Industrial Data Diagnostics

Discover hidden savings now with intelligent data management and industry benchmarking

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Easily identify value

Industrial Data Diagnostics is a cloud application that provides process and asset data quality analysis. It lets you put the good data to use and performance industry comparisons, while identifying the most valuable place to make improvements. The solution helps you continuously improve data quality operation and maintenance programs and easily scale them throughout the enterprise. The software includes asset and process analysis, holistic dashboards, and reporting.

Instant value:

- Actionable & Reliable Data in Seconds, Not Days
- Intuitive Benchmarking to Sharpen Focus on Cost improvement Opportunities & Performance Metrics
- Reduce Unnecessary Spend by Eliminating Persistent Bad Actors
- Standardize Analytics and Measurement Enterprise-Wide

Unlock hidden savings in your maintenance & reliability program, benchmark performance, and ensure trusted data drives decisions with greater confidence.

Sample Client Findings

Industrial data diagnostics delivered results*

Data Quality Insights

Cost missing on **94%** of work orders

Equipment data missing

63% manufacturer, **71%** model numbers, **34%** critical information

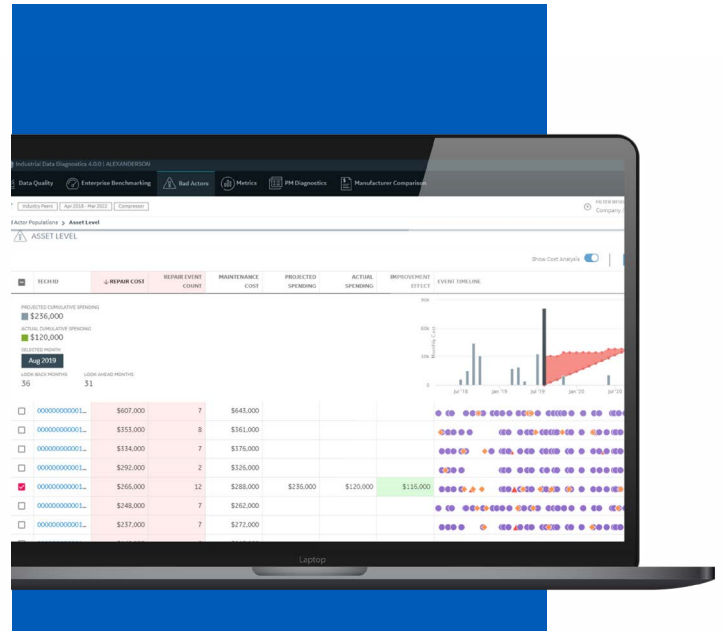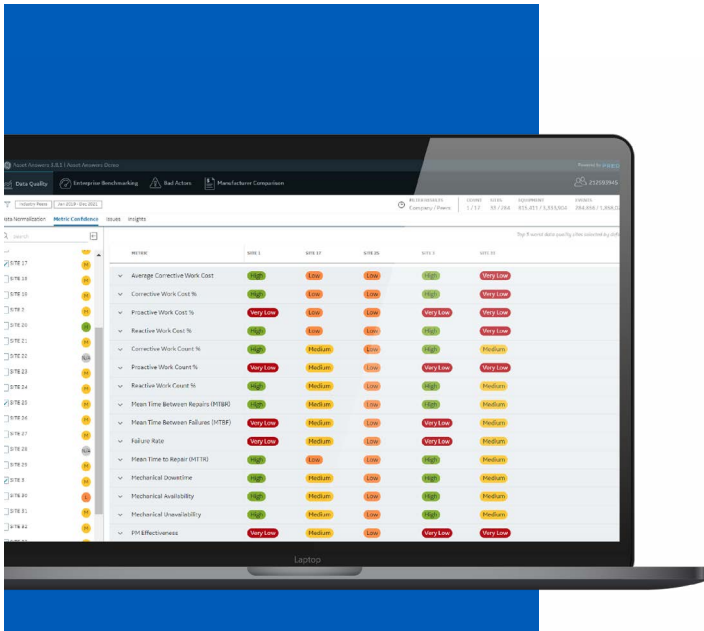**52%** repair work orders open

Business Opportunity - Benchmarking

Potentially save **$1.2M** on rotating equipment reducing repairs and costs

MTBR for centrifugal pumps save **$500K** a year in opportunity costs

Meantime between repair is **41%** compared to industry **36%** equaling $**136K** of savings

*Results are a representative sample and will vary based on customer inputs.

