制御システムエンジニア　Senior Engineer, Systems Engineering

外資系化学メーカー　半導体製造における電子材料を製造

募集職種

採用企業名
インテグリス・ジャパン株式会社

求人ID
1575340

業種
化学・素材

会社の種類
外資系企業

雇用形態
正社員

勤務地
山形県, 米沢市

給与
500万円 ~ 850万円

勤務時間
9:00〜17:15　（所定労働時間　7時間15分，　休憩60分)

休日・休暇
完全週休2日制（土・日）、祝日

更新日
2026年02月05日 10:40

応募必要条件

職務経験
1年以上

キャリアレベル
中途経験者レベル

英語レベル
日常会話レベル

日本語レベル
ネイティブ

最終学歴
大学卒：学士号

現在のビザ
日本での就労許可が必要です

募集要項

≪募集要項・本ポジションの魅力≫

- SPC、MES、OEE、IoTなど製造システムの設計・導入・改善を担う制御システムエンジニア業務
- 工場DXをリードし、生産効率・品質・収益性向上に直接貢献できる高い達成感
- グローバル標準のシステム構築に関わり、IT×OTの専門性を深められる
- 正社員として安定就業しつつ、英語力と最新デジタル技術を活かせる環境

【業務内容】

米沢にある当社の拠点では、インテグリスのデジタルトランスフォーメーションをリードする制御システムエンジニアを募集しています。

SPC、MES、OEE、IoT、データ分析などの製造ソリューションの設計、提供、保守、改善を行って頂きます。生産指示系システムの開発、データ収集、トレサビリティー、見える化システムの開発など、私たちの使命は、さまざまな事業部門にまたがるステークホルダーの業務ニーズを理解し、効率性、生産性、収益性の向上を推進するために、グローバルに調和したソリューションを開発・導入することです。

■The Role:

The core purpose is the mission of the job – why it needs to be filled and how it fits into the organization. By narrowly defining the Core Purpose, you're able to define what's needed to solve the existing business challenge(s)

Our site in Yonezawa Japan is seeking a Control System Engineer to join our team to help lead Entegris through is digital transformation. This role will design, deliver, maintain, and improve manufacturing solutions such as SPC, MES, OEE, IoT, Data Analytics.

The Manufacturing Systems Solutions Group is dedicated to achieving operational excellence throughout our global manufacturing processes by leveraging digital platforms and technologies. Our mission is to understand the needs of our stakeholders' operations across the various business units, and to develop and implement globally harmonized solutions to drive improvements in efficiency, productivity, and profitability.

■In this role you will:

What are the expected outcomes? What must this role get done in order to meet your business objectives? Define "what success will look like."

- Develops, recommends, and implements controls solutions and programs that improve the reliability and efficiency of production, utility and facility equipment, reduce maintenance and operating cost (total cost of ownership), and reduce the potential of critical equipment failure.
- Support software and hardware new installation, upgrades, and improvement. Example: rolling out new application versions or replacing servers.
- Ownership of system architecture and collaboration with IT and other plants to streamline and push enterprise automation solutions.
- Manufacturing Systems Management: Optimize, and execute policies of the manufacturing systems such as real-time Statistical Process Control (SPC) systems, Overall Equipment Effectiveness (OEE), Manufacturing Execution Systems (MES) and related modules that are deployed to the manufacturing sites.
- Ensure solutions meet regulatory requirements and internal standards for usability, data integrity, cybersecurity.

■Your success will be measured by:

- Success for the role is not defined solely on the outcome of a project but rather a combination of the results and how these results were achieved. Describe the PACE value competencies that are required.
- Commitment to safety for colleagues and the environment.
- Completion of critical projects in a manner that satisfies the customer (internal or external), is within the agreed upon timeline and budget, and exemplifies our core PACE values.
- Collaboration with the Manufacturing Engineering team and Production team and R&D team.
- Ability to lead teams and implement long range vision elements as related to automation through continuous improvement initiatives and strategic planning.
- Ability to work with a diverse group of people across geographies and skill sets to accomplish automation objectives.

米沢工場を中心としたEntegrisの紹介ビデオをぜひご覧ください。

【インテグリス米沢工場で働こう！Join Us! Entegris Yonezawa Manufacturing Facility】

https://www.youtube.com/watch?v=pTjgPDE_OAk

スキル・資格

【必須要件】

- SQL、特に MS-SQL の経験
- TCP/IP等のネットワークプロトコルについての基礎知識
- 産業用通信ネットワーク (Ethernet/IP、EtherCAT、Modbus、シリアル) の経験
- SPC、MES、LIMS、ERPシステムの理解
- オペレーショナルテクノロジー（OT）分野における産業用イーサネットネットワーキングの中級レベルの理解
- 優れた問題解決能力と細部への注意力、優れた対人スキルを備えた、やる気があり自発的なチーム プレーヤー
- 英語（技術的な会話やメールに対応できる英語でのコミュニケーションスキル）

【Traits we believe make a strong candidate:】

What are the Position Specific Competencies? Define the skills/competencies necessary to do the job. These should tie directly back to the purpose and outcome.

- Working experience with SPC, MES, LIMS, and ERP systems.
- 3-5 years of engineering management experience handling multiple projects with a strong understanding of project management principles and software tools
- At a minimum, an intermediate understanding of industrial ethernet networking in the operational technology (OT) space.
- Experience with SQL, in specific MS-SQL. The ability to navigate, create and optimize databases for historical data storage and data mining.
- Familiarity with SCADA systems.
- Experience with industrial communication networks (Ethernet/IP, EtherCAT, Modbus, Serial)
- Ability to work effectively with IT, Operations, Engineering, and Quality Teams
- Excellent problem-solving skills and attention to detail.

- A motivated and self-directed team player with good interpersonal skills. Must have ability to reach out, communicate and influence personnel at all levels within the organization.
- English communication skill for technical conversations and emails.

会社説明