



The World Runs on Machines.

We're on a Mission to Make Them Reliable.



Machine Health is a Blindspot

Machine failures increase production line, plant-level, and company-level costs.



Unexpected
Downtime



Production
Loss



Excessive Spare
Parts Inventory



High Maintenance
Costs



Limited Visibility
into Machine Health



Risk
Exposure

Reliability Meets Artificial Intelligence

We are on a mission to make machines more reliable while keeping your facilities, utilities, and production lines running at their best. Augury's technology places the power of artificial intelligence into the hands of engineers, reliability experts, and maintenance professionals, arming them with continuous insights to improve asset performance.

Our solution listens to machines, analyzes data in real-time, provides actionable machine health insights, helping protect production line assets as well as utility and balance of plant equipment.

The Complete Machine Health Solution

Increase uptime and equipment effectiveness while reducing risk and optimizing asset care.

Improve Uptime and OEE

Augury monitors your assets for early signs of malfunctions and helps you address emerging issues to significantly reduce unplanned downtime events and increase equipment availability.

Optimize Asset Care Programs

We enable your asset care teams to see developing issues in real-time, and to eliminate unnecessary tasks by planning corrective actions based on the actual condition of the machine.

Inventory Planning with Insights

With the help of Augury's PdM solution, your facility is able to free up working capital tied up in excess inventory, while ensuring you still have the right parts on hand when you need them.

Reduce Maintenance Costs

We help you prevent significant repair, replacement and labor costs and extend asset life by catching issues early, and providing accurate guidance on root causes and corrective actions.

Keep Your People Safe

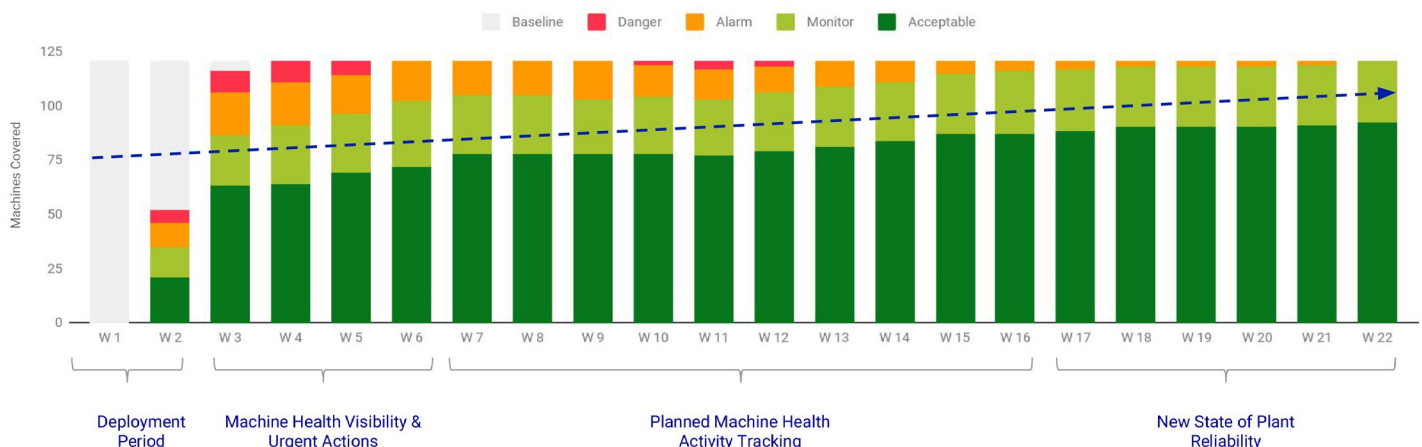
Augury helps reduce risk of incidents by monitoring hard to reach, remote and dangerous equipment, while ensuring machines are working in their optimal modes for a safe work environment.

Create Transparency and Visibility

Augury's platform enables both the production floor and management by providing increased visibility and an understanding of what is going on with their assets, unlocking value up and down the organization.

The Impact of Digital Machine Health

Machine health is transformed soon after deploying Augury's solution.



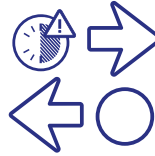
How We're Different

Simple to deploy, adopt, and scale.



Value On Day One

Your team can start focusing on the assets that need immediate attention. Augury's library consists of data on over 70,000 unique machines that assists with providing insights and value immediately after deployment.



Actionable Insights, Not Just Data

Receive actionable maintenance recommendations and advanced analytics that are easy to understand and based on the actual health of your machines.