Industrial Data Diagnostics Solutions

Improving data management

Quality data means smarter decision-making. Ensures having a clearer vision of what's happening across your organization, so you can see where to focus your attention and how to make improvements.

Industrial Data Diagnostics analyzes the quality of your Computerized Maintenance Management System (CMMS) data to make all this possible. The software assesses data completeness, accuracy, timeliness, and standardization in key fields. In turn, identify ways to increase asset performance, boost reliability and minimize maintenance costs — all without ever having to halt your asset performance management (APM) programs.

Use Industrial Data Diagnostics to receive:

- Trend analysis reports to help improve data quality over time
- Confidence scores to show the reliability of that analysis
- Prioritization of data quality based on impact, value, and complexity to resolve
- Concrete, actionable recommendations for data improvements
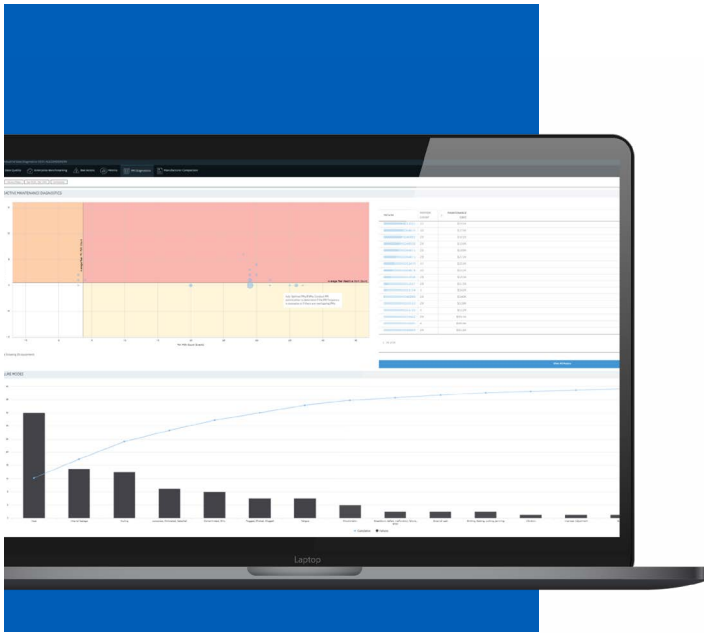
Identifying bad actors

In a complex industrial environment, keeping track of maintenance schedules is no easy task. Assets that frequently fail can continue failing — eroding your productivity and leading to unnecessary repair costs.

Industrial Data Diagnostics eliminates that issue by offering proactive maintenance diagnostics. Asset-level insights reveal if any of your proactive maintenance programs are ineffective, so you can fix them quickly.

Once an asset is running optimally, our improvement tracker provides detailed feedback on the cost savings you can expect to deliver.
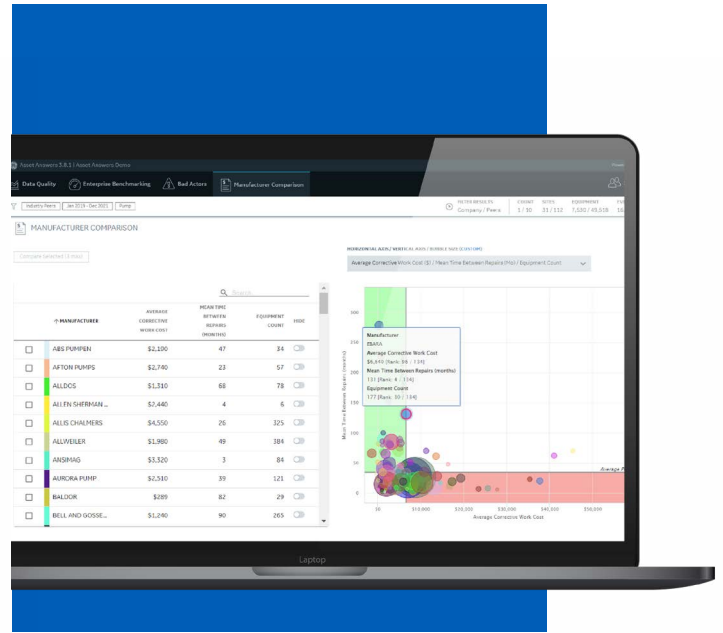
Make more confident data-driven decisions. Start with a free Quick Data Assessment.

