A Platform Of Answers Built For Industry, With Industry

**Global Scale**
Meets the demand of the modern enterprise

**Innovative**
Flexible framework designed to leverage evergreen technologies

**Contextual**
Integrates into your workflow to provide answers when and where you need them

**Actionable**
Provides actionable insights for everyone, from a field engineer to a CEO

**Secure**
Robust security and infrastructure
INSIDE THE DATA GRID

Designed To Integrate With Disparate Data Sets

Data Acquisition
- Powerful enough to pull data from millions of sensors, databases, and other data sources

Data Normalization
- Flexible enough to aggregate and process data in diverse formats and from multiple environments

Polyglot Data Storage
- Optimized for fast access to massive amounts of data
Reinventing Data Science And Software Integration

**Model Framework**
- Language-agnostic
- Automated testing and validation
- Innovative deployment software

**Rules Engine**
- Business logic
- Industry context
- Personalization

**Deep Learning**
- Predictive Engine
- Model Competition and Speed
- Closed Loop Feedback
INTEGRATION WITH YOUR BUSINESS

Predictions Are Just A Starting Point

**Structured Services**
- Asset and fleet management
- Location services
- Rules and alerts

**Software Development Kit (SDK)**
- Can be configured for integration with internal/external solutions
- Can be packaged for internal/external platforms

**Visualization**
- Responsive design
- Data visualization tools
- Interactive tools for data exploration
Appendix
Platform technologies
INSIDE THE DATA GRID

Data Acquisition

Data Acquisition in your environment

• Import data in batch or real-time (via our REST API and ETL architecture)

• Import data to/from secure cloud environments

• Ingest diverse, schema-free data at high speeds

• Security model based on leading practices and recognized industry standards including the Cloud Security Alliance (CSA), NIST & ISO
Data Normalization is critical for ensuring accuracy, efficiency, and quick access to data. The platform is capable of reducing multiple forms of data at global scale to its canonical form.

- Drives ability to process insights at scale
- Reduce dependencies on siloed legacy systems
- Aggregate structured and unstructured data from internal and external sources
No single data store is best for the wide range of problems we solve, so we built our platform on a **polyglot data store** capable of using more than one type.

- A time-series data store that handles the massive amounts of sensor data
- A graph data store that finds relationships and maps networks
- A document data store
- A relational data store for mission-critical data and transactions
Proprietary frameworks

Our data sciences tools and **frameworks** are built for speed and innovation.

**Language-Agnostic**
Enables newest algorithms to be easily built without regard to implementation language.

**Automated Testing & Validation**
Ensures that new or updated services work as well or better than their predecessors.

**Innovative Deployment Model**
Allows new technology to be swapped in with no downtime or disruption to service.
Our **rules engine** unites the core with workflow, ensuring that each insight is directed to the right place at the right time.

- **Business logic** Generates intelligent alerts and notifications.
- **Industry context** Modified rules and logic based on vertical specifications and needs.
- **Personalization** Configurable, user and company defined rules and logic.
Advanced Machine Learning

The best predictions delivered in context through **advanced machine learning**

- **Predictive Engine** Provides predictive analytics to every part of the platform
- **Model Competition** Evaluates hundreds and thousands of models simultaneously to deliver best possible predictions
- **Speed** Models are decomposed and can be evaluated wherever is most effective
- **Closed Loop Feedback** Integrates results of recommendations and actions back into the system to continuously improve predictions
INTEGRATION WITH YOUR BUSINESS
Structured Services

Structured Services provided by the platform can be leveraged across solutions, businesses, and industries

- Asset management
- Fleet (i.e., groups of assets) management
- Location services
- Content and Procedure Management
- Rules and Alerts
INTEGRATION WITH YOUR BUSINESS
Software Development Kit

SDK that ensures [REDACTED] applications can run on any platform, independently providing insights and predictions or tightly integrated with other solutions

- Enables detailed configuration for integration with internal and external solutions
- Allows for the packaging of applications for internal or external platforms
INTEGRATION WITH YOUR BUSINESS

Visualization

Beyond data or insights, [Company Name]’s solutions deliver answers and predictions **visually**, in workflow and context to those who need it:

- Responsive and mobile-enabled interfaces that scale from smartphone to room-sized displays
- Data visualization tools to uncover unexpected patterns, trends, and correlations
- Interactive tools to explore and drill into data for additional analysis