

Asset & Valve Monitoring



ASYSTEM

AsystemPredict is an adaptive AI-enhanced asset monitoring solution for industrial equipment and valves, streamlining alert management and diagnosing potential failures.

Unexpected equipment breakdowns increase costs, lost revenue, and reduced productivity. Real-time monitoring of equipment health is essential, regardless of its age, condition, or model. A single device, equipped with various sensors and integrated Edge Computing, collects and analyzes data before sending it to a centralized platform. This capability ensures almost universal monitoring of all types of industrial equipment, providing tailored surveillance to meet the specific needs of each type.

Two main applications are supported by AsystemPredict platform: Asset Monitoring and Valves Leaks Detection

Asset Monitoring



Detect asset failures with
months in advance

Valves Monitoring



Detect valves leaks
instantly

ASYSTOM PREDICT

BEYOND PREDICTIVE MAINTENANCE

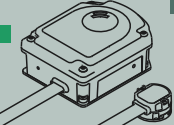


ASYSTOM


AsystomPredict is a universal and autonomous predictive maintenance solution for industrial equipment and valves. It includes an artificial intelligence engine, powered to prescribe potential root causes of a potential failure and automatically simplifies alert management.




ASYSTOM'S 3 BUILDING BLOCKS



Embedded Intelligence
AsystomSentinel
Multi sensors devices










IoT Connectivity
AsystomInfra
Deploy easily



Intelligence "On-server"
AsystomAdvisor Know all
in just in 1 look

WHY IS ASYSTOM UNIQUE?

-  Wireless solution, very long range up to 1 km
-  10 year autonomy using replaceable AA lithium-Iron batteries
-  Multi-sensor beacon helps detect early signs of anomaly with ultrasound, vibration and temperature data
-  Data is secured from point of capture to your database
-  Adaptative & efficient AI incident advisor
-  Works as a standalone solution or can be integrated into your existing infrastructure
-  Universal Applicability & Platform Integration: On-Site On-Premise On-Cloud

The LoRa network can be quickly deployed or integrated with your existing infrastructure.

Data is accessible on our web and mobile application for diagnostics, visualization, alerts, and remote management, and can be accessed via APIs for network integration