



# Senior Manufacturing IT Systems Engineer

**Reports: Director of Operations**

**Indirect Report to: Operations Manager, Corporate Global IT Manager**

## Company

Metrics works Effingham is a dynamic machining and manufacturing operation, belonging to a family of Metrics Holdings companies. Operations are almost 12 years old with a stellar reputation in its community and industry.

## Description

Senior IT Systems Engineer is a unique position sitting at crossroads of manufacturing automation, systems automation and operational improvements

## Related Positions

IT Engineer, Network Specialist

## Key Duties

- Leading the design, implementation, and maintenance of software systems that integrate with manufacturing, business data and various operational software.
- Responsible for improving the operational systems, processes and policies in support of organizational mission – specifically, support better management reporting, information flow and management, business process and organizational planning
- Leading and contributing to key factory transformational programs to improve OEE, Equipment Up-time, hourly productivity and reporting.
- Support development and adoption of company best practices for software and process technologies.
- Work with Operations manager and conduct occasional capacity analysis, time-studies and engage in value stream mapping and design seminars to improve production lines and processes.
- Engage in managing manufacturing projects for new model development or pilot launch, as needed
- Evaluate IT infrastructure for the site and work with other Corporate IT resources to improve and manage as needed.



- Help improve the company's maintenance process and software to help improve Up-time and increase equipment life.
- Work with tooling and setup team members to improve perishable tooling process and costs
- Evaluate best-in-class software tools for various manufacturing departments and teams to improve productivity, including but not limited to maintenance, tooling tracking, machinery uptime, productivity, IoT implementations, warehousing, EDI, etc.

## Required Skills

- Requires BS in STEM field (Preferably IT or Industrial / process)
- Must have 3 years of manufacturing environment experience
- Experience with systems engineering, IT analyst, or similar Manufacturing experience, a plus
- Experience in Manufacturing Execution Systems, Data Automation, Connected Manufacturing, a plus
- Team player with ability to successfully meet project milestones in a matrix environment.
- Experience with robust system implementations and troubleshooting support.

## Metrics:

### Quantitative

**1] Productivity (Parts / Employee hour) improvements**

**2] OEE Improvement**

**3] Time and Accuracy of Reporting**

**4] Equipment uptime on selected projects**

**5] Maintenance costs Qualitative**

**6] Speed and Accuracy of improvement**

**7] Machine connectedness**

**8] Successful software implementation and adoption for various processes**