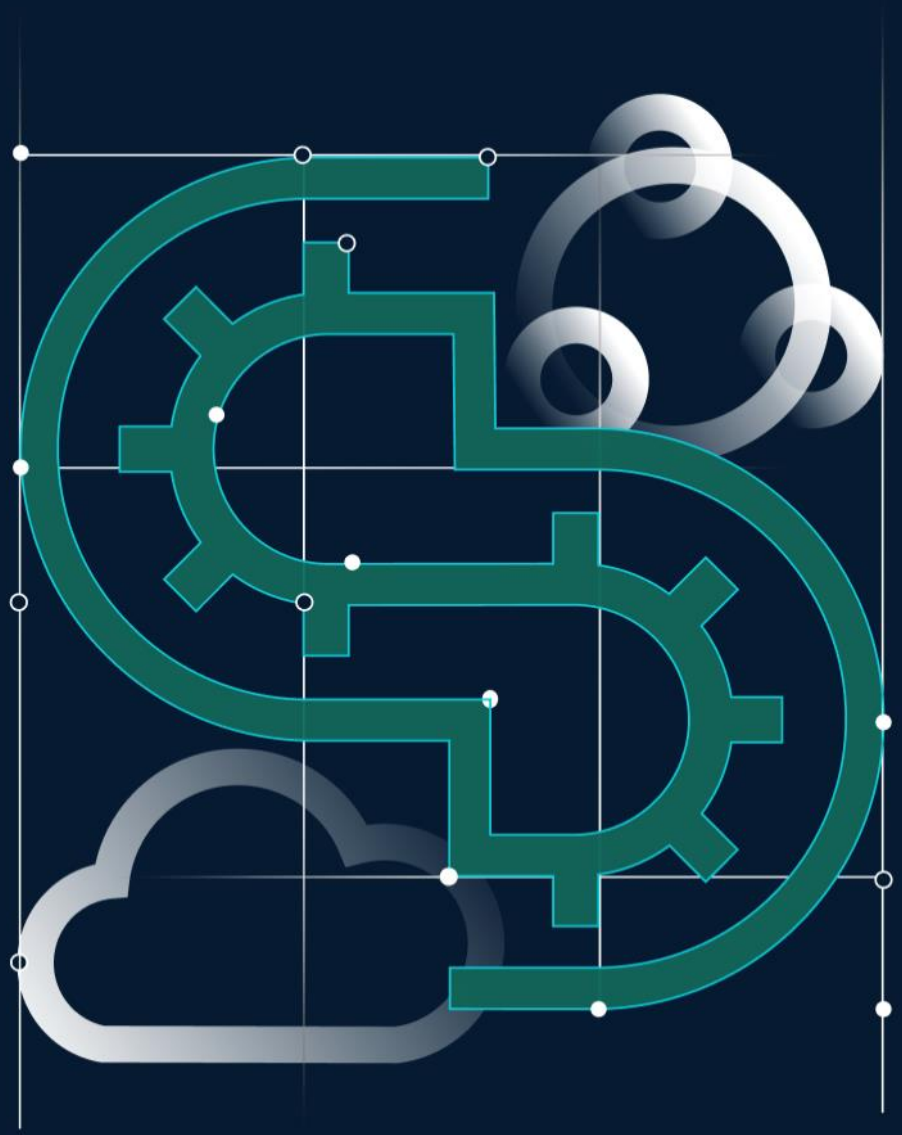


SPARROW

The first and only integrated spare parts management solution

SPARROW
AI in Spare Parts Management

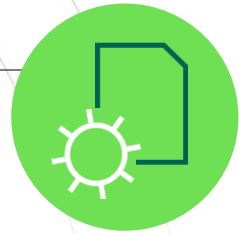
“Spare Parts Management is easy”

No one, ever…

The Challenges of Spare Parts Management

- Supply chain **uncertainties**
- Unpredictable **demand**
- **Low quality** data
- **Manual data** entry and management
- Hidden **Obsolescence**
- Hidden **Duplicates**

