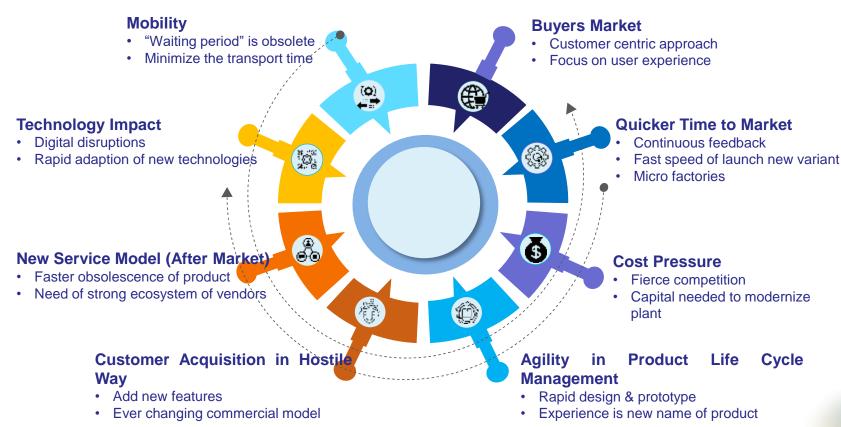


Connected

Enterprise
Date 30th June 2023



Driving forces behind Connected Enterprises



Key elements of Connected Enterprises

After market support services

and value-added services

Connected Supply Chain

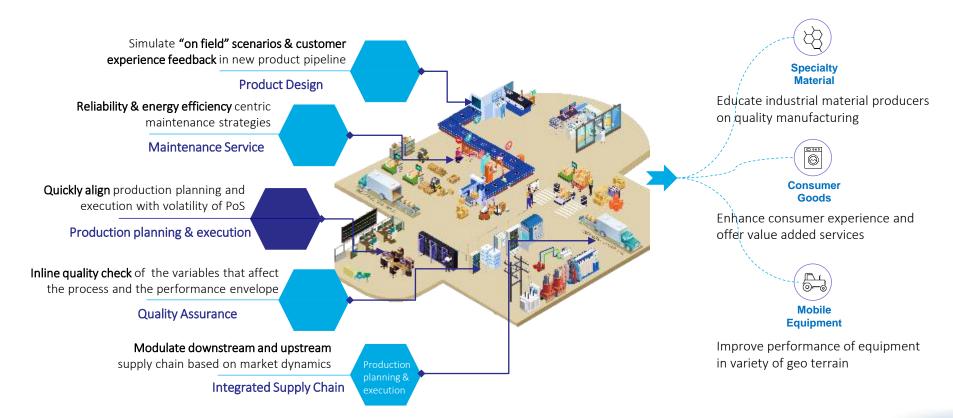
Connected ecosystem of manufacturing plant, suppliers and sales outlets



Connected R&D

Product design & product pipeline responsive to market change

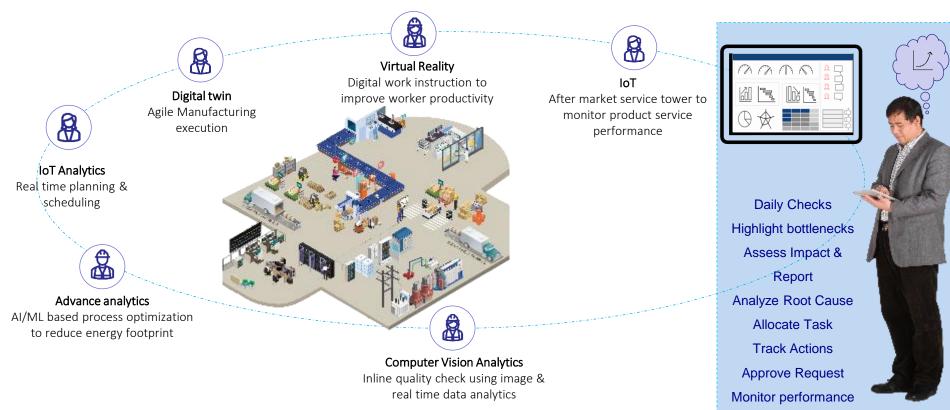
Visualizing Connected Enterprise





Real time collaboration is essential for Connected Enterprise

Leveraging Industry 4.0 to make Connected Enterprise as Reality



Technology Levers for Digital transformation journey @ L&T Group



Monitor site progress using LiDAR technology combined with Mobile application 4

AR/VR

Commissioning assistance using pre-defined SOPs. Inspection of equipment along with remote experts

Computer Vision

Commissioning assistance using pre-defined SOPs. Inspection of equipment along with remote experts

Internet of Things

Connected operations: Integrated legacy machines (60+) to improve factory visibility

Drones

Leverage drones for inspection of transmission tower structure quality

Construction Cockpit

Integrated Construction Cockpit acts as a decision support system for construction projects

Remote O&M

Integrated view of Solar plants to improve O&M activities and optimize cost

Data Analytics

Material reconciliation. Integrated Raw material weighing, mixing, loading and dispatch data. Data driven decision for planning

Connected Enterprise



12,000+Plants & machinery Connected



250,000+ Connected Workers



9,608 Safety Harnesses Tagged



6,500 Tools Tagged



120 +Digital Stores Projects







Usage in Industry (Case studies)

Thank you

