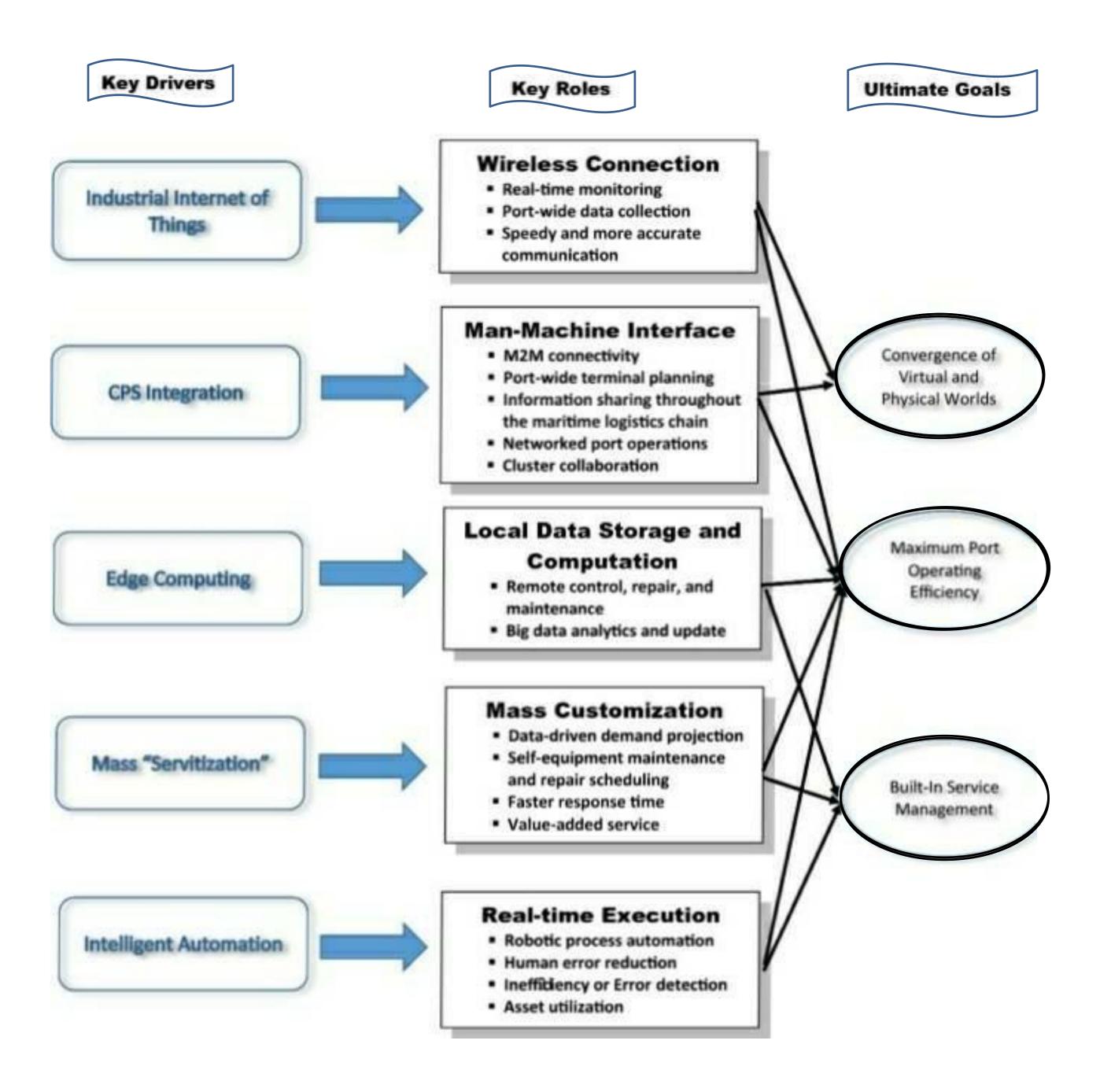
Project Title : Traffic and Capacity Analytics for Major Ports

Project Design Phase II : Technology Architecture Team ID : PNT2022TMID18520



Smart Port Goals

Economic Development Energy-awareness Efficient Logistics Operations

Smart Port Services

Port Infrastructures & Stakeholders

Road
Rail
Bridge
Terminal
Parking
Container
Warehouse
Port Authorities
Shipping Companies

Sensors
RFID
IoT
Fog Computing
Cloud Computing
Big Data Technologies

Enabling Technologies

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