

Intelligent Manufacturing: The Future is Closer Than You Think

Manufacturers find themselves under extreme pressure these days. Products are becoming obsolete more quickly than ever before, the competition keeps getting stronger and every mistake could prove costly in highly disruptive markets.

Customers all around the world have also evolved and now possess tools capable of helping them make a buying decision in mere seconds.

This is why organizations need to stay agile, make production runs shorter, innovate quickly and adapt to lightning-quick trends and market shifts.

These are not the only issues manufacturers have to face:



Downtime and waste

An estimated 30% of maintenance costs are related to unnecessary expenditures associated with bad planning, overtime, and spare parts inventory carrying costs.



Increasing efficiency and department synchronization

37% of organizations across the globe report that their departments have unsynchronized agendas, leading to slower business processes.



Reducing cost and improving supply chain and production-related processes

The percentage of companies not considering supply chain automation solutions dropped by more than half in 2018, plummeting from 40% to just 17%.

In order to overcome these challenges, manufacturing has the opportunity to evolve in several ways:

Transparency and visibility have become key elements of production thanks to the Cloud

- Seamless, real-time communication between plant floors and business systems is possible thanks to cloud-enabled technologies.
- Better decisions are made as data flows quickly and accurately through cloud-hosted servers and your organization.

Business Intelligence is processing data tirelessly

- Self-service capabilities and customizable visualizations help users create highly informative data reports and provide valuable insights on a regular basis.
- Business Intelligence only gets better with time, pulling larger and larger quantities of data and using it for highly precise analyses.

Supply Chain processes are improved thanks to technologies such as IoT, AI and Machine Learning

- Elevate efficiency through next-gen predictive maintenance, demand forecasting, inventory optimization, anomaly insights, quality assurance and connect your efforts in a single network.
- Advanced analytics enable asset and process micro-management, with unprecedented, granular control over manufacturing.

In today's age, manufacturers are expected to do an incredibly diverse range of things, all the while preparing for market shifts and avoiding disruptions that could have disastrous effects on their operations. In order to overcome these unfair conditions, transforming manufacturing processes into intelligent ones is essential.

With Merit Solutions, Intelligent Manufacturing is a step away – and so is future-proofing your endeavors. Visit www.meritsolutions.com for more content on how to digitally transform your efforts.