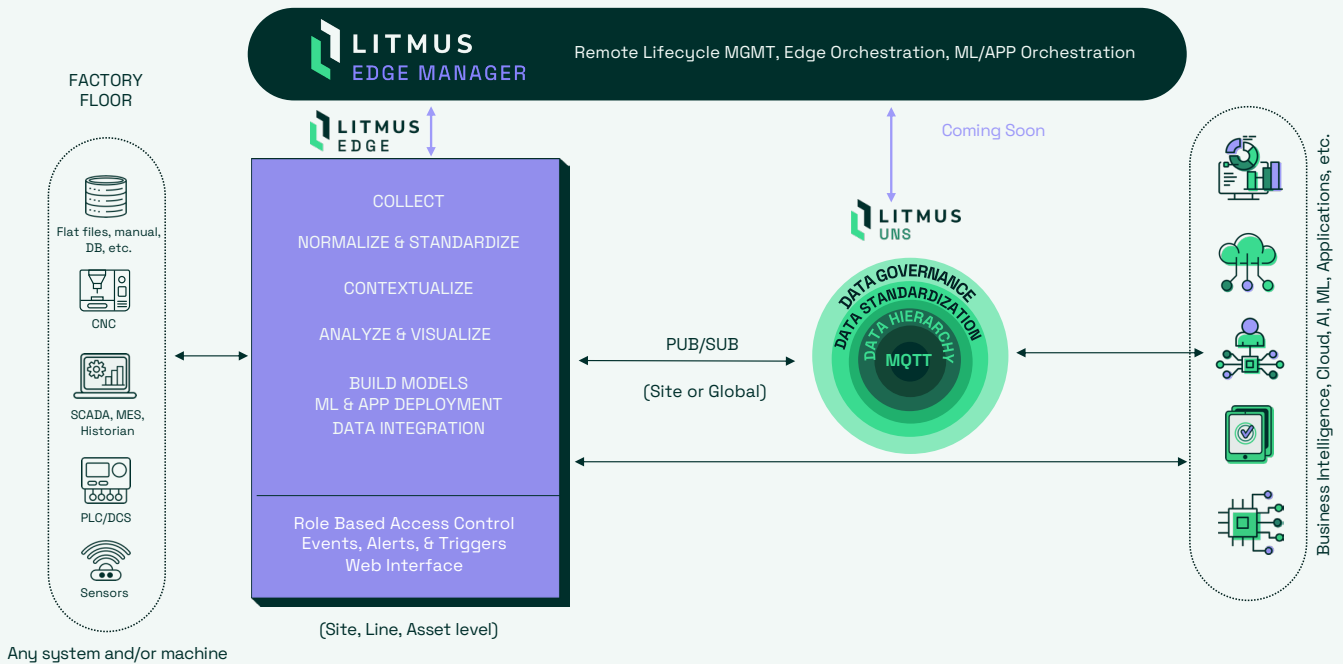# LITMUS

Enabling Industrial DataOps At Scale

UNLOCK.
ACTIVATE.
SCALE.

Unlocking trapped operational technology (OT) data from legacy fragmented sources and activating it for actionable insights remain challenging. Industrial DataOps is critical to activate your data through the process of data acquisition and transformation of raw data, into a clean and aggregated format for data consumers to drive better informed decisions. Hence, the Litmus Industrial DataOps Suite – the only complete offering that empowers manufacturers to establish a robust, secure, and scalable approach to managing OT data at scale, unlocking its full potential for continuous improvement and optimization.

LITMUS INDUSTRIAL DATAOPS SUITE

LITMUS EDGE MANAGER — Remote Lifecycle MGMT, Edge Orchestration, ML/APP Orchestration

FACTORY FLOOR

LITMUS EDGE

- Flat files, manual, DB, etc.
- CNC
- SCADA, MES, Historian
- PLC/DCS
- Sensors

Any system and/or machine

COLLECT
NORMALIZE & STANDARDIZE
CONTEXTUALIZE
ANALYZE & VISUALIZE
BUILD MODELS
ML & APP DEPLOYMENT
DATA INTEGRATION

Role Based Access Control
Events, Alerts, & Triggers
Web Interface

(Site, Line, Asset level)

PUB/SUB
(Site or Global)

Coming Soon

LITMUS UNS

DATA GOVERNANCE
DATA STANDARDIZATION
DATA HIERARCHY
MQTT

Business Intelligence, Cloud, AI, ML, Applications, etc.