Where AI can help

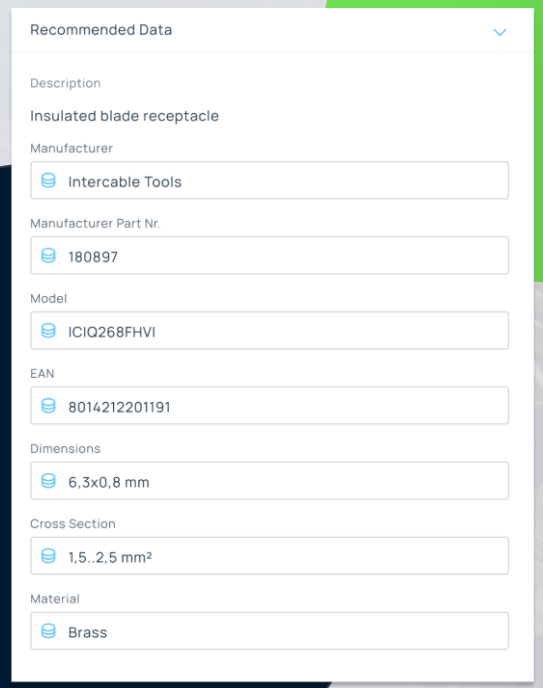


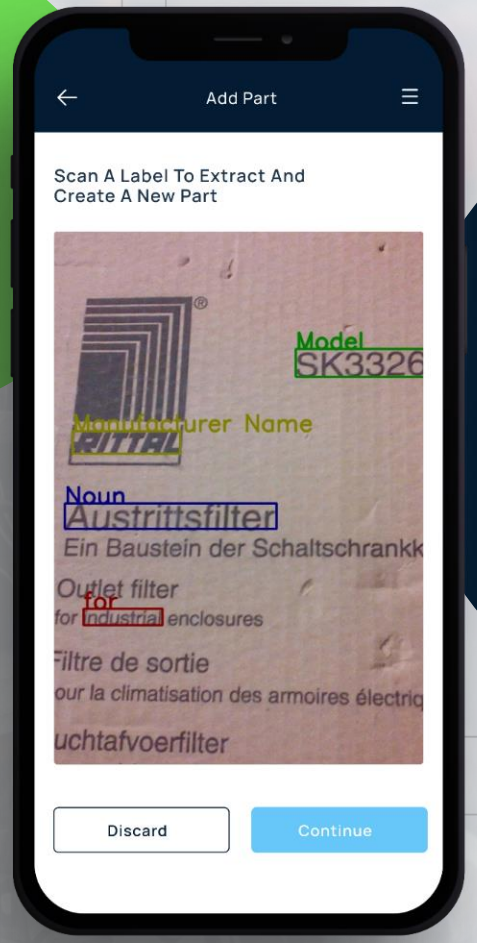
Data capture

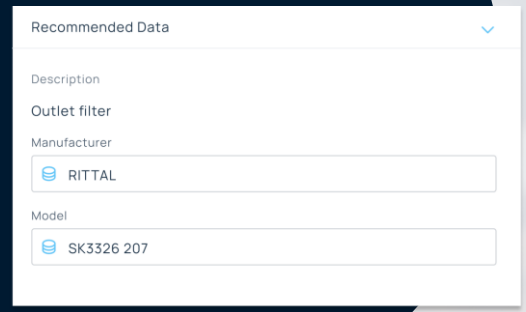
Prediction

Recommendation

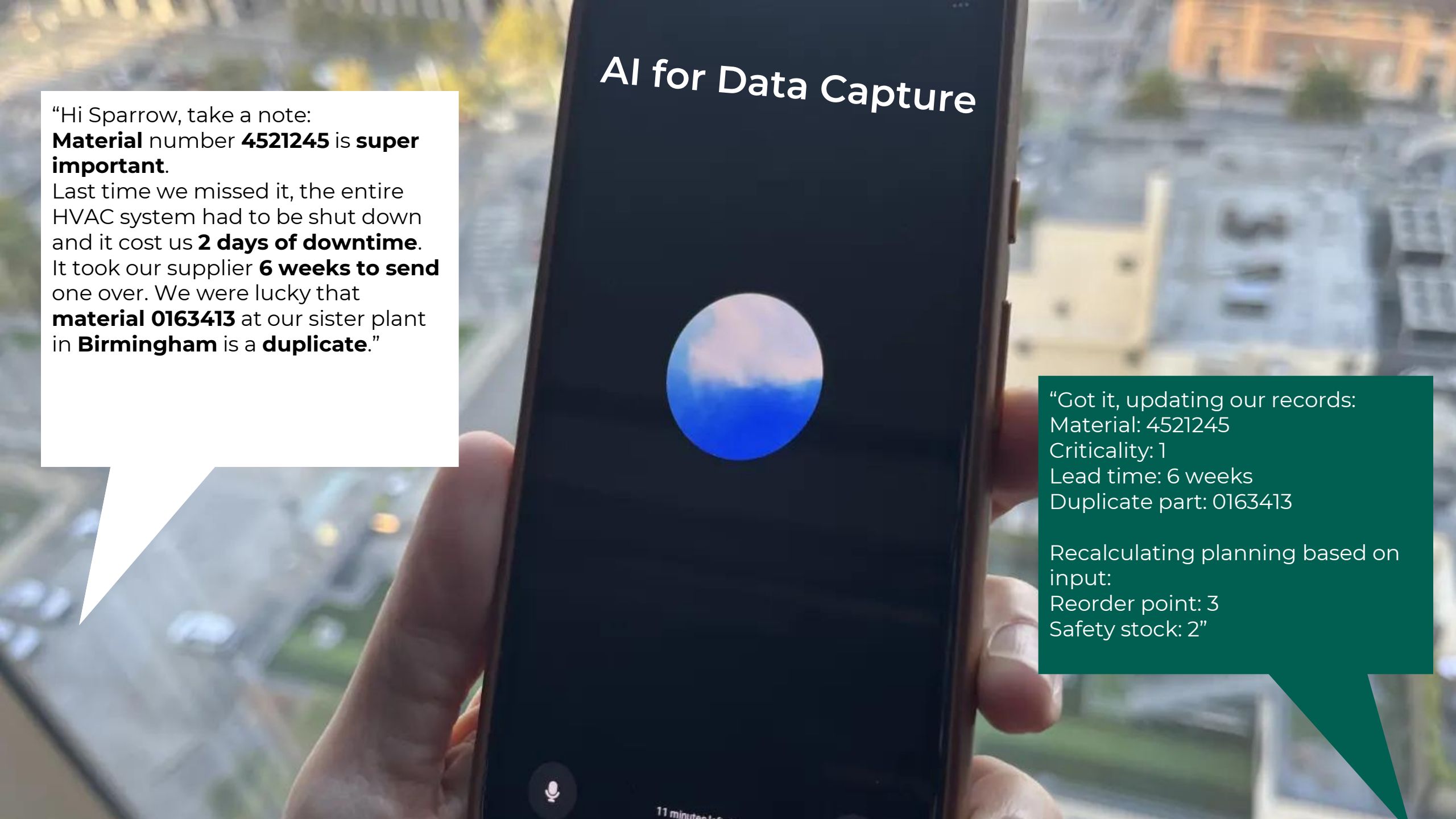
AI for Data Capture







