THE MOST TRUSTED SOURCE OF INDUSTRIAL INTELLIGENCE

READY TO UNLOCK YOUR DATA'S POTENTIAL?

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uptake.com

For decades, industry leaders around the world saw big data as the destination; now they are realizing that it was just the beginning. Most industrial data was collected without a clear strategy or purpose, making the extraction of value a huge challenge. That's where Uptake comes in. Over the course of more than 100 customer engagements, Uptake has analyzed billions of hours of machine data from equipment across various industries. With Uptake, outcomes are achieved quickly, reliably, and at scale.

4M
predictions per hour

150B
data points processed

30+
patents issued

2,000+
analytics models

WHO IS UPTAKE?

Founded in 2014, Uptake is the intelligence system for industrial assets. Providing AI-driven asset performance management solutions, Uptake gives all departments — maintenance, reliability, and operations teams — a single, shared view of every piece of equipment in an operation. With the power of machine learning (ML) and artificial intelligence (AI), Uptake helps customers predict and prevent asset failures and unplanned downtime. Driven by powerful data science models, our software delivers insights that mitigate risk, optimize maintenance strategy and asset performance, reduce costs, and enhance safety. With 30+ patents issued, Uptake is recognized for leadership in the industrial internet of things (IIoT) by the World Economic Forum, CNBC, and Forbes.

THE UPTAKE DIFFERENCE

CONTENT

- Asset-specific advanced analytics bundles
- Asset Strategy Library® (ASL®)
- Value engineering

DATA SCIENCE

- World-class data science engines and data tools
- High-precision artificial intelligence and machine learning models
- Cross-industry network effects

EXPERTISE

- Digital domain proficiency across OT and IT
- Asset-intensive industries subject matter experts
- Library of high-value analytics use cases

SOFTWARE FOR HEAVY INDUSTRY

INTEGRATE AI ACROSS THE BUSINESS

Operationalizing AI cannot be achieved in isolation. Every insight produced by an analytics model is an opportunity to take action. The business process — fueled by the insight — is what delivers the business outcome. The Uptake Platform takes operationalizing and integrating AI just as seriously as the building and training of data science models, with powerful APIs and connectors to deliver insights to a customer's technology ecosystem. Rather than replacing existing applications and workflows, Uptake enhances current systems.

AUTOMATE DATA INTEGRITY

Data integrity is the most important ingredient in any successful AI initiative. It's far easier said than done. Data science teams typically spend up to 80% of their time gathering and wrangling data. Let Uptake do the heavy lifting. The Uptake Platform automates the complex task of ingesting and standardizing data to ensure data integrity. With Uptake, the data is always ready for advanced analytics.

GO FASTER WITH CURATED AND LEARNED CONTENT

Uptake has the world's largest library of industry knowledge with the Asset Strategy Library® (ASL®), over 2,000 pre-trained models for specific asset types, templatized asset data models, and curated content — all designed for the industrial sector. Created and fine-tuned based on data collected over billions of operating hours across more than a million assets, this library is the secret weapon to AI success.

AVOID TRIAL AND ERROR WITH PROVEN TECHNOLOGY AND DATA SCIENCE

As a fundamental component of the Uptake Platform, AI engines enable new models for common use cases to be configured in minutes. Models to predict machine failures, identify component survival probabilities, detect pattern anomalies, and prescribe recommended actions are just some of the analytics that can be put into production very quickly.

9%
availability improvement

15%
technician efficiency increase

20%
maintenance cost reduction

SENSOR DATA IS VALUABLE, BUT NOT REQUIRED

	ENGINEERING DATA	TRANSACTIONAL DATA	TIME SERIES DATA
Examples	· Design capabilities · Operational constraints	· Work orders	· Sensor readings · Fluid lab analyses · Derived calculations
Purpose	Provide context for analytics refinement	Maintenance program optimization (planning, financial & performance)	Real-time anomaly detection and failure prediction
Typical asset	All	All	Connected asset that is critical to operations
Industry focus	All	All	· Fleet · Wind energy · Mining · Manufacturing · Rail · Public Sector
Contribution to value *Based on potential value of a full rollout of Uptake's capabilities across a connected asset portfolio.*	0% Note: no incremental value, but required baseline for analytics	58%	42%

INDUSTRY ANALYST FEEDBACK

TRUSTED BY THE MOST REPUTABLE EXPERTS

ARC
Advisory Group

"Uptake's overall strategy reflects the shift toward ready-to-deploy AI that leverages pre-trained industrial machine learning."