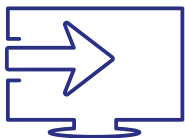
Full Industrial IoT Stack Solution

Augury provides a full stack, machine diagnostics solution that includes industrial-certified hardware, software, diagnostics, and reliability support.



Turnkey Deployment

We've done this before. Worry-free deployment includes hardware, software, installation, training, and ongoing support.



Integrate Into Your Workflow

We will integrate into your existing CMMS systems, enabling your team to prioritize and streamline workflow.



Simple Scalability

With our turnkey deployment, cloud-based solution, and flexible platform make it easy to scale from facility to facility within your organization.



Ongoing Program Management

Close collaboration with dedicated account manager, customer success, reliability and 24/7 support teams to drive results.



Per Machine Subscription Model

Annual subscription takes the budgeting risk out of deployment at any scope. Pricing includes hardware, software, installation, and account management.

How Augury's Solution Works

Augury's end-to-end solutions provide industry leaders with early, actionable and comprehensive insights into machine health and performance.



Connect

Smart sensors monitor your machines 24/7



Diagnose

Algorithms diagnose malfunctions and provide alerts and recommendations



Visualize

Full visibility of machine health across your facility

World's Leading Machine Diagnostics

Augury combines AI-driven analysis of millions of machine signals with expert verification.

Anomaly Detection

"Anomaly detected, triggering analysis."

Fault Analysis

"Severe bearing wear identified, replace both motor bearings."

Expert Verification

"This is a recurring issue. An operational change is causing deterioration."



Machine Health Management

Compare health and performance across your portfolio and deep dive at the site level.

Key Priorities

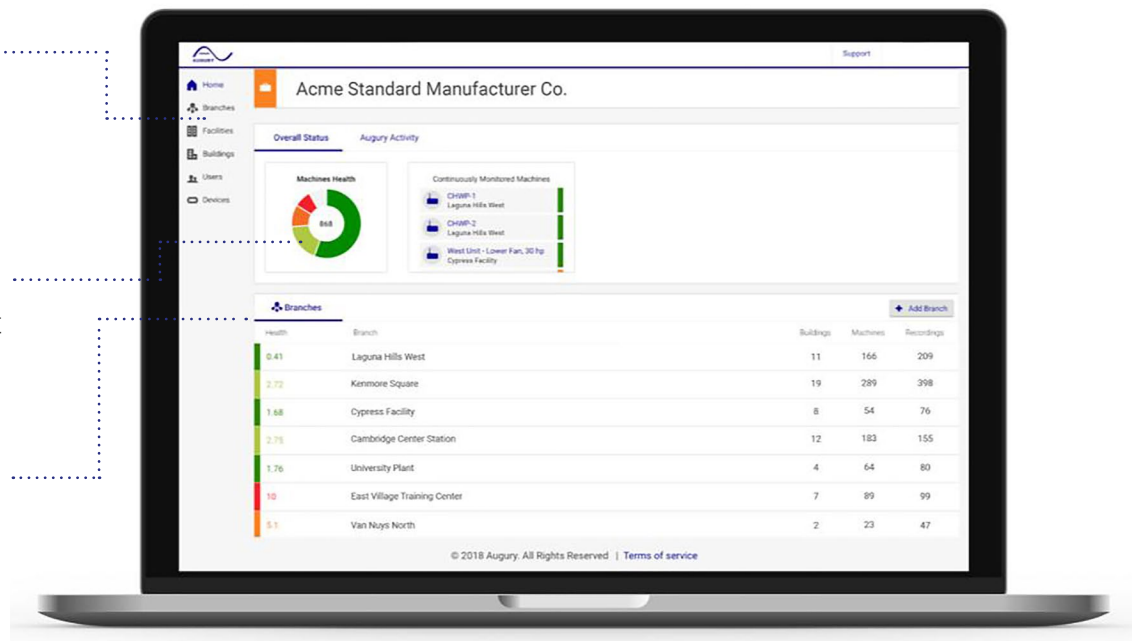
Identify which assets need your immediate attention and resources.

Machine Health Status

Get a quick health snapshot of your whole asset portfolio.

