

# DISCOVER THE BENEFITS OF CONDITION-BASED MAINTENANCE (CBM) WITH LOSANT

Organizations are wasting a significant amount of money on preventative maintenance. Monthly filter replacements, fluid changes, and technician travel to remote locations require a large chunk of a business' budget — and the maintenance may not be necessary.

Consider the alternative to preventative maintenance: condition-based maintenance, which is a better, more cost-effective way to conduct maintenance by eliminating the need for routines. Condition-based maintenance works by using IoT to monitor the temperature, pressure, vibration, voltage imbalances and other conditions of assets in the industrial environment. Using cloud and edge computing, the Losant Enterprise IoT platform helps to bring in data from new and existing systems and allows operations managers to view the status of a number of assets within one dashboard. Losant's IoT platform can also activate alerts, email reports and deliver data to clients and leadership.

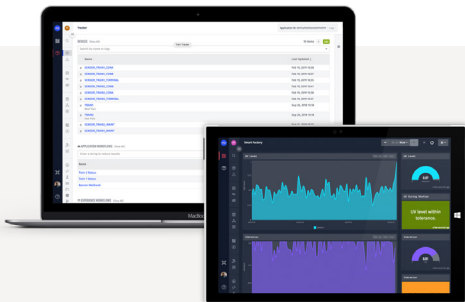
Scaling a CBM IoT solution across multiple machines or locations could save a business millions in technician labor, resources, and equipment.

***An industrial study shows that more failures are random and not related to age, which means that scheduled or preventative maintenance may not be the most effective method to maintain equipment.***



## POTENTIAL USE CASES

- Digitize machine information
- Be alerted to degradation or failures before they impact business
- Connect existing machinery to Losant's IoT cloud platform
- Use edge gateways to read data from legacy machinery
- Use machine data for predictive maintenance and machine learning
- Offer CBM to customers



## 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.

# DISCOVER THE POSSIBILITIES OF CBM WITH LOSANT



## KNOW MORE

*Preserve resources with meaningful maintenance.*

Even legacy equipment is built with sophisticated communication systems for self-regulation. Losant's IoT platform can be used to read Modbus data from new and existing machines. An OEM or plant manager will be able to know the condition (vibration, temperature, pressure etc.) of each machine in real-time and respond accordingly.



## SEE MORE

*Benefit from business continuity.*

In some cases transitioning from scheduled or preventative maintenance to condition-based maintenance can save a business up to 50% in maintenance costs. When ops managers can see inside of a piece of equipment, costly repairs can be prevented. Conditional data not only helps save costs, it can also help align IT and OT teams; or keep manufacturing leadership informed to better manage schedules and production timelines.



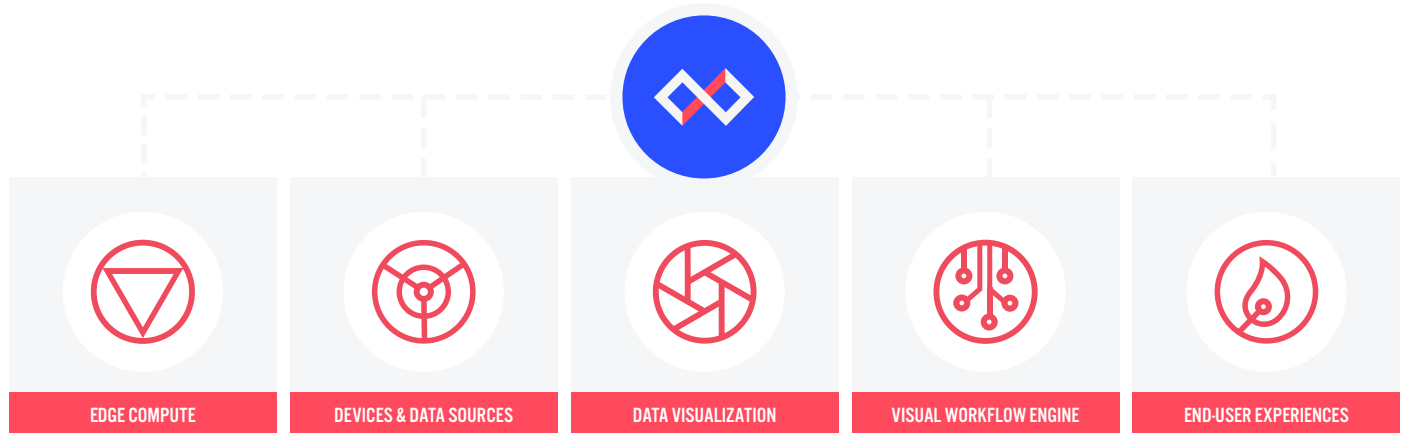
## OFFER MORE

*Prepare for the future with insights.*

Insights from IoT applications can pave the way to new revenue streams for OEMs. Equipment information can enable OEMs to provide a low-cost maintenance solution to its customers. Machinery that can digitally transmit conditional information will prepare your facility or your clients for future advancements of real-time information delivery including predictive maintenance and machine learning.

## 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.



[WWW.LOSANT.COM](http://WWW.LOSANT.COM)

