

OPTIMIZE MAINTENANCE SPEND WHILE IMPROVING RELIABILITY

READY TO UNLOCK YOUR POTENTIAL?

uptake.com/compass

info@uptake.com
312.242.2200

Maintenance data is messy, and traditional reliability-centered maintenance techniques are resource-intensive. That's why maintenance and reliability leaders struggle for assurance that they are spending budget and hours on the right assets at the right time.

Uptake Compass is built upon our Industrial AI Platform which ingests, cleans, and organizes all types of industrial data at scale. With a foundation of clean and correctly organized data to work from, Compass offers more reliable cost-analysis of your maintenance program, interactive maintenance work order data exploration, and component survival analysis.

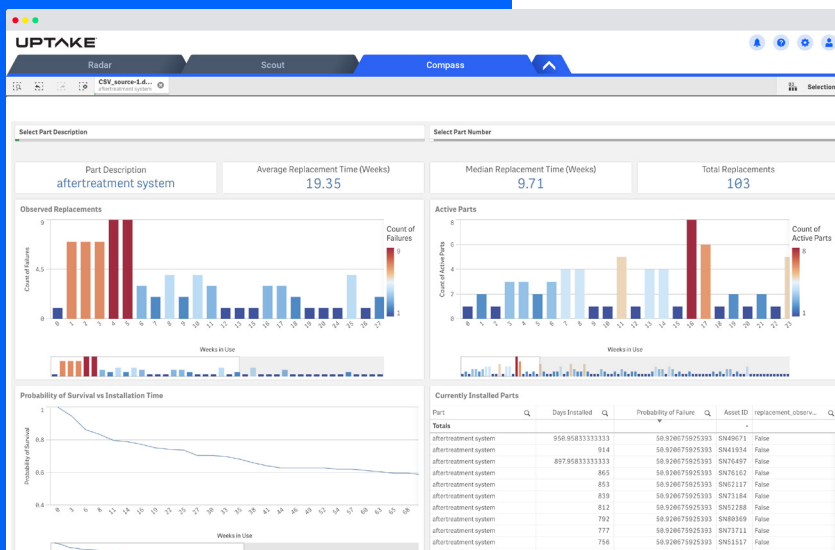
MAINTENANCE ANALYSIS

KNOW HOW MUCH YOUR MAINTENANCE IS REALLY COSTING YOU

- Reduction of catastrophic failures
- Improved asset reliability with extended service life
- Conversion of unplanned downtime into planned maintenance
- Optimization of operating and maintenance cost
- Achievement of operational excellence across asset types

+40%

reduction in annual
maintenance cost





FEATURES

- Optimize maintenance work orders
- Eliminate or defer unnecessary and low-value work orders
- Conduct real-time cost analysis
- Enable component survival analysis and recommended parts replacements
- Highlight potential flaws in records and automatically correct entries using natural language processing

USE CASES

1

INTERACTIVE WORK ORDER DATA.

Surface all relevant data in one business intelligence dashboard. Quick and easy filtering allows you to sort by equipment type, plant location, and more.

2

CLEAN, RELIABLE DATA.

Automatically identify potential flaws in records and correct entries using natural language processing.

3

ASSET AND COMPONENT SURVIVAL ANALYSIS.

Know exactly how much time you have left before a component will fail. Trust your data thanks to continually updated records.

