



Common Engineering Facility Centre (CEFC)



SMART FACTORY



Department of Instrumentation
and Applied Physics
Indian Institute of Science Bangalore



Department of Aerospace
Engineering
Indian Institute of Science Bangalore



Materials Engineering
Indian Institute of Science Bangalore



Department of Mechanical Engineering
Indian Institute of Science Bangalore



Department of
Management Studies
INDIAN INSTITUTE OF SCIENCE



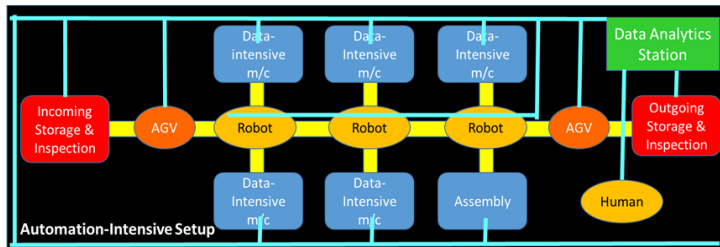
YASKAWA



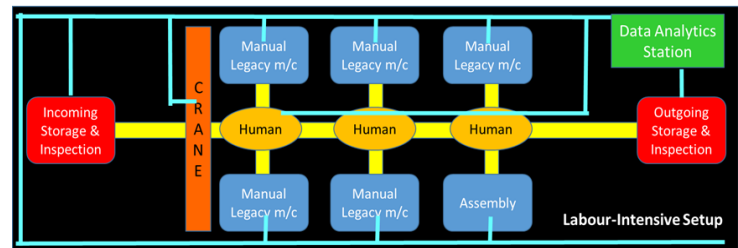
faurecia

Two contrasting platforms

These platforms will collect data from all interconnected tools, people, processes, resources and environment, and analyse these using advanced data analytics to help manufacturers enhance productivity, quality, safety and resource utilisation

