



SparkCognition

Enabling The Model Driven Enterprise



**Created to solve the most difficult
industrial challenges with
artificial intelligence**



RELIABILITY



SAFETY



EFFICIENCY

***Dedicated to improving the
science and research of AI and
machine learning***

Pillars of SparkCognition Solutions



Improve Availability

Predict failures and lead times for Industrial Assets Including individual Assets and Processes



Improve Performance

Identify issues causing various types of inefficiencies, resulting in Asset and Site underperformance



Enhance Operations & Maintenance

Guide and Optimize operations based upon procedures, routing and resource availability (Logistics, People & Parts)

Product Portfolio



Anomaly Detection

- Sensor Data Ingestion
- Pattern Recognition
- Normal vs. Abnormal Behavior Regimes

Failure Prediction

- Explainable to Users
- Continuously Learns



AI Building AI

- Accelerates AI/ML Projects
- Increases Model Efficacy
- Augments DS Teams



Automates Workflow

- Mine Structured and Unstructured Data
- Enhance M&R Task Planning

Content Analytics

- Creates Associations Across Management Functions – Work Orders, Incident Reports

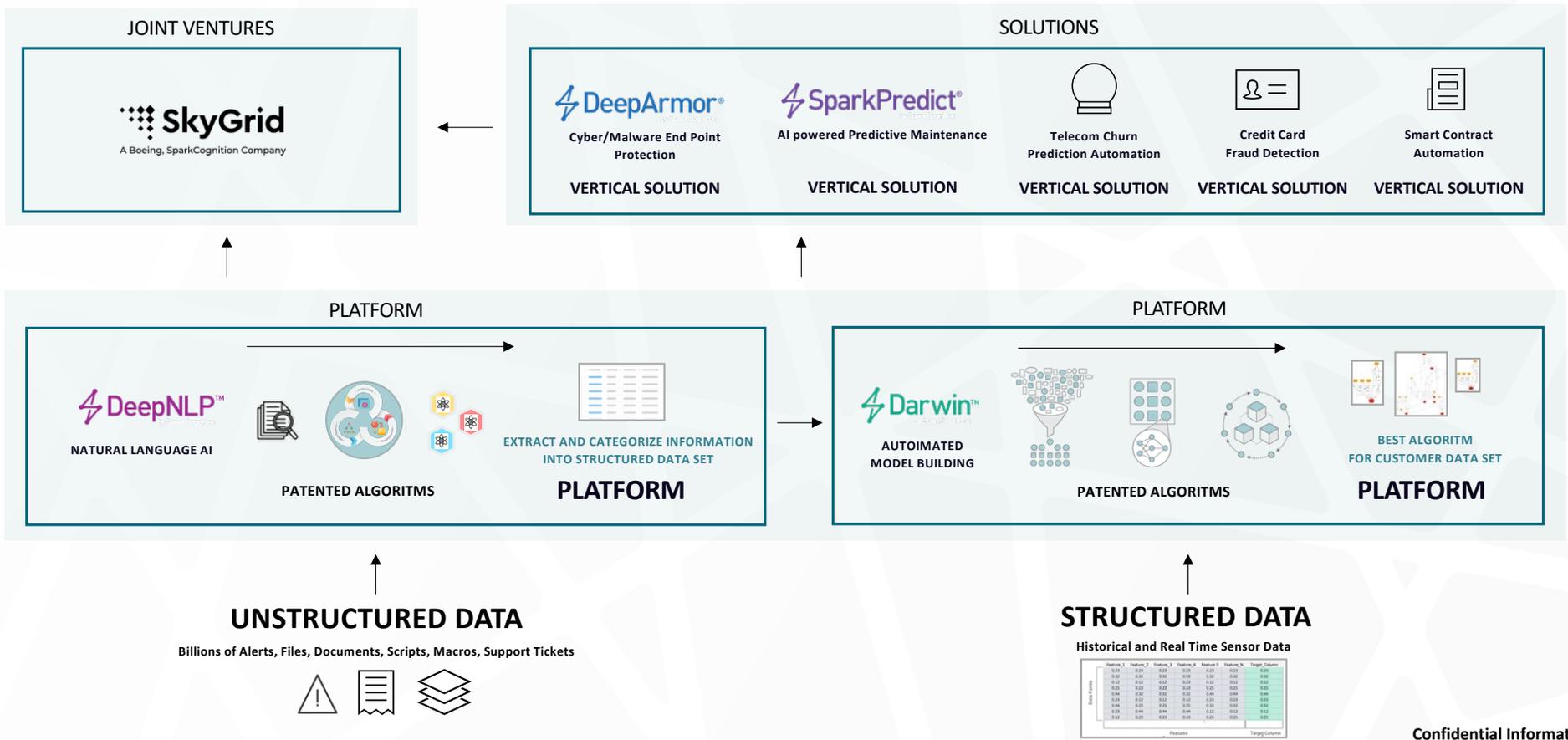


Endpoint Protection for IT/OT Systems

- Detects Multiple Attack Vectors and Weaponized Documents
- Prevents Execution of Malicious Files
- Highest Efficacy Rates

Plus collaborative R&D Projects

SparkCognition's Platforms & Solutions Cover "all" Data Types



Historical and Real Time Sensor Data

Class	Feature_1	Feature_2	Feature_3	Feature_4	Feature_5	Feature_N	Target Column
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SparkCognition's SparkPredict + Microsoft Azure



Quickly Deploy And Scale Your Industrial Asset Protection And Monitoring Solutions

Solution Alignment

SparkPredict + Microsoft Azure

By predicting impending equipment failures, customers can improve reliability and predictability



SparkPredict + Microsoft Azure Deployed At Scale

The largest AI deployment at scale in the Oil & Gas industry



Sparkpredict + Microsoft Azure Centralized Management To Help Predict Failures

Predict failures and lead times for Industrial Assets Including individual Assets and Processes

