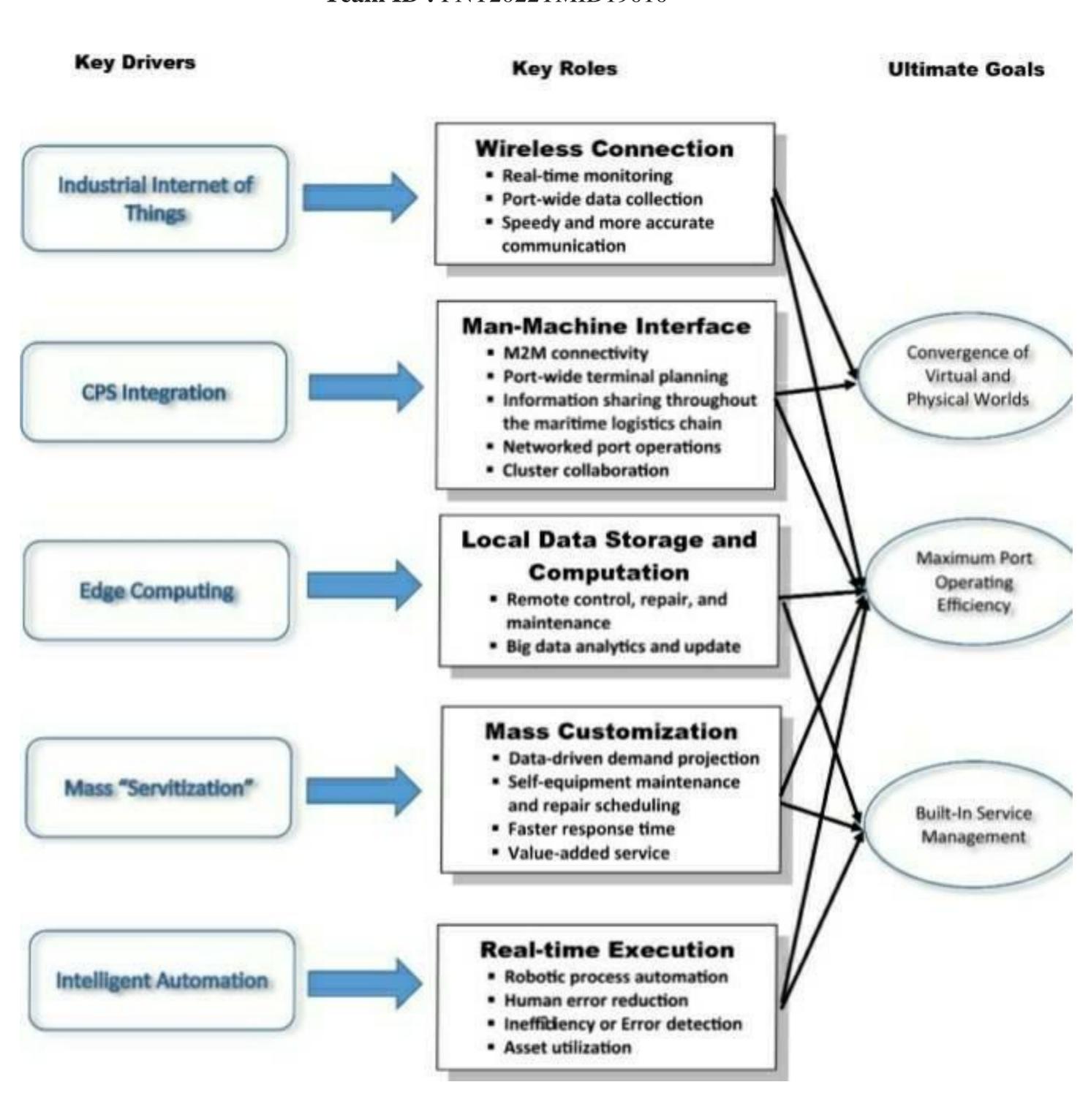
Team ID: PNT2022TMID19010



Smart Port Goals

Port Infrastructures &

Stakeholders

Shipping Companies

Road
Rail
Bridge
Terminal
Parking
Container
Warehouse
Port Authorities

Enabling Technologies

Sensors
RFID
IoT
Fog Computing
Cloud Computing
Big Data Technologies

Port Monitoring
Infrastructure Management
Real-time Navigation
Energy Management
Data Analysis & Predictions
Emergency, Rescue &

Security operations

Smart Port Services

Economic Development Energy-awareness Efficient Logistics Operations