
Job Specification

US Smart Buildings Lead.

Company

Fexillon

Contact

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Position – US Smart Buildings Lead

Company Profile

Fexillon LLC are the leading specialists in managing digital information for the whole asset lifecycle. The company manage quality approved information on projects for blue chip clients, across numerous sectors, including the pharmaceutical, data centre, healthcare, educational and architectural industries. Fexillon LLC is an award-winning company with over 20 years in business. The company is expanding globally and to facilitate this expansion, require a Customer Success Team Lead to work as an integral part of the US operation.

Company Culture

Organisational culture is a pattern of shared values and beliefs, giving members of the organisation meaning. Fexillon has a unitarist and collaborative culture, where the company and its teams share the same goals and objectives. Our people maximise their potential through company leadership and learning models.

Development of people is a key element of a leadership organisation. The Company Directors create a shared vision, inspiring all the team to believe in what they can become, as well as encouraging them to participate in the formulation of company strategy. This provides people with a platform for innovation and creativity.

A learning organisation continually transforms and promotes the learning of all its members. The Company believes in transferring knowledge quickly and efficiently throughout the organisation. Each employee has an individual education, training & development programme. Employees are participants not observers.

Fexillon is a collective powered by diversity and inclusion. It is a demanding family like business environment. The Company places a significant emphasis on sustainability, social responsibility and assisting community initiatives.

Company HR Mission

Empowering people to maximise their professional and personal potential in a challenging business environment.

Role Profile - US Smart Buildings Lead

The ideal candidate will have an excellent knowledge and passion for Smart, Connected, and Healthy Buildings – including hands on experience in scoping, implementing, and integrating the BMS, HVAC, EPMS, and other connected systems. We envisage a successful candidate to be able to perform and lead the assessment, certification, commissioning, and integration projects within the Smart Buildings vertical of the business, this includes working closely with the BIM experts on creating the Digital Twins to unlock new opportunities for operational efficiency, sustainability, and cost reduction, across customer building portfolio.

The position is based in Charleston, South Carolina.

Key Role Responsibilities

- Working alongside BIM and IoT experts to create accurate Digital Twins of real buildings
- Collaborating with the R&D teams to facilitate the data integration and data ingestion from existing building management systems into the Digital Twins
- Assessing the customer building portfolio and designing the integration solutions
- Performing on-site assessments of legacy and new BAS, BMS, HVAC, EPMS, and other systems in hardware-agnostic way to harness the vital building lifecycle data
- Perform critical assessments of customer building systems, human factors, and external conditions, to find the data gathering points, integration opportunities, and edge computing applications
- Assessing IoT hardware suppliers, devices, certifications, and QA processes
- Designing and coordinating integration projects with partners, suppliers, 3rd party systems
- Facilitating the building commissioning and O&M handover processes.

Skills, Qualifications & Competencies

- Experience in design, installation, operation & maintenance of Smart Building systems
- Embedded hardware and software engineering with proven track of delivering systems from design stage to manufacturing and after-sales support
- Hands on experience in:
 - using GSM, LTE, LTE-m, NB-IoT, LoraWAN, Sigfox, WiFi, Ethernet technologies
 - implementing UART, Modbus, BACnet/IP, MQTT, CAN, i2c, and other communication protocols
- Experience in both invasive and non-invasive (active/passive) hardware integration and connectivity techniques
- Good understanding of m2m data exchange techniques (REST, Webhook, Azure Event Hub, etc) between multiple data processing platforms.

Desired & beneficial skills

- Autodesk Revit
- Autodesk EAGLE or alternative PCB/schematics design tools
- Azure infrastructure: Defender for Cloud/OT, IoT Hub, Event Hub, etc.
- Any other relevant construction, electrical and/or mechanical engineering experience
- Experience in planning, scheduling, commissioning, and signing of the on-site implementation projects (for example: BMS installation, IoT deployment, Indoor Air Quality sensor installations, etc.)

Salary & Benefits

The role comes with a very competitive salary and an extensive suite of benefits. Salary will be dependent on relevant experience. This is an excellent opportunity for the right candidate to move to an innovative, successful business with ambitious growth plans. If the role excites you and you share our values, we would be delighted to hear from you. Please send your CV to careers@fexillon.com

Fexillon is an equal opportunities employer.