Predictive Maintenance analytics helps you identify potential breakdowns before they impact production.

A widespread problem

Due to unplanned downtime:

- $0.20-$1.20 lost per hour
- Up to $50K-$150K per year
- Up to 6% of revenue
- Millions lost per hour in a $100M+ company

82% of companies have experienced 1+ equipment breakdown within 3 years, bringing operations to a halt for 4 hours on average.

82% of companies have experienced 1+ equipment breakdown within 3 years, bringing operations to a halt for 4 hours on average.

Environmental Monitoring Solutions uses AWS IoT to detect fuel leaks early to minimize environmental impact — and received 500% ROI.

Complete the virtuous cycle and build predictive maintenance models in the cloud and deploy at the edge.

Reduces maintenance costs
- Improves equipment effectiveness (OEE)
- Increase worker safety

Using AWS IoT software and services, industrial companies can build predictive quality models using data from all their devices and their industrial environments and third party data inputs.

Partners play an important role in developing, planning, and implementing IoT projects. Our AWS IoT partners help customers bring together the necessary hardware, AWS services, and partner solutions to solve business challenges.

Learn more about our AWS IoT Partner Community.

Learn more about AWS IoT and EMS

Reduce maintenance costs
Improve overall equipment effectiveness (OEE)
Increase worker safety

Partners play an important role in developing, planning, and implementing IoT projects. Our AWS IoT partners help customers bring together the necessary hardware, AWS services, and partner solutions to solve business challenges.

Learn more about our AWS IoT Partner Community.

Predictive Maintenance in Action with AWS IoT

In an oil refinery, predictive maintenance pays off: producing an extra quarter or half barrel per well day each day could mean an extra $200M per year in incremental revenue.

Amazon Web Services can transform your business and help your organization rise to its digital future.