AI for Data Capture

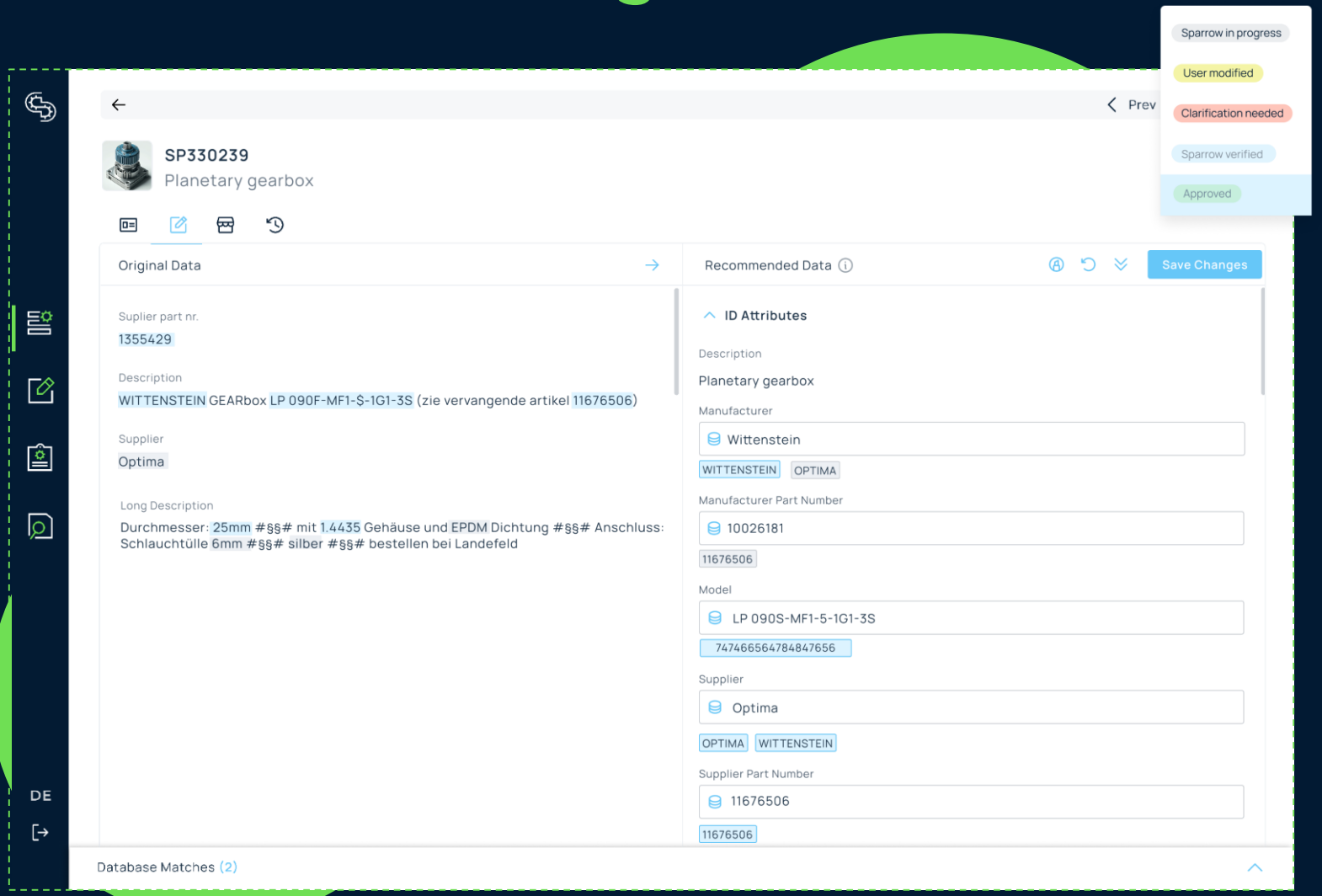


"Hi Sparrow, take a note:
Material number **4521245** is **super important**.
Last time we missed it, the entire HVAC system had to be shut down and it cost us **2 days of downtime**.
It took our supplier **6 weeks to send** one over. We were lucky that **material 0163413** at our sister plant in **Birmingham** is a **duplicate**."

"Got it, updating our records:
Material: 4521245
Criticality: 1
Lead time: 6 weeks
Duplicate part: 0163413