4

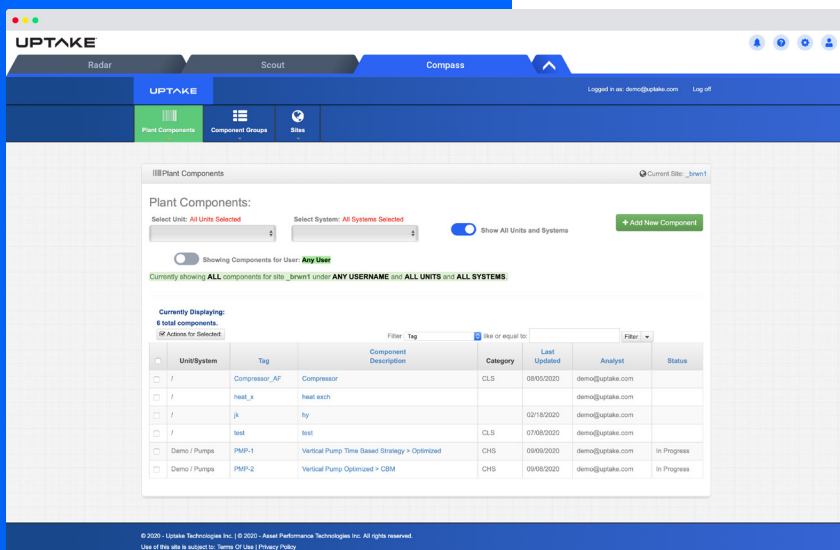
ACCURATE COST-ANALYSIS

See where every dollar goes. Know what parts fail most frequently and how much it costs to make those repairs, enabling focus on specific areas for cost optimization.

MAINTENANCE OPTIMIZATION

Leverage the world's largest library of machine failure data and maintenance recommendations to build and execute value-based maintenance strategies, make smarter decisions, and maximize the ROI of your equipment. Predict the reliability of your critical assets while quantifying the cost and value of your maintenance strategy.

The Uptake Compass: Maintenance Optimization module sets the standard for optimizing preventive maintenance programs. It dynamically adjusts to variables that are specific to your business, including operating conditions, plant requirements and market economics. Our data-driven insights help you develop new maintenance strategies, analyze alternatives to improve existing plans, and predict costs and benefits before implementation.





OUTCOMES

- Know why assets and components fail, and how to predict and prevent those failures.
- Drive cost-effective maintenance strategies by equipment type and function.
- Increase asset uptime, reliability and capacity while decreasing unplanned downtime.
- Reduce the demand and costs of operations and maintenance labor.

CAPABILITIES

GAIN UNMATCHED MAINTENANCE INSIGHTS FOR OPTIMIZING ROI

QUANTIFY MAINTENANCE PROGRAM VALUE AND OPTIMIZE REPAIR COSTS.

Compass Maintenance Optimization provides recommended maintenance plans based on asset conditions to increase the uptime and reliability of your critical industrial equipment. Powered by our Asset Strategy Library® (ASL®) – the world's most comprehensive database of asset types, failure mechanisms and maintenance tasks – it optimizes maintenance programs by balancing the cost of failure with the cost of Maintenance.

FEATURES

- DEEP ASSET BASE**
Get expert insights on approximately 800 asset types and the 55,000 ways they can fail, spanning diverse industries like energy, chemicals, manufacturing, mining and beyond.
- UNPARALLELED KNOWLEDGE REPOSITORY**
Benefit from the digital equivalent of 31,000 working years of professional industry experience.
- VALUE-BASED MAINTENANCE**
Understand your current cost basis, identify improvement areas, implement necessary changes and monitor performance continuously.
- FAILURE PREDICTION AND PREVENTION**
Predict equipment failure rates across your asset base to proactively prevent failures from happening.

COMPASS CUSTOMER CASE STUDY: NUCLEAR

NUCLEAR PLANT OPERATOR

A large nuclear plant operator used Compass to review and develop improved maintenance strategies at a facility where demand exceeded available resources. The challenge: reducing resource demand without sacrificing equipment reliability.

Compass identified trends in data to recommend a value-based maintenance program. Strategies for 600+ components were reviewed and analyzed. Options for alternative maintenance strategies were developed to maintain or improve existing reliability while reducing labor and costs.

The results: 1,660 annualized worker hour savings, \$187,000 annualized material cost savings, \$313,000 annualized production losses avoided and \$553,900 in total annualized savings.

\$553K

Total annual savings



INTEGRATIONS

ALL YOUR WORK ORDER DATA IN ONE PLACE

Connecting data sources has never been easier. Compass easily integrates and ingests data from a wide range of data sources making sure your data is ready to go.

IBM **Maximo**



OSIsoft®



GEOTAB®

Cal/Amp®



Don't see the integration you're looking for? Contact us at info@uptake.com