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JAC Recruitment Thailand

PR/120510 | BMS Design Engineer

Job Information

Recruiter

JAC Recruitment Thailand

Job ID

1614513

Industry

Other (Manufacturing)

Job Type

Permanent Full-time

Location

Thailand

Salary

Negotiable, based on experience

Refreshed

September 29th, 2026 10:17

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Daily Conversation

Minimum Japanese Level

None

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Position Overview

We are looking for a **BMS Design Engineer** with hands-on experience in **Tridium Niagara** and Building Management Systems (BMS). In this role, you will be responsible for designing, developing, and integrating building automation solutions, with a focus on HVAC controls, smart building technologies, energy management, and system connectivity.

You will work closely with customers, contractors, and project teams to deliver efficient, scalable, and future-ready building automation systems.

Key Responsibilities

- Develop and configure BMS applications using **Tridium Niagara N4**, including control logic, graphics, and system functionality.
- Design and implement control strategies for HVAC, chiller plant, and other building systems.
- Integrate equipment and third-party systems through open communication protocols such as **BACnet**, **Modbus**, and other industry-standard interfaces.

- Conduct site surveys to assess existing systems and determine integration requirements for retrofit and new installation projects.
- Create technical documentation including control narratives, point lists, integration specifications, testing documents, and project reports.
- Perform system testing, commissioning, troubleshooting, and performance validation to ensure successful project delivery.
- Support the deployment of BMS servers, controllers, and network-connected devices within customer IT environments.
- Coordinate with project stakeholders and provide technical guidance during installation, startup, and handover phases.
- Assist in developing smart building and cloud-connected solutions for monitoring, analytics, and energy optimization.

QualificationsEducation

- Bachelor's Degree in Electrical Engineering, Electronics Engineering, Control Engineering, Computer Engineering, or a related field.

Experience

- Minimum 2 years of hands-on experience with **Tridium Niagara N4** development and implementation.
- Experience in Building Automation Systems (BAS) or Building Management Systems (BMS).
- Background in HVAC, chiller plant, energy management, or commercial building systems is preferred.
- Experience in system commissioning, troubleshooting, and technical documentation.

About the Company

Our client is a fast-growing Japanese technology company expanding its Smart Building and IoT business across Thailand and the ASEAN region. This is an exciting opportunity to join an early-stage team and play a key role in delivering intelligent building solutions for commercial facilities, industrial sites, and data centers.

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Company Description