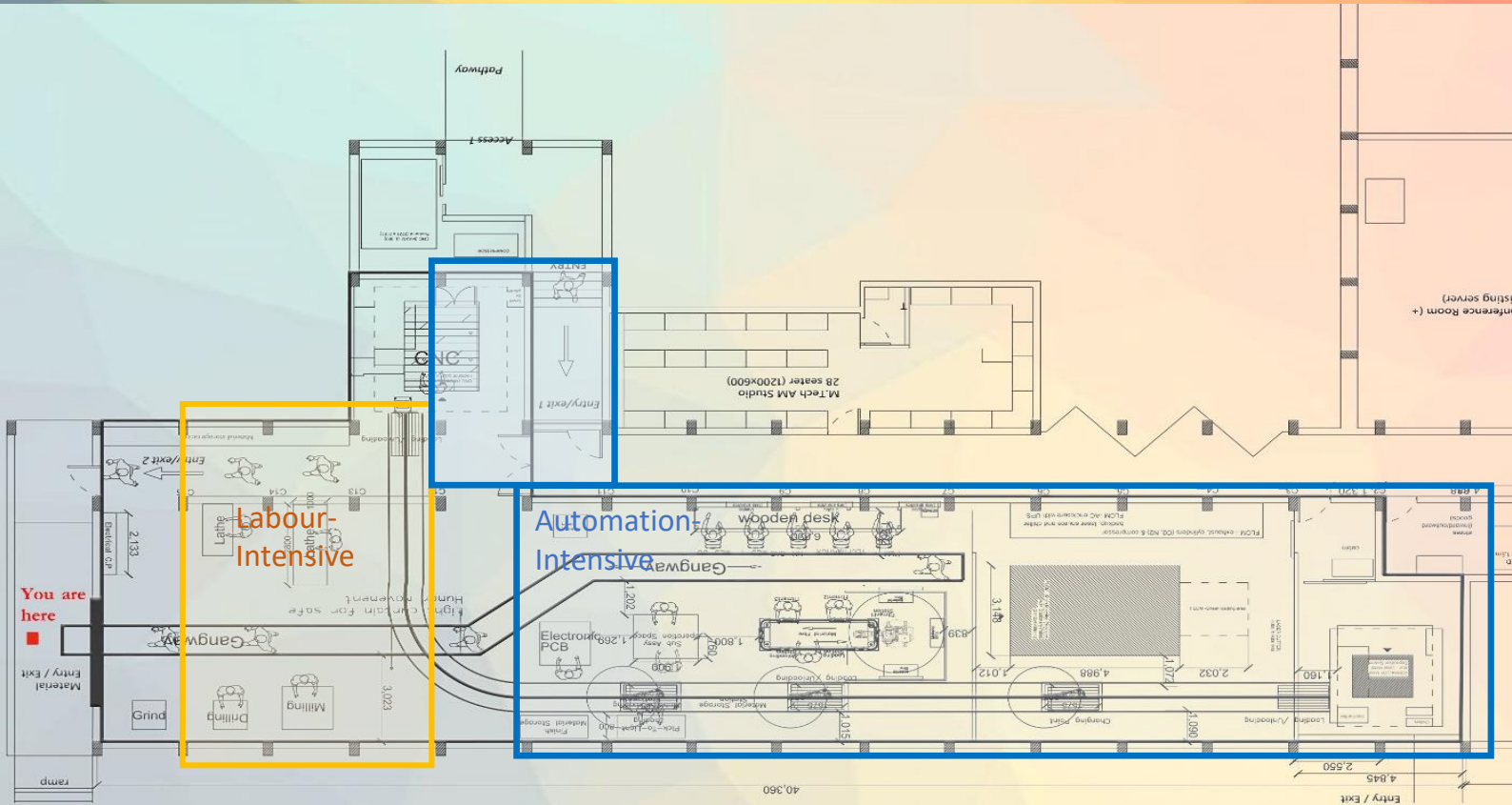


An **Automation-Intensive platform** for high-value manufacturing to showcase what networked automation can offer.



A **Labour-Intensive platform** for high impact manufacturing that uses smart solutions to empower labour for the majority of MSMEs

