



An ATN Services Company

Professional Industrial Consultants

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PLANT FLOOR SYSTEMS (PFS)/MANUFACTURING EXECUTION SYSTEMS (MES) PROJECT ENGINEER 21-406 – 10+ Positions

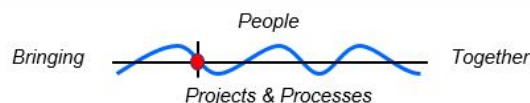
SUMMARY:

- This is a hybrid Controls/IT position **responsible for design, integration and test systems Plant PFS & MES** Infrastructure/Controls/Communication Systems and integrates back to the client's IT systems
- Work closely with the client to **determine and understand Controls/IT/Communication System facility needs.** Assesses the systems for functionality, load, capacity and implements appropriate engineering automation solutions.
- Perform PFS/MES systems field checks, network, and hardware designs, programming, configuring, and validating system functionality including Ethernet, Ethernet IP, PLC's, HMI interface software and PC's
- Develop and design controls hardware, network, and communications drawings
- **Develop and design the controls software packages** utilizing Programmable Logic Controllers (PLC), and/or Human/Machine Interfaces (HMI) as well as customer developed Plant Floor System configurations
- **Review and implement customer-supplied specifications** to ensure the functionality of the equipment meets these specifications
- **Start- up and commission** equipment to make sure it operates in accordance with the customer requirements
- **Program PFS equipment** and integrates systems per the customer specifications and with emphasis on both consuming and producing data
- **Experience with Error Proofing, Quality Andon, material pull and maintenance alarming**
- Meets with customers to document system requirements
- Review, evaluate, and understand customer-supplied specifications to ensure PFS functionality and meets Client Specs
- Participate in Automation Equipment start-up and commissioning in the client's facilities
- Provides technical support and training to the end-user at the customer facility

EDUCATION AND EXPERIENCE:

- Preferred Bachelor's degree in an engineering discipline or technical diploma
- 3+ years of experience designing software packages utilizing PLC's, and/or HMI Interface
- 5+ years of experience with Ethernet IP, Ethernet, and Device Net networks
- Will operate in both a professional office environment and a manufacturing environment
- May work in areas where ear, eye, and/or foot protection is required
- Days and hours of work may vary based on the project assigned
- May be able to travel when required

♦ OVERALL PROGRAM / PROJECT MANAGEMENT
 ♦ MASTER PROGRAM / PROJECT SCHEDULING
 ♦ TECHNICAL SUPPORT / CONTINUOUS IMPROVEMENT
 ♦ ENGINEERING / FABRICATION / TESTING / LOGISTICS
 ♦ INSTALLATION / QUALITY / INITIAL ACCEPTANCE
 ♦ COMMISSIONING / LAUNCH / FINAL ACCEPTANCE



STAMPING / PRESSES / MILLS ♦
 BODY SHOP TOOLING / AUTOMATION ♦
 PAINT FINISHING SYSTEMS ♦
 GENERAL ASSEMBLY TOOLING ♦
 MATERIAL HANDLING / CONVEYORS ♦
 PLACEMENT SERVICES ♦