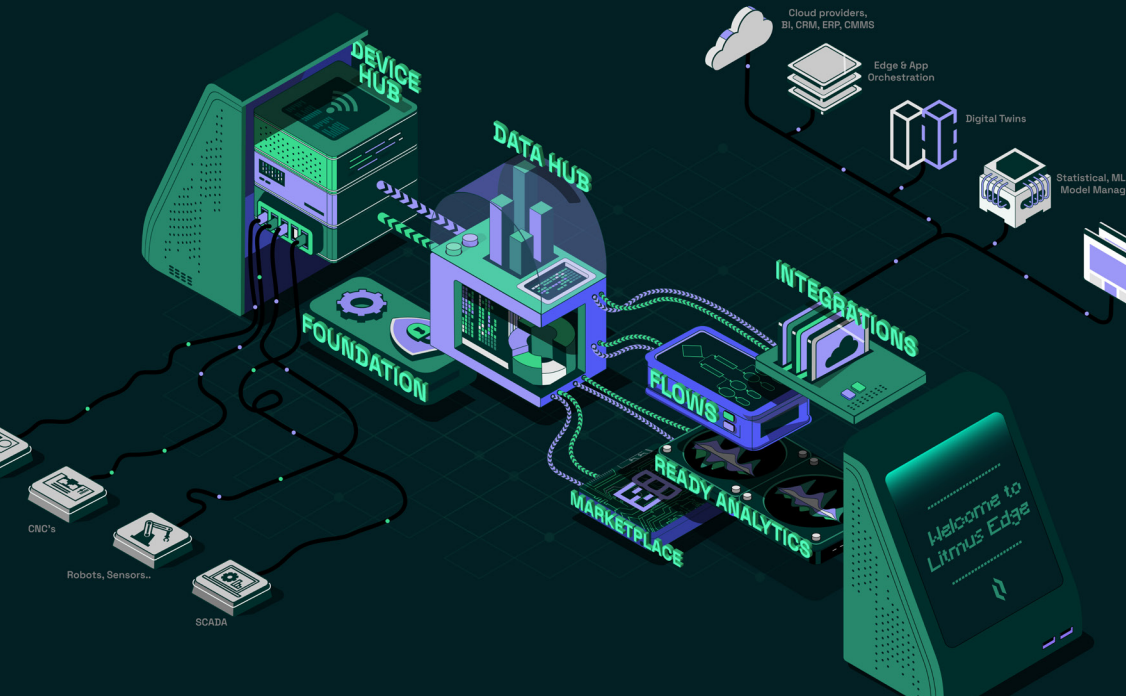|		
Device Connectivity	**Data Contextualization**	**Data Governance & Security**
Data Collection & Normalization	**Data Integration**	**Digital Twin Modeling**
Data Analysis and Visualization	**MLOps at the Edge**	**Management at Scale**

BENEFITS

CONVERGE IT/OT

Litmus Edge, the backbone of the Litmus Industrial DataOps Suite connects to PLCs, CNCs, DCS, sensors, and every system on the plant floor in minutes with native connectors. It builds a robust data pipeline with rich contextualized data for meaningful analysis, before securely sending it to the cloud and other desired endpoints like business systems.

SCALE FAST

Litmus Edge Manager provides a single pane of glass to your complete edge deployment across multiple sites. Templates enable simple, repeatable way to replicate successful use cases for an enterprise-wide data strategy solving complexities and ensuring consistent data management practices.

ACCESS AND GOVERN DATA

Litmus UNS guarantees data accessibility for everyone within the organization by ensuring robust data security and governance. It is built to manage the demands of even the largest industrial environments. Make informed decisions with complete transparency.

Litmus.io

LITMUS EDGE FEATURES

Effortless Industrial Connectivity
Connect to Anything: PLCs, DCS, SCADA, Historians (Siemens, Allen-Bradley, Hitachi, etc.) in minutes. Pre-built drivers simplify setup at no extra cost.

Unifying Data Hub
Collect & Contextualize: Gather data from industrial systems, model it for easy analysis. Store & access historical data (time-series) for the entire organization.

Actionable Operational Analytics
Analyze at the Edge: Get insights before sending data to the cloud. Build custom analytics. Configure KPIs (OEE, uptime) with no coding. Perform live data analysis.

Built-in Applications Marketplace
Pre-loaded Apps: 50+ applications including the Docker Registry. Create & deploy containerized applications. Bootstrap Industry 4.0 with Solutions templates.

Seamless Data Integration
Connect to Everything: Send pre-processed data to BI tools, cloud storage, enterprise apps. Subscribe to services for a continuous feedback loop. Use REST APIs as you need.

LITMUS EDGE MANAGER FEATURES

- **Centralized Edge Management**
- **License Management**
- **Over-the-air Updates**
- **Configuration Management**
- **Backup and Restore**
- **Template Blueprints Management**

LITMUS UNS FEATURES

Pub/Sub Communication
Enable effortless data exchange with a built-in enterprise-grade MQTT broker.

Data Hierarchy
Forget rigid, vendor-specific data structures. Define and manage your data hierarchy exactly the way you need it.

Data Standardization
Define precise data schemas, enforce validation rules, and ensure every data point adheres to your defined standards.

Trusted By Customers and Partner Worldwide

Tyson · POCLAIN Hydraulics · DÖHLER · Stackpole International · Parker · SAINT-GOBAIN

LITMUS

Schedule a Demo: litmus.io/schedule-a-demo