CEFC FACILITY





IISc Smart Factory Inauguration 13Dec 19

Dr AR Sihag, Secy HI, Prof Anurag Kumar, Director IISc

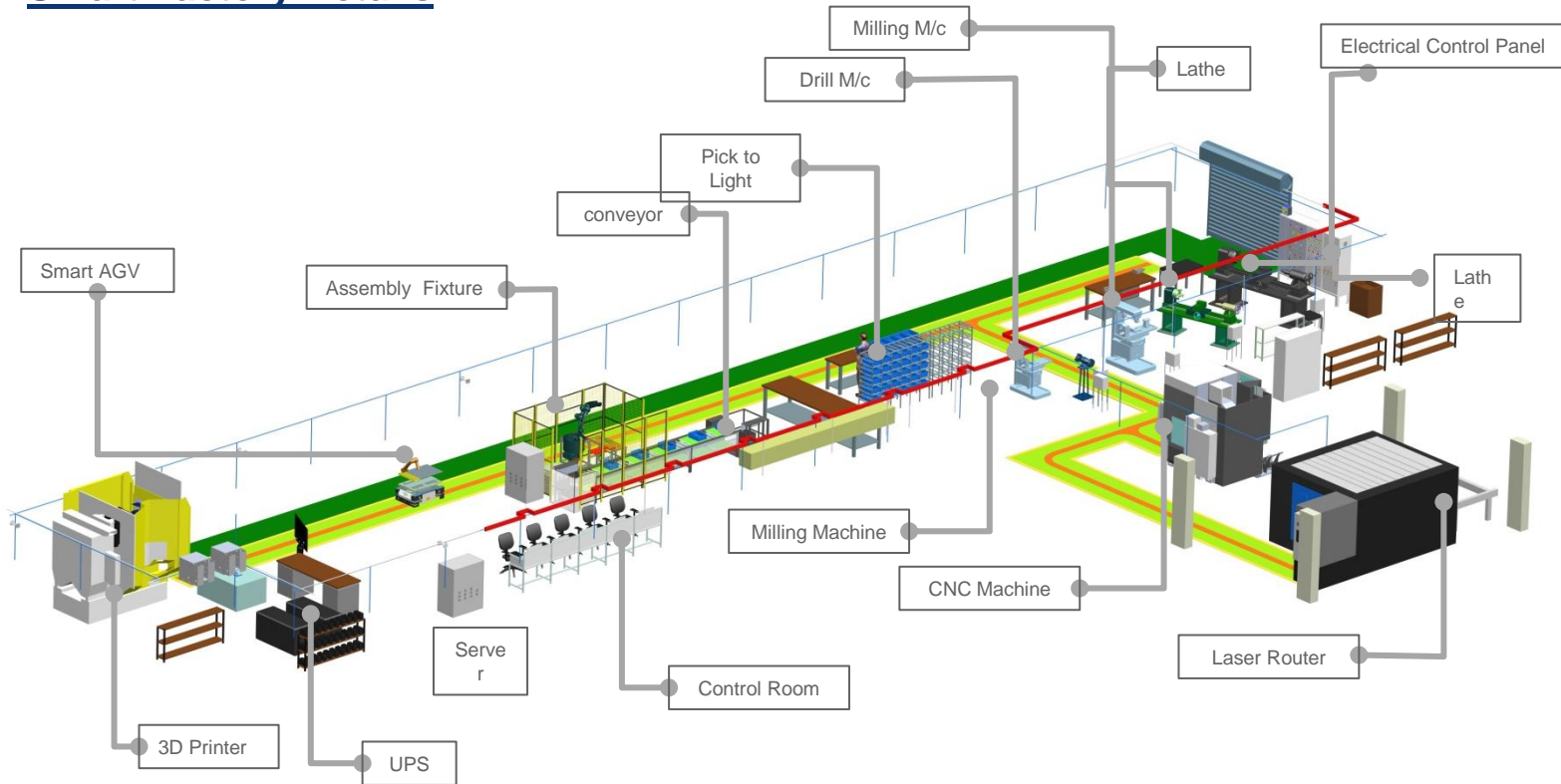




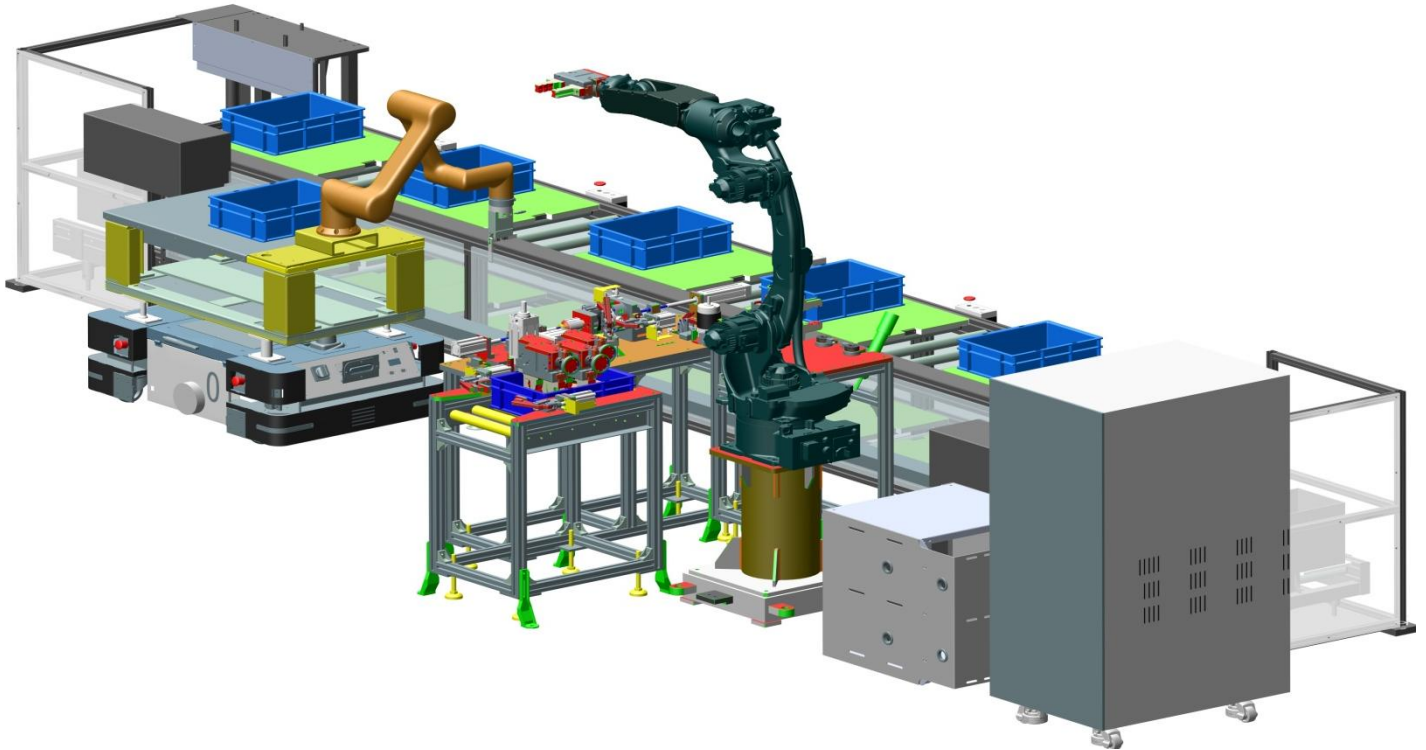
Automated Assembly



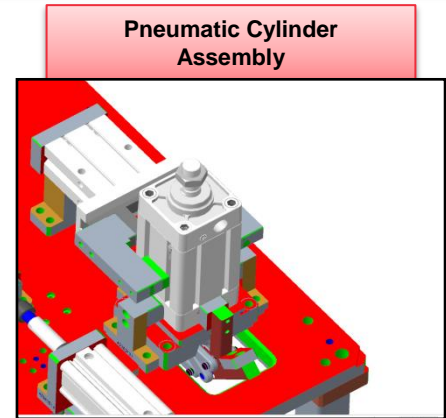