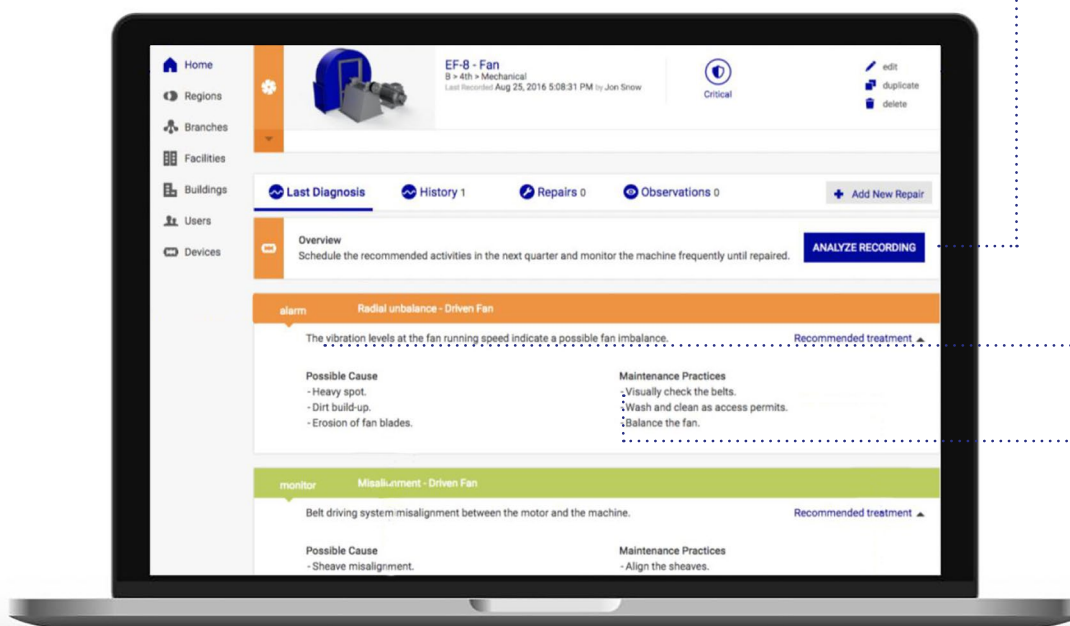
Facility Breakdown

Compare health and performance across your portfolio and deep dive at the site level.



Asset-Level Diagnostics

Access in-depth insights at the machine level to understand root causes and corrective actions.



Malfunction Cards

See clear identification of the diagnosed malfunction, affected component and severity.

Possible Causes

Access a list of potential root causes at the component level.

Maintenance Practices

Receive suggested remediative actions, starting with simple tasks and progressing to more comprehensive responses.



Halo Hardware

Multi-sensor wireless end points and high capacity gateways cover critical assets across the facility.

Tri-Axial Vibration

- 160+ mechanical and electrical faults
- Early stage diagnostics
- Oversampling for Ultrasound

Magnetic

- Electrical fault diagnostics
- Accurate RPM measurement for variable speed equipment
- Operational conditions

Sensor Fusion

- Anomaly detection triggers deeper analysis
- Simultaneous sampling on the machine as a whole
- Holistic data acquisition on multiple machines to compare performance

Low Power Vibration

- Anomaly detection
- Power savings
- Operational conditions

Temperature

- Anomaly Detection
- Verification of mechanical diagnostics

Gateway

- 3/4g Cellular Connectivity WiFi and Ethernet enabled Edge computing and storage capabilities



ISO/IE 27001:2013



Cover All Your Critical Assets

Wide coverage of process and utility rotating equipment.

AHU's
Axial Fans
Blow Molders
Bottlers
Cappers
Centrifugal Chillers
Centrifugal Compressors
Centrifugal Fans
Centrifugal Pumps
Chillers

Compressors
Conveyors
Cooling Towers
Dryers
Electric Motors
Extruders
Fans
Fillers
Gear Pumps
Labelers

Main Drives
Mixers
Mills
Screw Chillers
Screw Compressors
Screw Pumps
Servo Motors
Vacuum Pumps

Predict Machine Failure

Automatic diagnostics of most machine malfunctions.

Abnormal Ultrasound Emissions
Abnormal Vibration Emissions
Axial Unbalance
Bearing Lubrication Issues
Bearing Wear
Beat Frequency
Blade Pass Frequency
Cavitation
Damaged Rotor Bars
Electrical Faults
Electrical Discharge Through Bearing
Gear Friction
High Vibrations Relative Baseline

Impacting
Loose Connections
Loose Rotor Bars
Loose Stator Windings
Misalignment
Operational Issues
Pipe Strain
Pump Recirculation
Radial Unbalance
Resonance
Rotating Mechanical Looseness
Rotor Eccentricity
Rotor Mesh

Rubbing or Friction
Shaft Eccentricity
Significant Change in Vibrations
Stall/Surge Condition
Stator Eccentricity
Structural Mechanical Looseness
Trend Alert
Vane Pass Frequency
Very High Vibrations
Worn/Defective Belts
Worn/Eccentric Fan Sheave
Worn/Eccentric Motor Sheave

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