



Automation Engineer / Staff or Non line manager / Automation P...

ベーリンガーイングルハイム製薬株式会社での募集です。 IoT・AI・データマネ...

Job Information

Recruiter

JAC Recruitment Co., Ltd.

Hiring Company

ベーリンガーイングルハイム製薬株式会社

Job ID

1576995

Industry

Pharmaceutical

Company Type

International Company

Job Type

Permanent Full-time

Location

Yamagata Prefecture

Salary

5 million yen ~ 11 million yen

Work Hours

08:45 ~ 17:20

Holidays

【有給休暇】初年度（4～13日）＊入社日により付与日数が異なります 入社3か月目から付与 【休日】完全週休二日制 年末年始 祝...

Refreshed

February 5th, 2026 17:06

General Requirements

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Native

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

【求人No NJB2356000】

【Basic purpose of the job】

Mission:

Perform Automation Projects implementation and manage corrective and preventive maintenance for Factory Automation Systems aiming to achieve its strategic goals and objectives.

[Accountabilities]

Implement Automation Systems process control Supervision Systems that provide management information in real time using current and market tools through analysis of processes and future projects.

Perform corrective emergency and preventive maintenance of Automation Systems with direct corrective actions with the systems and/or their respective suppliers.

Define and implement together with management a viable and appropriate strategy for Automation Systems in the factory focusing on reducing complexity system reliability data and occurrence traceability and making information available on processes that support decision making by management quickly and accurately.

Assess the level of obsolescence in Automation Systems at the factory depending on the evolution and availability of technologies implemented and future proposing measures aimed at avoiding unforeseen stops in production for this reason.

Implement and control Automation Procedures and OT Cyber Security measures for Automation Systems according to Global BI Requirements.

Control and custody of backups and disaster recovery of the factory's Automation Systems ensuring restoration and return of data and operation in case of occurrences.

Monitor Cost Expenses related to Automation area to accomplish with expected yearly budget.

Create and establish strong relationship among internal customers stakeholders interface partners and global teams to assure the implementation and execution of Automation initiatives and activities.

[Regulatory and / or Organisational Requirements]

Accomplish with Japanese Regulation requirements.

Secure local and global Boehringer Ingelheim standards and policies implementation

[Job Complexity]

Scope Breadth:

Owns end to end lifecycle of factory Automation Systems: design/selection → implementation → operations → maintenance → lifecycle management → disaster recovery. Covers multiple system layers (OT + interface to IT) : PLCs/DCS SCADA/HMI MES historians supervision systems edge gateways industrial networks and data integrations to business systems.

Decision Making Autonomy:

Defines factory wide automation strategy with management balancing reliability traceability data availability and complexity reduction. Prioritizes investments and maintenance actions across legacy and new technologies to minimize obsolescence risk and unplanned downtime. Chooses vendors tools architectures and cybersecurity controls aligned to Global BI/OT requirements.

Problem Solving Ambiguity:

Troubleshoots complex multi cause failures across controls networks software and supplier components · often in real time production conditions. Designs pragmatic DR/backup regimes and restoration procedures that meet RPO/RTO targets for critical OT systems. Resolves conflicts among stakeholders (production quality maintenance IT safety global teams) with competing objectives.

Operational Pressure

Balances corrective/emergency maintenance with preventive programs without disrupting production targets. Manages yearly automation budget and cost controls amid unforeseen events. Coordinates cross functional execution for initiatives with high change impact while keeping compliance and safety intact.

[Interfaces]

External: Regulatory Agencies Suppliers Entities

Internal: Yamagata departments and Global GFE Automation Network

[Job Expertise]

Technical Expertise (OT/Automation) :

Controls Systems: PLC/DCS programming and commissioning; SCADA/HMI configuration; MES/workflow; data historians; OPC UA/MQTT/Modbus; alarm management; batch/process control. Industrial Networking: Ethernet/IP Profinet industrial VLAN segmentation firewalls remote access DMZ architectures time sync (NTP/PTP) . Data Integration: Real time data collection event/occurrence traceability KPI pipelines to management dashboards; interface with BI/IT systems. Reliability Lifecycle: Preventive/predictive maintenance design spares/firmware management obsolescence audits migration planning cutover strategies. Backup DR: Backup regimes test restorations failover/runbooks; defining RPO/RTO and validating recovery procedures. OT Cybersecurity: Asset inventory risk assessment network zoning least privilege patching vulnerability management incident response aligned to Global BI/OT policies.

Methodologies Standards:

Familiarity with ISA/IEC 62443 (OT security) ISA 95 (enterprise/plant integration) ISA 88 (batch control) alarm management standards change management and management of change (MoC) .

Leadership Business Skills:

Strategy formulation for automation roadmap and complexity reduction. Vendor management and contract/SLA negotiation. Budgeting cost tracking and value realization (OEE downtime MTBF/MTTR improvements) . Cross functional communication stakeholder alignment training/enablement for operators/maintenance teams.

[Job Impact]

Operational Reliability Continuity:

Reduces unplanned downtime via robust preventive programs rapid corrective actions and DR readiness. Improves mean time to repair (MTTR) and extends mean time between failures (MTBF) through standardization and lifecycle management.

Data Driven Decision Making: Enables accurate real time management information (production quality energy alarms) for fast decisions. Strengthens traceability of events batches deviations and interventions · supporting audits and continuous improvement.

Cyber Risk Reduction:

Lowers likelihood and impact of OT cyber incidents with proper zoning hardening access control monitoring and incident response adherence to global requirements.

Financial Performance: Optimizes automation spend (capex/opex) through vendor strategy migration timing and reuse/standardization. Protects revenue by avoiding production stops due to obsolescence and by faster recovery from incidents.

Scalability Standardization:

Reduces system complexity enabling easier support faster onboarding and consistent practices across lines/plants. Creates reusable automation patterns and governance (local and global) that scale with future projects and technologies.

People Collaboration:

Builds strong relationships with internal customers and global teams accelerating initiative adoption and reducing change friction. Elevates plant capabilities through training documentation and clear procedures.

Required Skills

[Required Capabilities (Skills Experience Competencies)]

■Work Experience

Over 1 year of Automation Experience

Pharmaceutical knowledge is desirable.

Experience on international collaboration and project execution is desirable.

■Hard Skills

Knowledge on PLCs Controllers Frequency Invertors etc

Knowledge on Sensors and Instruments

Field Bus and Ethernet Network Concept

Cyber Security Concept (Firewall Antivirus Physical Structure etc)

OPC UA Server Scada Systems (eg.: Copadate Siemens etc) BMS/EMS MES WMS LIMS ERP Cloud Solution Concept

IT Concept (Operation System Database Server Active Directory Remote Access etc

■Soft Skills

Teamwork

Proactive and Creative

Communication and Good Relationship

Focus on Customer

Ownership

Resilience

Organization

Analytical Thought

Company Description

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