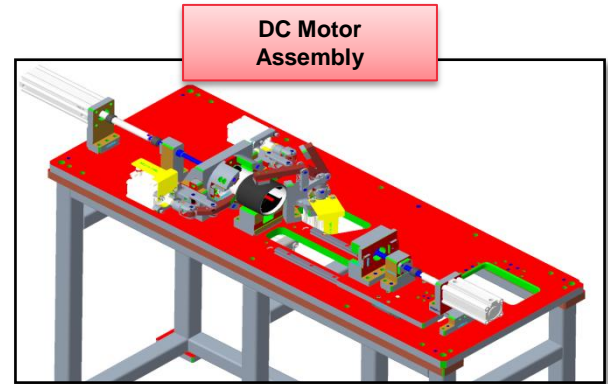
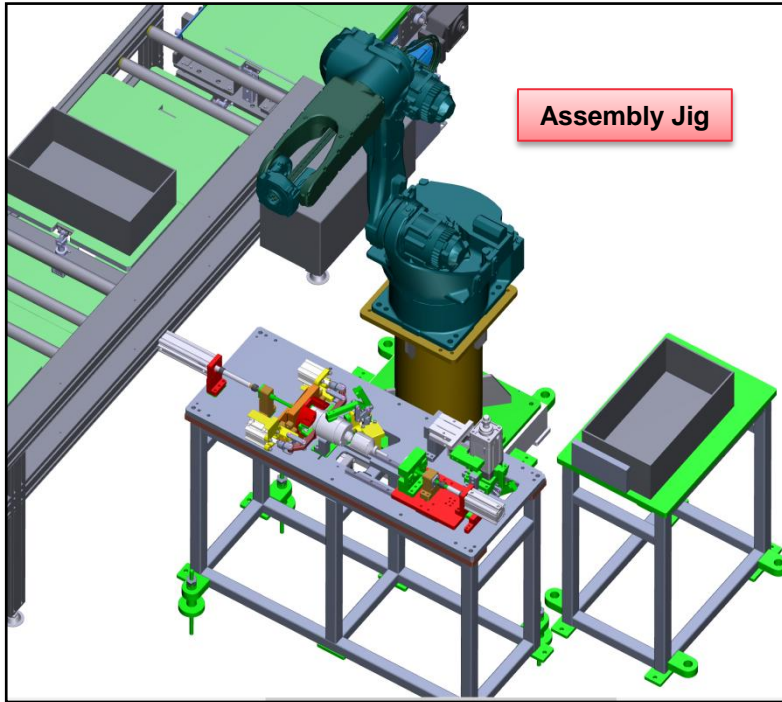
Smart Factory Details



Assembly Details



Smart Factory Update: Physical Factory



Assembly conveyor & Smart AGV



Legacy machines





Thank you!