

TRENDENCE

 Microsoft
Solutions Partner

Data & AI
Azure

Alliances →

Supply Risk Monitor

2023

#BeyondPossible

 Microsoft

Supply Risk Monitor Solution

Business Impact numbers

15%

Reduction in shortages

25%

Optimization in supplier risk mgmt. by analyzing item and external metrics

Time to execution

3

Weeks to Pilot

8-10

Weeks - Time to market

Problem Overview

Firms need a solution to better predict supplier outages, allowing them to avoid decreases in production by pre-ordering at-risk materials or ordering from alternative suppliers.

High level approach/ solution framework

The combination of Tredence's AI & advanced Data Science capabilities & Azure's data processing capabilities provides a winning combination that helps manufacturing firms.

- Analyze recent and historical item metrics data & supplemental data such as weather reports and social media posts to identify potential shortages weeks in advance
- Calculate risk levels from brand level to supplier/DC/item level.
- Determine dynamic rerouting plans.

Azure architecture or Azure components used



ADF Pipelines



Azure MS-SQL Database



Usage stats at a high level

1000+
suppliers

2000+
SKUs

10+
Supplier performance
evaluation KPIs



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