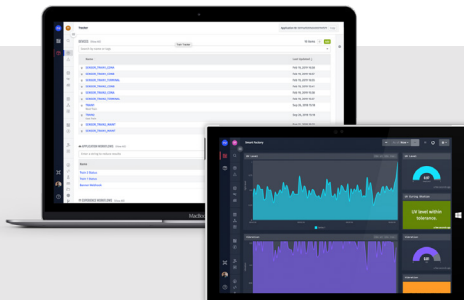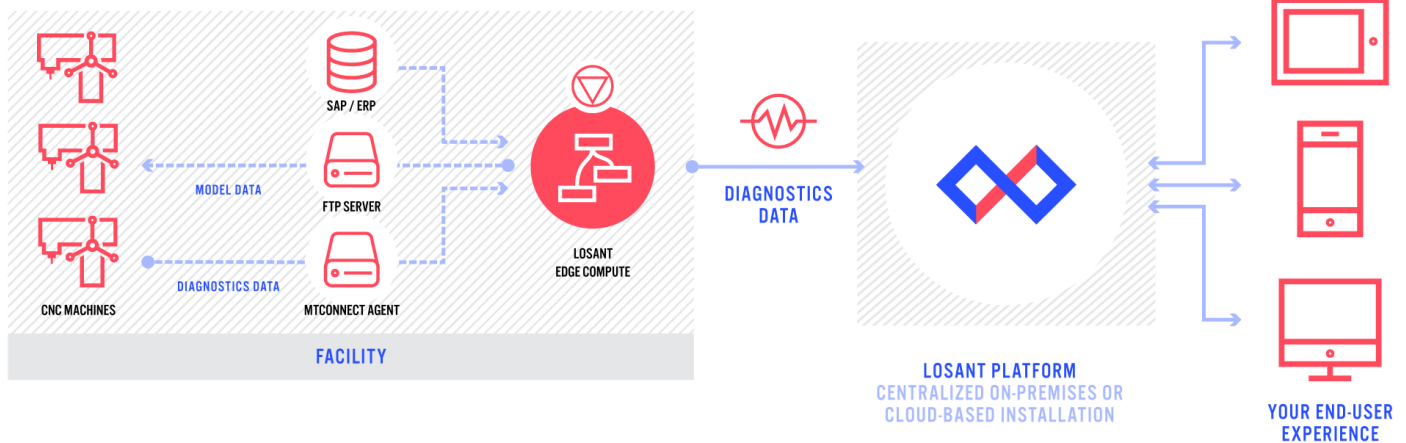# CNC MONITORING AND AUTOMATION

Reduce unexpected downtime and improve machine tool efficiency by using Losant to monitor and automate CNC machines.

EASILY ORCHESTRATE SYSTEMS, SERVICES, AND DATA

Losant's unique workflow engine and wide variety of connectors make it easy to retrieve CNC operational data and build tailored automation flows specific to your unique environment.

SAP / ERP

MODEL DATA

FTP SERVER

DIAGNOSTICS DATA

MTCONNECT AGENT

CNC MACHINES

FACILITY

LOSANT EDGE COMPUTE

DIAGNOSTICS DATA

LOSANT PLATFORM
CENTRALIZED ON-PREMISES OR
CLOUD-BASED INSTALLATION

YOUR END-USER EXPERIENCE

LOSANT ENTERPRISE IoT PLATFORM TEAM: WHAT WE BELIEVE

Losant is a progressive product team composed of software engineers, solutions engineers, and automation specialists. Together, we produce superior technology for enterprise IoT solutions. We believe in continuous improvement and work toward our vision of an ever-connected world. As we adapt to our changing environment and add features to our IoT cloud platform, we consider usability, flexibility, reliability, and security to promote ease of use for our customers.

HOW DOES LOSANT INTEGRATE WITH CNC MACHINES?

CNC AUTOMATION FOR IMPROVED EFFICIENCY

With direct integrations to SAP and FTP, Losant can streamline the process between an order and the manufacturing process. Most CNC machines can request model information remotely from an FTP server. Losant's workflow engine can orchestrate and automate the connection between your ERP system and an FTP server, greatly decreasing the time to process new orders.
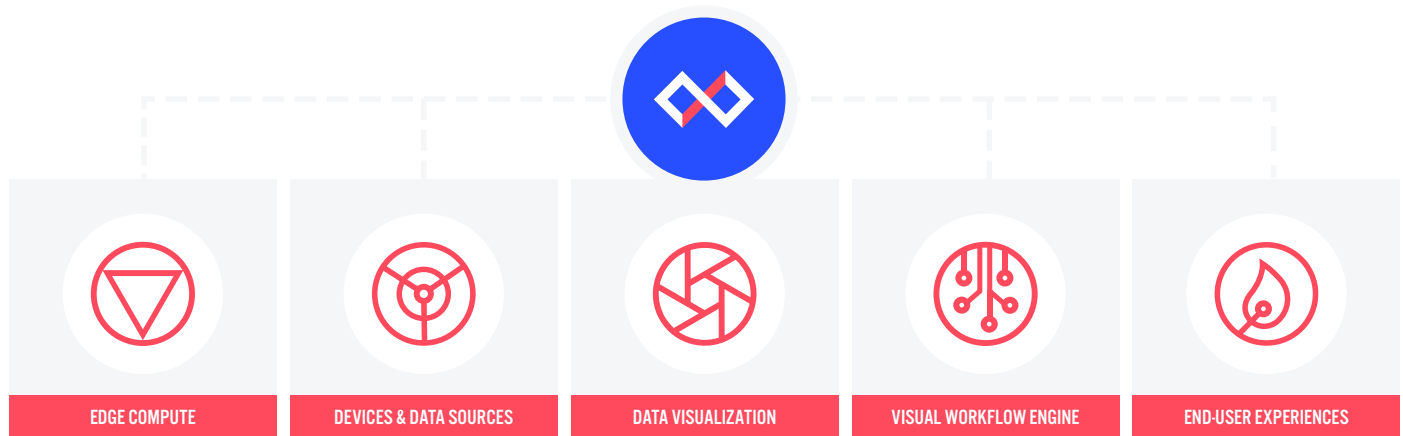
REMOTE MONITORING AND DIAGNOSTICS

CNC machines expose a rich stream of diagnostics and operational information through the MTConnect protocol. Losant directly taps into that stream and stores all of the information with a managed data warehouse. This allows you to catch faults early and expose under-utilized machinery to reduce downtime and increase efficiency.

LOSANT PROVIDES THE TOOLS YOU NEED TO SUCCEED

The Losant Enterprise IoT Platform is an application enablement platform which allows enterprises to effectively build applications and create solutions that securely scale to millions of devices. All of Losant's components, from Edge Compute to End-User Experiences, work seamlessly together to transform real-time data from connected and non-connected devices into tailored IoT solutions.

| EDGE COMPUTE | DEVICES & DATA SOURCES | DATA VISUALIZATION | VISUAL WORKFLOW ENGINE | END-USER EXPERIENCES |

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