Industrial Data Diagnostics Solutions

Preventive Maintenance (PM) diagnostics

With only a few steps, diagnose the corrective (reactive) vs. preventative (proactive) maintenance work performed on any asset category, class, or type to identify the effectiveness of proactive maintenance (PM) programs. Quickly assess the volume of maintenance work versus industry benchmarks and determine if preventive work is performed too infrequently or potentially too excessively. Identify ineffective programs, which have numerous maintenance issues being addressed yet still experience high failures.
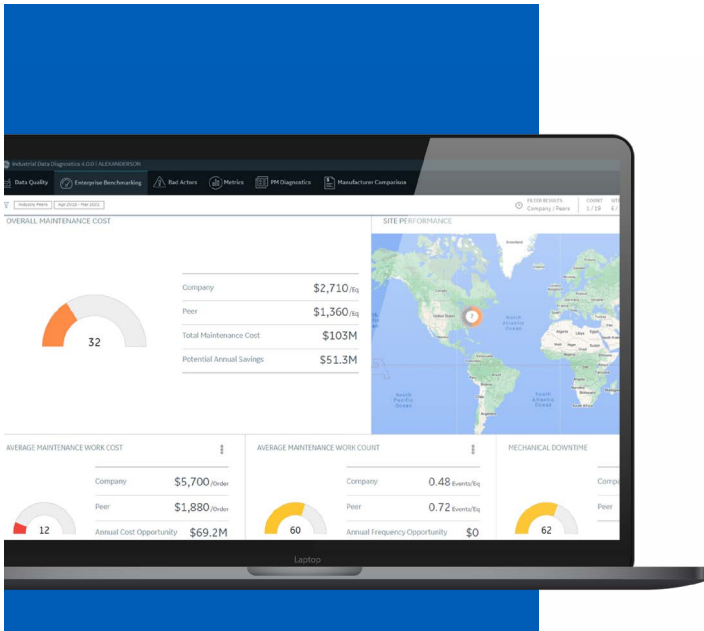
Manufacturer comparisons

Industrial Data Diagnostics helps make maintenance and procurement decisions based on trusted hard data. An intuitive interface lets you analyze specific equipment by different manufacturers, providing an easy way to measure potential cost savings and productivity gains.

Compare manufacturers using a host of metrics, including:

- Average Corrective Cost
- Mean Time Between Repairs
- Proactive Work Cost
- Reactive Work Cost
- Equipment Count

Industrial Data Diagnostics Solutions

Enterprise benchmarking

To make your operations more productive and cost-effective, context is everything. You need the ability to easily compare any changes made to refine, rethink, and ultimately improve what you're doing.

With Industrial Data Diagnostics, you can benchmark individual assets and process performance data across your organization — and against your industry peers too. Performance comparisons are also made between your own sites, giving you a big picture perspective across the entire enterprise.

Use our benchmarking tool to make the following comparisons:

- Overall Maintenance Cost

- Average Maintenance Work Cost

- Average Maintenance Work Count

- Mechanical Downtime

- Site Performance

In addition, Industrial Data Diagnostics lets you compare metrics between different manufacturers.

Automatic integration with APM

Our solution automatically integrates into your GE Digital APM program — serving as a non-disruptive, highly reliable diagnostic tool. This contrasts with other APM solutions, which simply pull data directly from the EAM/CMMS without validating its accuracy.

By understanding the gaps in your operations and maintenance programs — and getting actionable recommendations to close those gaps — you can drive increased production and plant efficiency. Across your entire enterprise.

See how Industrial Data Diagnostics drives reliability results

Start making immediate improvements in how you analyze and use your data with deep benchmarking analysis and domain expertise from GE Digital. Make data-driven decisions with more confidence and uncover value across your enterprise.

Get in touch

Ready to discover the value hidden in your data? Get in touch today and discover how GE Digital can transform your industrial operations.

ge.com/digital/data-diagnostics