Gartner.

"Uptake's comprehensive, cross-industry capabilities for Predictive Asset Management are competitive with other IIoT platforms."
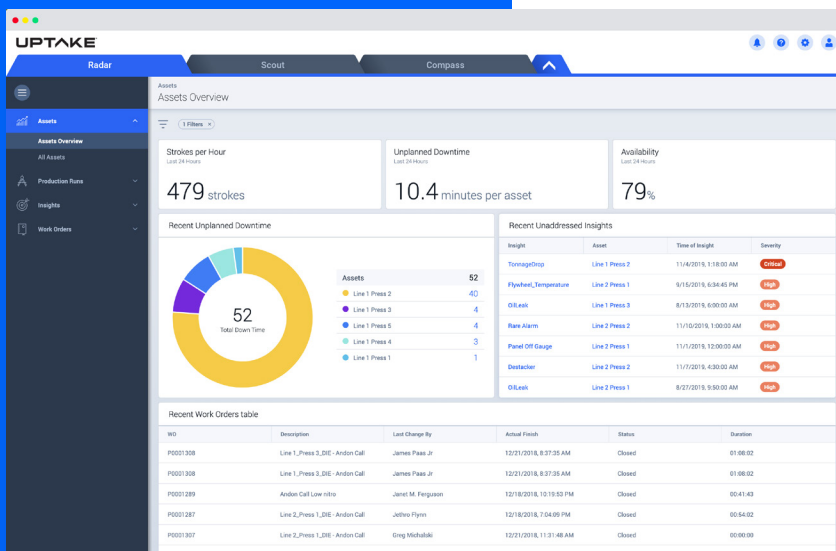
[APM Market Guide 2020]

diginomica

"Uptake does more with IoT by 10 am most days than many ERP vendors get done in a year."

FORRESTER®

"The most striking thing about [Uptake's Platform] is the end-to-end thought-fullness of the solution."

constellation RESEARCH

"Uptake's approach is a ground-up rethinking of using [...] device data."

LNS research

"The culture and vision that has been developed [...] at Uptake may well be the most agile and adaptable of any we have seen."

GLOBAL RECOGNITION

CRAIN'S CHICAGO BUSINESS
MOST INNOVATIVE COMPANIES 2020

WORLD ECONOMIC FORUM | Technology Pioneer

CNBC DISRUPTOR|50

Forbes AI 50

Gartner COOL VENDOR

Avoid the trial and error. Uptake delivers immediate value from industrial analytics based on our work with industry leaders.

CUSTOMER TESTIMONIALS

TANGIBLE VALUE ACROSS INDUSTRIES

"[What] Uptake does better than most is listen to product feedback and incorporate it into products."
— Fleet Analytics Manager

"[Uptake has] proven that AI and ML have moved beyond being buzzwords and can create tangible value."
— SVP of Equipment

"We have seen a 50% reduction in idle time since [we launched 6 months ago]."
— Senior Manager of Operations

"The application is simple to use, yet provides so much useful information."
— Sr. Manager Engineering & Sustainability

"This is one of the greatest things we've seen in a long time."
— Senior Fleet Manager

"Uptake's differentiation is the ability to create value almost immediately with [...] pre-trained models and industry expertise."
— Analytics Manager

"[Uptake's] constant development cycle and speed is much quicker than anyone else we work with."
— Fleet Analytics Manager

SELECT CUSTOMERS

FLEXCO

U.S.ARMY

Progress Rail
A Caterpillar Company

MIDAMERICAN
ENERGY COMPANY

American
Red Cross

BHE
RENEWABLES

United Road

UNITED STATES
MARINE CORPS

CATERPILLAR®