

Networking Communications

DT2X

IoT, Edge, Cloud



Cloud



Server



Wi-Fi



Edge dev



Antenna

Enables communication between DT, IoT devices, physical asset, edge, cloud computing platforms, and human operators for data exchange

DT-PdM

Internet of Things (IoT)



Vehicle



Robot



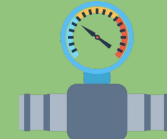
Drone



Device



Camera



Sensor

Provides real-time data for continuous monitoring, and timely failure prediction of industrial assets

Artificial Intelligence (AI)

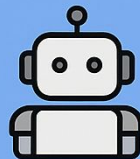
Machine Learning,
Deep Learning (LLM, VLM)



Brain



NN



Robot



LLM



VLM

Analyzes data from IoT sensors and connected devices to enable real-time decision-making and predictive maintenance