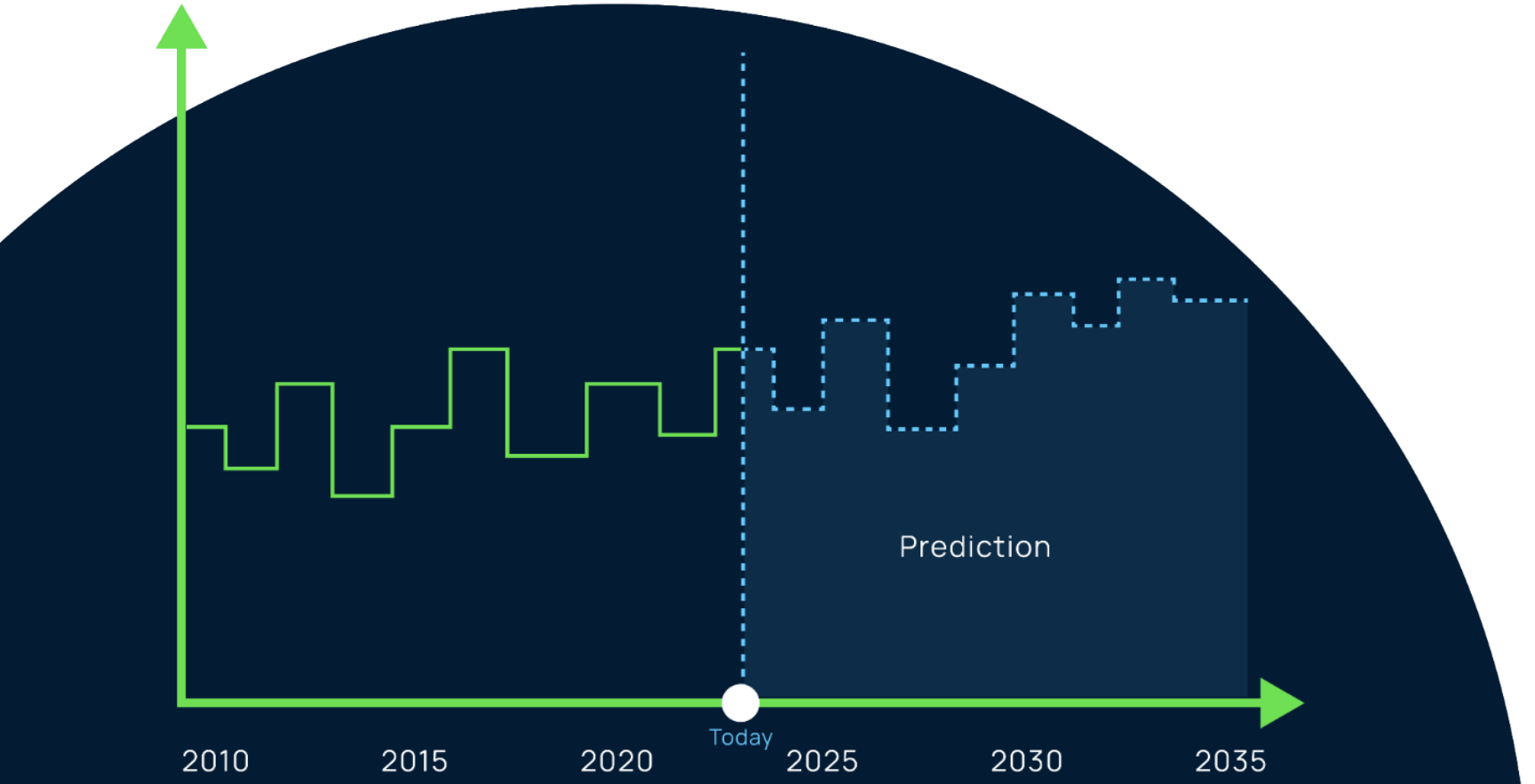
Recalculating planning based on input:
Reorder point: 3
Safety stock: 2"

AI for Data Cleaning



- Large Language Models can extract meaningful information from freetext
- Matching with manufacturer and supplier catalogs

