







Al and Machine Learning

Artificial intelligence and machine learning are two of the most important technologies in a digitized factory;

- Increased production capacity
- Intelligent resource use
- Prediction of customer demand
- Optimised operational efficiencies
- Enabling all business departments to work together

Digital Supply Chains

For creating a digital factory of the future, manufacturers must integrate the entire supply chain, by incorporating every stage of the product lifecycle. The end goal is to create a supply chain ecosystem where the relation between various parts of the machine is affected by changes that happen elsewhere in the system.

This will allow the manufacturer to have a realtime overview of all the links in the supply chain and will enable them to simulate different scenarios that may occur in the future.





Rapid Iteration

Digitization will not only make the manufacturing process faster, but will also help in driving innovation through rapid process iteration.

What fuels the iteration speed?

- Better data sharing across organizations/divisions
- Software suits via API

Summary

As we move to Industry 4.0, we realize that digitization is not the end of the story of digital transformation. But is a crucial start to it. Once most of the processes are digitized, then technologies like machine learning, AI, IIOT, digital twin, and an all-inclusive product lifecycle can emerge.

