

# HIGHLIGHTS

FACTORIES  
LOCATED WORLDWIDE

18+

MACHINES PROTOCOL  
SUPPORTED

100+

TRUSTED BY  
GLOBAL CLIENTS

Fortune 500



## Customization

Be-spoke solution built for specific industry



## Adaptability

Data sharing and integration with other enterprise platforms such as ERP, MES, PLM, Scada, etc.



## Fast scaling

Enable speedy international roll-out using micro-service architecture



## Digital twins

Virtual view of facility assets with IoT technology

## CONTACT US

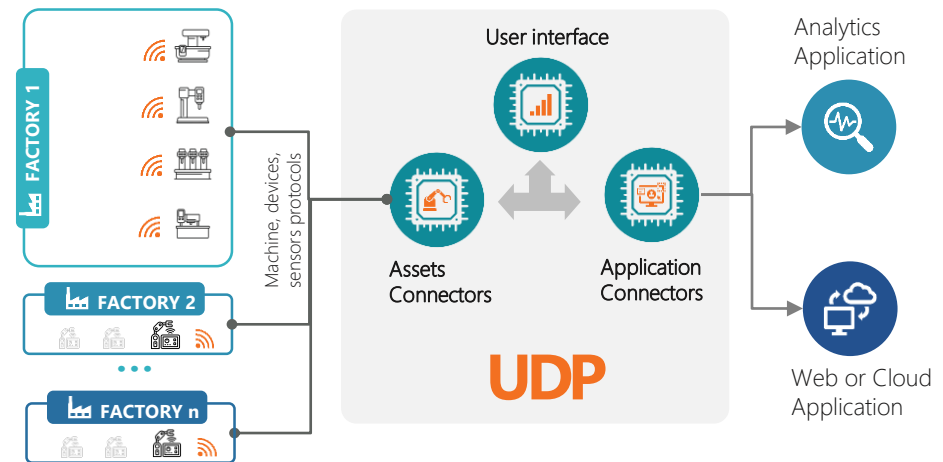
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# Unified Data Platform

## Machinery management at your fingertips

An integrated platform that enables real-time data collection from machinery at multiple locations, empowering IoT connectivity. With data sent from sensors implanted in machines, from PLC, CNC, robot arms and conveyor to industrial manual machines, UDP analyses production activities to measure overall equipment effectiveness, forecast potential malfunctions, and ultimately optimize assets utilization.



# KEY VALUES

**MONITOR ASSETS FROM FACILITIES AROUND THE WORLD**

**DRIVE DECISIONS WITH REAL-TIME PERFORMANCE VISIBILITY**

**DIAGNOSE & FORECAST MACHINE FAILURES**

## Remote management

Enable timely response to factory downtime

## Assets Data Monitor

Measure health, efficiency, and utilization of factory assets using data received from sensors

## Data Harmonization

Enable analysis of each asset individually and of the whole factory

## Predictive Maintenance

Prevent unexpected downtime with advanced analytics

## Failure Forecast

Identify potential machinery failures and allow proactive risk mitigation.

## Abnormality Notice

Inform and alert users of significant events, anomalies, and required actions

# UDP

# CAPABILITIES

## OPERATION MANAGEMENT

### Remote management across factories worldwide

Visualize latest assets data with a dashboard, control machines remotely, measure performance of factories located around the world

Involve related parties, ie., technical team, production planning, site managers, in resolving factory downtime

### Assets managements

Track and record expenses associated with factory services and maintenance

Record machine profile including performance history, cycle time, maintenance schedule, defaults history

### Assets Data Monitor

Monitor and track historical, current, and near-future information of machinery

### Abnormality Spot

Record active time at each working station, scrap and rejects.

Enable the configuration of benchmark criteria

Compare the recorded operation time with predefined standards

## DATA MANAGEMENT

### Data Harmonization

Collect data from sensors implanted in machines, cleanse, transform and store in one unified platform

### Data visualization

Sketch assets activities within each facility with real time status, creating ease of management from a dashboard

### Predictive maintenance

Perform remote tracking of activities, capacity, productivity, machine life cycle; generating alerts and maintenance work orders

### Failures Forecast

Forecast potential machine failures based on history records, sending alerts to relevant technical/management team for timely intervention