



## Data Driven Manufacturing

## The Future of Manufacturing



**Digital Transformation** - Our engineers will guide you through transforming your traditional, linear manufacturing system into a dynamic, interconnected organization.



**Data Analytics** - Discover new information and identify patterns that enable your business to improve processes, increase supply chain efficiency, and identify variables that affect production.



**Predictive Maintenance** - Failures and downtime happen. Reduce these interruptions by anticipating maintenance requirements. Analyze operational data from machines to find patterns that allow operators to predict when maintenance will be required and schedule it.



**Artificial Intelligence** - Leverage AI's machine-learning technology and pattern-recognition software to improve your manufacturing goals. Shorten design time, reduce materials waste, improve quality control, perform predictive maintenance, and more.



**Robotics** - Robots protect workers from repetitive, mundane, and dangerous tasks, while also creating efficiencies from raw material handling to finished product packing.



**Cyber Security** - Digital technologies, such as connected devices in the Industrial Internet of Things, artificial intelligence, and robotics, are changing the digital landscape for industrial companies. Seifert Technologies takes cyber security very seriously and will ensure that your network and data stay protected and secure.

Manufacturing is a fast-paced industry where success is dependent on timing and quality. Many manufacturers have an ongoing smart factory initiative. However, very few collect data from production, supply chain, and workers, and this data remains in silos, leaving the majority of industrial intelligence untapped. Manufacturers are recognizing the Industrial Internet of Things (IIoT) is rapidly becoming a transformational opportunity. Seifert Technologies can help your business monitor key performance indicators (KPI) and solve difficult challenges such as:

- Optimize Machine Utilization
- Reduce Unplanned Downtime
- Improve Product Quality
- Track Production Processes
- Reduce Waste/Scrap
- Improve OEE

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Data-Driven  
Solutions

Corporate Headquarters  
2323 Nave Rd. SE  
Massillon, OH 44646  
(330) 833-2700

Cleveland Division  
6100 Oak Tree Blvd., Suite 200  
Independence, OH 44131  
(216) 643-6712

Nashville Division  
51 Century Blvd, Suite 101  
Nashville, TN 37214  
(615) 883-3140