What if you could predict machine failures before they happen?
THE MOVEMBER FOUNDATION
Stopping men dying too young

https://moteam.co/augury
THE WORLD RUNS ON MACHINES
we make them better

MACHINES TALK, WE LISTEN
WE ARE ON A MISSION
TO MAKE MACHINES RELIABLE
THE OLD WAY

- Constant fire-fighting
- Limited maintenance resources
- Unpredictable machine failures
- Expensive repairs
- Long lead times
- Unscheduled downtime
- Unnecessary inventory
- Unexpected breakdowns
- Costly service vendors
- After-hours surprises
- Limited maintenance resources
THE AUGURY WAY

SMART SENSORS MONITOR YOUR MACHINES 24/7

ALGORITHMS PREDICT MALFUNCTIONS AND PROVIDE ALERTS

OPTIMIZED MACHINE PERFORMANCE

FULL VISIBILITY OF MACHINE HEALTH ACROSS YOUR FACILITY
THE AUGURY WAY

USA

BRAZIL

MEXICO

CHINA

KPIs

Plant Flow Systems

Augury Asset Health
ARTIFICIALLY INTELLIGENT DIAGNOSTICS
we combine machine learning with expert verification to provide actionable diagnostics
35,000 machines
6,000 facilities
MACHINE RECORDINGS OVER TIME

10,000,000
7,500,000
5,000,000
2,500,000
0

1/1/2017  7/1/2017  1/1/2018  7/1/2018  1/1/2019  7/1/2019
<table>
<thead>
<tr>
<th>Overview</th>
<th>Monitor the machine more frequently.</th>
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<tbody>
<tr>
<td><strong>Bearing wear - Driven Fan</strong></td>
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<tr>
<td>Possible Cause</td>
<td>Maintenance Practices</td>
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<tr>
<td>- Improper or contaminated lubrication.</td>
<td>- Check bearings lubrication and relubricate if required.</td>
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<tr>
<td>- Overload or fatigue damage</td>
<td>- Continue to monitor.</td>
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<td>- Improper fit/tolerances for application.</td>
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“Augury found a critical filler machine on the line that came back in Danger. This certainly could have taken the whole machine out, which would have halted the process line for 8 hours and 2 mechanics. This would mean 960,000 cans of beer.”

- William, Maintenance Business Process Manager
“Using the data provided helped us identify that we had issues when running a specific size. We had proactively completed maintenance work on part of the unit whereby we were seeing quality defects which was ultimately identified by your platform.”
What if you could predict machine failures before they happen?
EQUIPMENT AS A SERVICE

INCREASE AFTERMARKET REACH

MAXIMIZE UPTIME, MINIMIZE RISK

PREDICTIVE MAINTENANCE
UNCONNECTED ASSET

No continuous diagnostic capabilities

RETROFITTED SMART ASSET

Enhancing the existing installation base with automatic diagnostics

FULLY EMBEDDED SMART ASSET

Automatic diagnostics are enabled out of the box
CURRENT EQUIPMENT VALUE CHAIN

MACHINE OEM → DISTRIBUTOR → FACILITY MANAGEMENT / ENGINEERING → MECHANICAL SERVICES CONTRACTOR → INDUSTRIAL / COMMERCIAL FACILITY CUSTOMER

AFTERMARKET PARTS SUPPLIER
‘SMART’ EQUIPMENT VALUE CHAIN

MACHINE OEM

DISTRIBUTOR

FACILITY MANAGEMENT / ENGINEERING

AFTERMARKET PARTS SUPPLIER

MECHANICAL SERVICES CONTRACTOR

INDUSTRIAL FACILITY CUSTOMER
OUTCOME ECONOMY DRIVEN BY THE IIOT

OPERATIONAL EFFICIENCY
- Asset Utilization
- Operational Cost Reduction
- Worker Productivity

NEW PRODUCTS & SERVICES
- Pay-per use
- Software based services

OUTCOME ECONOMY
- Pay-per-outcome
- New connected ecosystems
- Platform-enabled Marketplaces

AUTONOMOUS ECONOMY
- Continuous demand sensing
- End-to-end automation
- Resource optimization and waste reduction
CENTRAL NERVOUS SYSTEM OF THE IOT
THE CENTRAL NERVOUS SYSTEM