AI IN MANUFACTURING

395% EXPECTED GROWTH AI WILL BRING TO MANUFACTURING BY 2025

MANUFACTURERS THAT PLAN TO INCREASE AI SPENDING **56%**

40% REVENUE BOOST IF APPLYING AI UNTIL 2020

7 USE CASES

DETECT FAULTS
AI-assisted visual inspection machines detect faults with 90% greater accuracy than humans.

Cobots are better at engaging with humans and less dangerous to work alongside.
CREATES A SAFER WORKPLACE

PREDICTIVE MAINTENANCE
AI can predict maintenance cycles of machinery

AI systems explore all possible designs and generate better design alternatives
GENERATIVE DESIGN

REDUCE UNPLANNED DOWNTIME
AI can formulate predictions regarding asset malfunction, allowing for reductions in unplanned downtime

AI algorithms identity emerging production faults that are likely to cause product quality issues.
QUALITY CONTROL

OPTIMIZE SUPPLY CHAIN
AI algorithms formulate estimations of market demands to optimize staffing, inventory control, and energy consumption.