AI for spare parts prediction

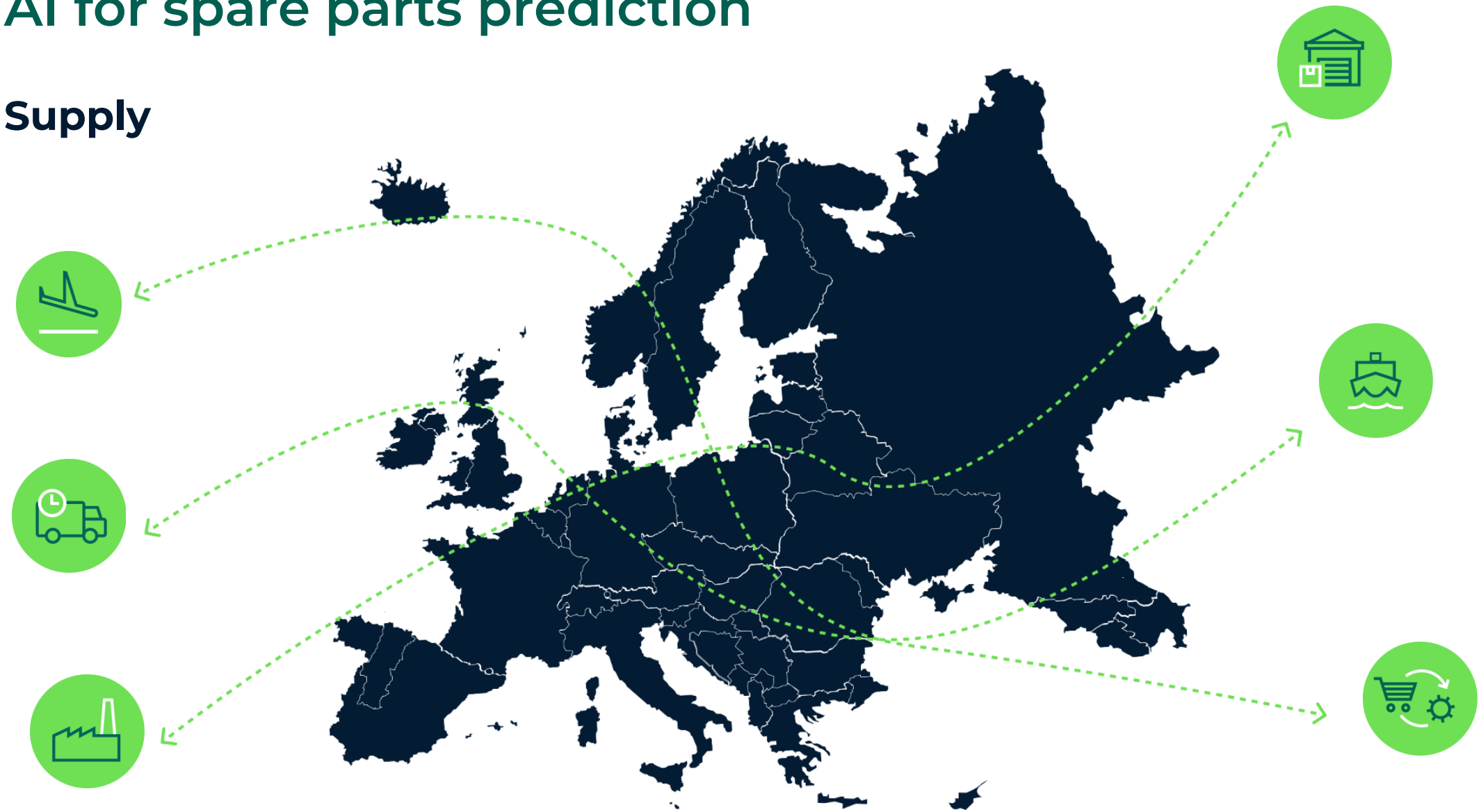


Demand

- Part type failure patterns
- Historic usage analysis
- Application on own install base

