

# EIGHT RECOMMENDATIONS

## FOR GETTING STARTED WITH AI IN MANUFACTURING



### PICK THE RIGHT USE CASE

The right use case solves a real problem, is technically doable and makes business sense. Don't jump on the latest hype but stick with proven solution e.g. classical AI for visual inspection.

### DO A PROOF-OF-CONCEPT

A proof-of-concept study is the best way to convince yourself and your colleagues of the value of AI. With the right partner a carefully selected POC can be done affordably within weeks.

### BUILD AN AI ROADMAP

The POC is the first step, the roadmap allows you to formulate your mid- to long-term AI implementation strategy. It helps to align the executive team as well as your colleagues behind your AI plans.

### DATA IS CRITICAL

AI models need lots of data. To ensure you have enough data invest in data collection and storage and clean the data for accuracy and consistency. If AI projects are delayed it's almost always because of data availability and quality issues.

### THINK CHANGE MANAGEMENT

Internal resistance is a common reason for challenges with AI implementations. Proactively address fears of job loss, lay out the value of AI for colleagues in quality, engineering, operations, and maintenance and secure the buy-in of IT/OT.

### UPSKILL PEOPLE

Work with your team, make them part of the AI journey. Develop a workforce that is comfortable with AI so you are able to build and maintain AI solutions in house. AI also helps attracting new talent.

### INTEGRATION IS KEY

Ensure that AI seamlessly integrates with legacy machines, ERP systems, PLCs , etc. Avoid costly disruptions by adopting solutions that work alongside current operations without requiring a complete overhaul.

### DON'T DO IT ALONE

AI model development and training, data wrangling and integration with legacy systems, and building a flexible and scalable platform requires time as well as AI and manufacturing expertise. It's an easier journey with an experienced partner.