

IT/OT convergence for Intelligent Operations in Manufacturing

Litmus and Cloudera help manufacturers collect, analyze, and take action on real-time data to improve both operations and IT decisions. Cloudera and Litmus offer manufacturers complete Intelligent Operations solutions they can implement for immediate value without disrupting current processes. Cloudera hybrid data platform is now even faster to deploy alongside Litmus proven capabilities around OT convergence, featuring automated scanners and support for over 250 protocols.



Challenge

Industry 4.0 delivers a multitude of data types from IoT sensors (semi structured data), business process sources, such as ERP, MES, SCM or data historians (structured data) and computer vision (unstructured data).

Streaming data growth is driven by the demand for real-time insights and more importantly, autonomous decision-making. As a result, legacy data platforms and data ingestion methods are inadequate to address today's needs.



Solutions

Litmus Edge data platform provides out of the box connectivity to all modern and legacy industrial assets to enable rapid OT data collection at scale.

Cloudera hybrid data platform supports cloud, on-prem and hybrid to optimize infrastructure costs with no lock-ins.



Benefits

Instant and secure OT-IT integration enables rapid data sharing with applications, data lakes and machine learning systems.

Litmus and Cloudera together provide a single platform for the manufacturing value chain - Faster time-to-value and lower TCO.

Joint Solution Overview

Cloudera is enabling OT convergence by partnering with Litmus. With critical data connectivity in real-time provided by Litmus and the hybrid data platform from Cloudera, manufacturers can drive immediate results with IIoT.

Secure and Easy-to-Use

Cloudera and Litmus reduce cybersecurity risks with consistent security and governance to protect operations and share data from OT to IT based on corporate data policies and enterprise security standards.

Manage IIoT Scale

Litmus specializes in enabling IIoT connections at the edge with the ability to support more than 250+ industrial device protocols out-of-the-box with no programming and an intuitive interface. The complexity of setup, configuration, and management is removed, providing manufacturers rapid time-to-value with agile development framework for IoT/IIoT use cases.

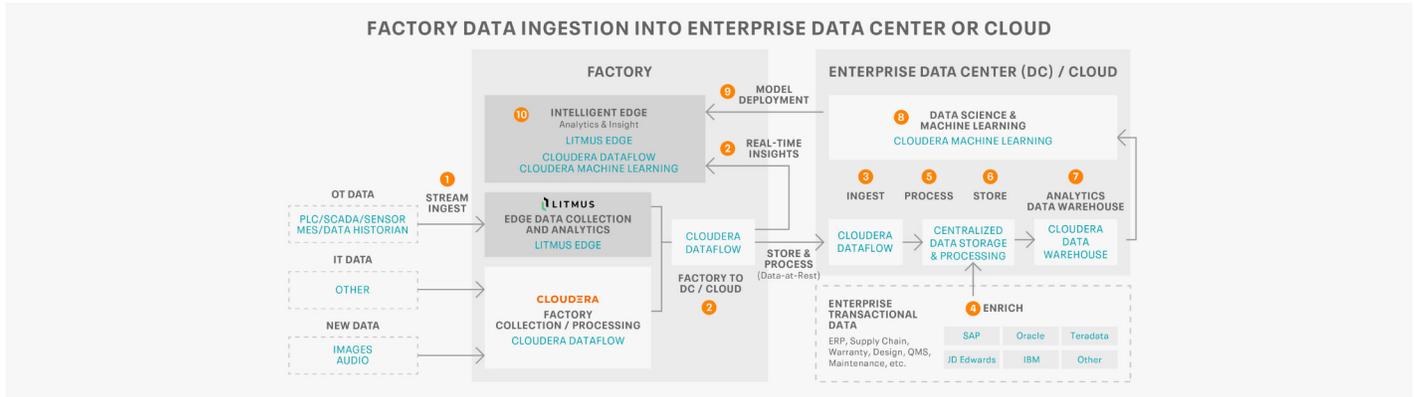
One Platform

Single platform purpose-built for manufacturing and works from day one. Cloudera and Litmus partnership offers easy and low-cost integration with cloud and business analytics tools. Litmus Edge integrates with Cloudera DataFlow, a comprehensive solution that ingests IoT data, log files, and data from various enterprise software systems, allowing users to easily leverage data from multiple sources, including both streaming data from IoT and business process data.

A Flexible Hybrid Platform

Cloudera provides hosting optionality among clouds, on-prem, and hybrid, optimizing manufacturers' infrastructure costs. The Cloud-agnostic platform eliminates infrastructure vendor lock-ins and is hassle-free when leveraging on-premises data without data movement, cloud storage, and egress costs.

Enterprise grade IT/OT convergence



Litmus is the only industrial IoT platform to deliver enterprise grade IT/OT convergence in a single platform.

Trusted by Google Cloud, Dell Technologies and Other Fortune 500 Companies

Litmus is trusted by Google and other Fortune 500 companies as the most complete Edge Data Platform for Industry 4.0. They choose Litmus to harness the power of industrial data at the edge to increase efficiency and improve operations across the enterprise.



“Data insights provided by Litmus Edge have improved Saint-Gobain Sekurit’s operations and production through the delivery of immediate alerts from equipment whenever there is a deviation in KPIs. This has resulted in “better reactivity, quicker decisions, and fewer losses,””

Sebastien Thuillier
Digital Transformation Program Manager, Saint-Gobain Sekurit

Want to know more?

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