AI for spare parts prediction

Supply



AI Based Recommendation: Spare Parts Co Pilot

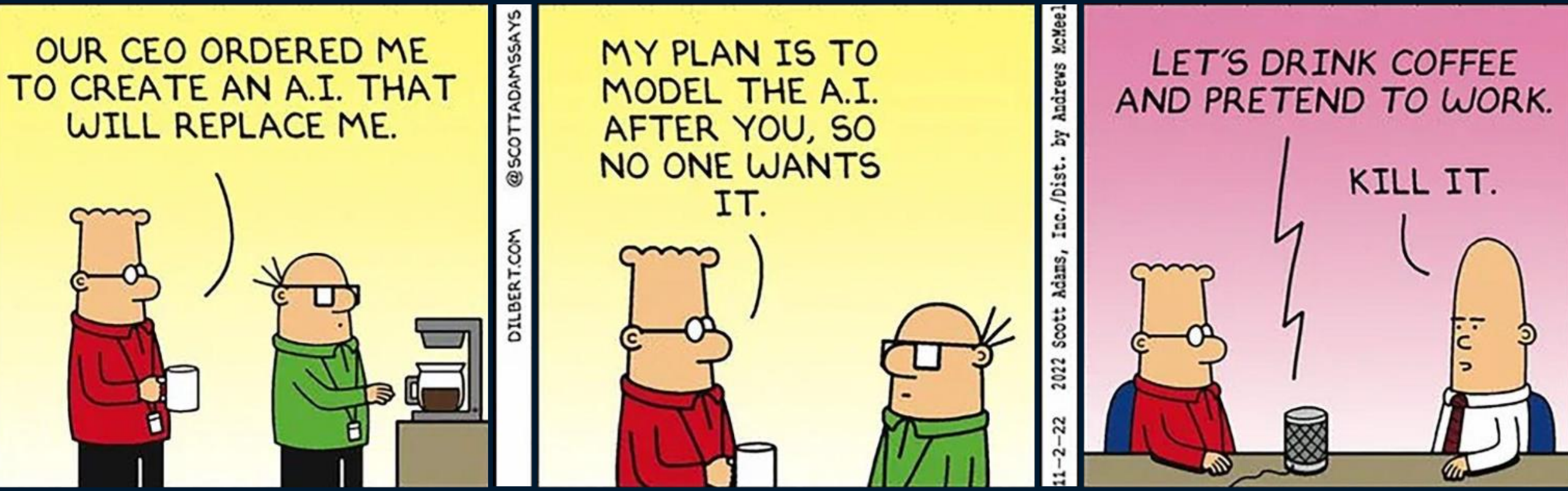
SPARROW®

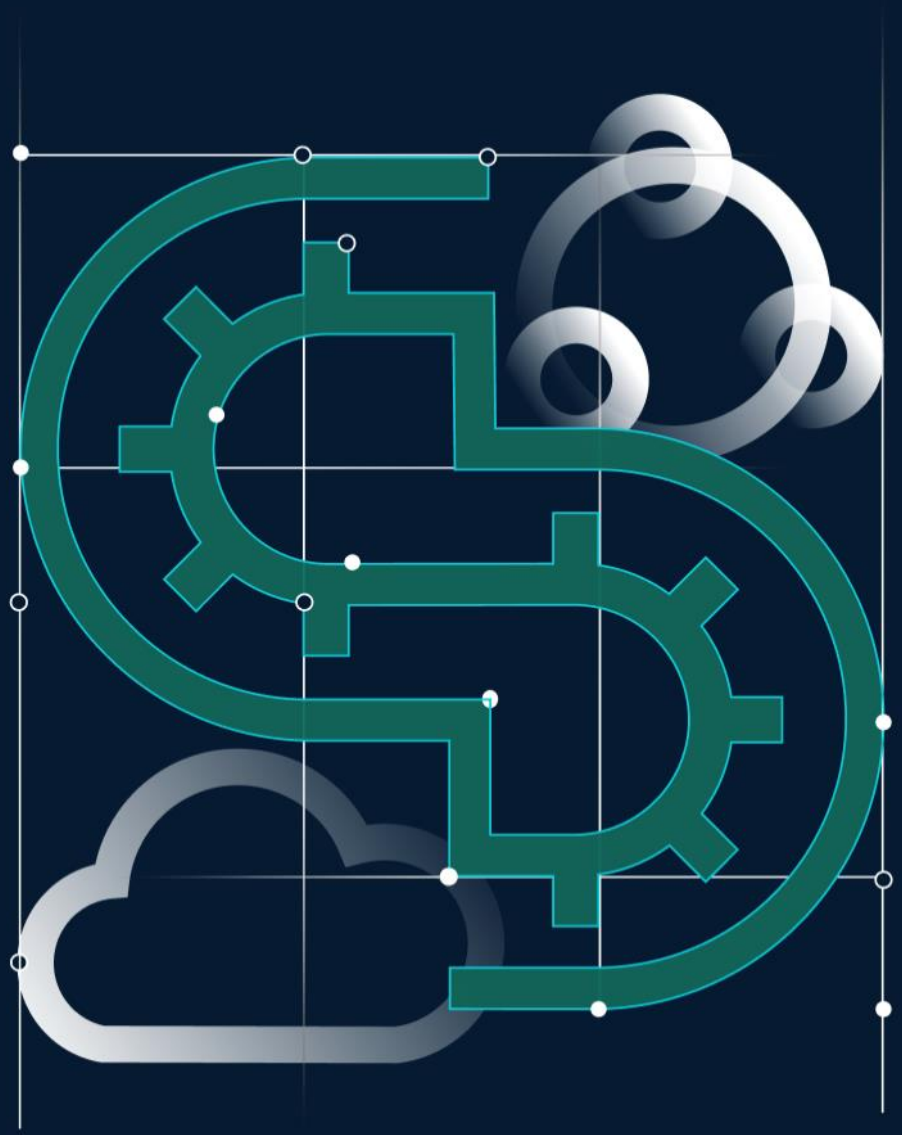
Plan

The app works for the planner in the warehouse and the strategic planner reviewing trends across the organization

SPARROW
The Future of
Spare Parts Management

Rolling out AI





Conclusion and Q&A

VP of Sales

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