

Litmus Edge

Edge Data Platform Purpose-Built for Rapid Data Connectivity and Analytics

- Quickly connect to any industrial asset – PLC, DCS, SCADA, Historian, sensor or ERP – with pre-loaded drivers and no programming required.
- Collect and normalize hundreds of custom data points from any number of assets into one standard format for consumption by any application.
- Monitor real-time asset data, set up alerts and utilize ready analytics based on common manufacturing KPIs such as uptime, downtime, anomaly detection and more.
- Immediately feed valuable and ready-to-use data to any cloud or enterprise application to achieve a complete data picture from OT to IT.
- Utilize vertical-specific applications designed and validated to accelerate deployment times and reduce complexity.

Multiple Data Sources ONE Platform

Data Sources
DB, SCADA, Historian, MES, ERP, LIMS, Other

PLC / DCS
Rockwell, Siemens, Beckhoff, ABB, Omron, Others

Sensors
OPC, Modbus, Serial, MQTT, HTTP Requests

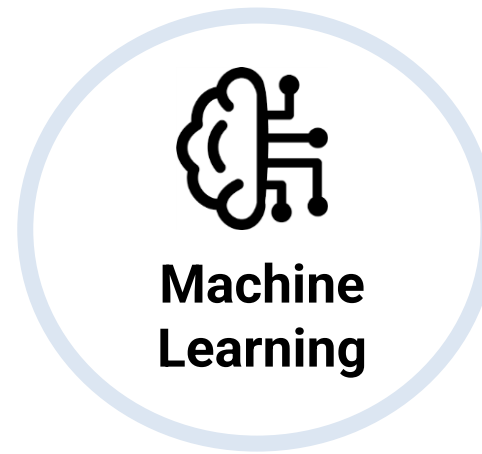
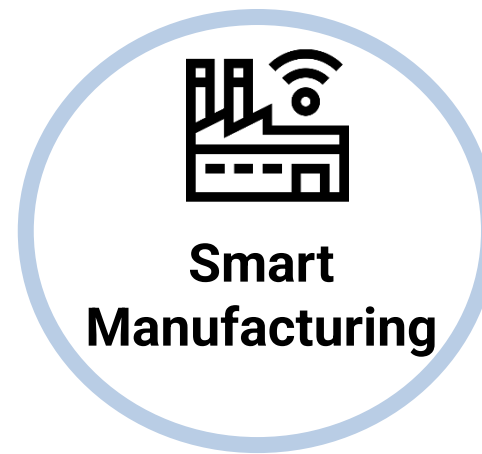
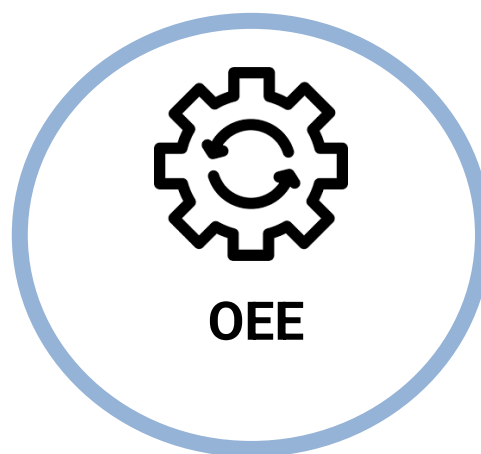
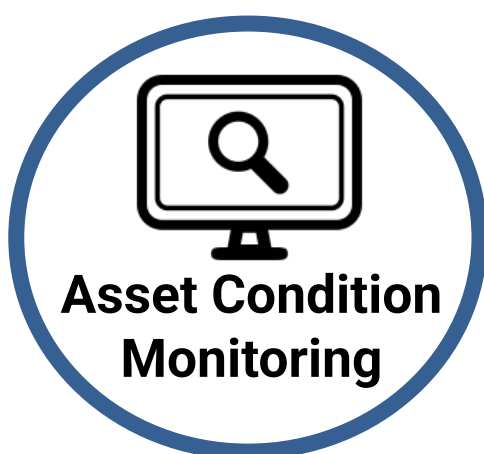
Flat Files
DAT, CSV, Excel, XML, JSON

250+ Pre-Built Device Drivers



30+ Pre-Built Manufacturing KPIs Ready to Deploy

Processor Functions			
Anomaly Detection	Arima Filter ✓	Asset Online Percentage	Base Conversion
Combination Process	Compliance and Loss	Conversion ✓	Expression ✓
Input Minimum ✓	Gaussian Filter ✓	Tengo Script Process	Input Maximum ✓
Feature Extractor	Input Sum ✓	Join Processor	Linear Prediction
Maintenance/Failure	Manufacture Count	Input Average ✓	Moving Maximum
Normalization ✓	Moving Minimum	Rounding ✓	Production Time
Rise and Fall ✓	Online and Offline	Signal Decomposition	Simple Window ✓
Statistical Functions	Statistical Prediction	Moving Average ✓	XMR Chart



Dell Technologies Validated Design for Manufacturing Edge with Litmus

Edge	High Availability – Server & HCI	Historical Analytics - Storage
<p>Gateway 5100 Gateway 5200</p>	<p>PowerEdge Servers VxRail</p>	<p>PowerStore Unity XT</p>



Find Out More at <https://www.dell.com/en-us/dt/product-demos/litmus/index.htm>