ISO9001 for Quality, ISO14001 for Environmental and ISO27001 for Management Information Security, there are several key objectives that are issued each year upon management review that we expect all staff to work towards in order for the company to meet these objectives and include but are not limited to:

- Compliance to all legislative and British Standard requirements.
- Compliance to associated accreditation bodies schemes from NSI, BAFE, LPCB, FIA and others as required.
- Follow and comply with company policies and procedures.
- To maximise customer satisfaction with the services provided by GBE Converge.
- Working to reduce, renew and recycle any waste on and off our sites including our offices.
- To protect the environment and ensure use of toxic materials is avoided where possible.
- Staff will work to a best safe practice and ensure that their actions do not cause harm unto themselves or others.
- Staff will not tamper with any issued PPE or plant machinery that it may cause harm unto themselves or others.
- To ensure all minimum training requirements are met in compliance with the relevant ISO standards.
- To ensure that any Information Technology 'incidents' are effectively reported in a timely fashion (internally or externally)



- Always maintain a clear desk and screen.
- Compliance to ensure no deliberate breaches in security information and/ or systems.

Working conditions

The physical environment requires the employee to work in office and construction site locations around the UK and may involve travel to Europe from time to time.

Construction site locations will involve both inside and outside working environments and the employee will frequently be required to use personal protective equipment.

The employee may be required to work nights, weekends and on public holidays and may be required to spend time away in order to fulfil the job role.