



KEEP PLANES FLYING

How centralized data helps airlines fly

Maintenance is performed proactively and issues are prevented due to early warnings from Mindbreeze.

PROBLEM

Information about airplanes is scattered across hundreds of data sources. This info is often product specifications and maintenance guidelines, and none of this info can be ignored. These circumstances mean that employees at major airlines are conducting hours of manual work to identify maintenance needs. That's all BEFORE they fix anything!

Managing a handful of planes without AI help is feasible, but any continental or international airline has more than a handful of planes.

These realities are made even worse by the cost of mistakes. An unexpected grounding due to maintenance issues costs millions of dollars and damages brand reputation. Many airlines cannot afford processes that create reactive, emergency maintenance. It damages the bottom line and reputation amongst customers.

SOLUTION

Interactive BOM Diagrams:

- Click through products within seconds to quickly identify components and find data
- Hover over components to see essential data about maintenance

Mindbreeze 360-Views:

- Dashboard with live reports about maintenance tasks and deadlines
- Integrates data from multiple sources in one standard, personalized view
- Updated in real-time with accompanying notifications

Data Sources:

- Intranet/Internal File System
- Integrates data from multiple sources in one standard
- Maintenance System
- Product Manuals and Specifications

IMPACT

Planes keep flying when airlines use Mindbreeze. Routine and emergency maintenance is completed efficiently, and less time on the ground means more time flying and making money for the business. Often, this means identifying where supply should be adjusted to align with demand.

By putting real-time product data in personalized and customizable dashboards, Mindbreeze empowers product teams to focus on ways to grow sales based on that data.

The screenshot displays the Mindbreeze platform interface. On the left, a sidebar navigation includes 'COMPONENT', 'HANDBOOK', 'TREND', and 'EXPERT'. The 'COMPONENT' tab is active, showing a card for a 'Plug & Play with Sockets 15 Con...' component. This card includes fields for Description, Part Number (31075-170.FA3T1), Storage Location (Munich), Amount available (34), Price (\$235,723.84), and Production Eng. (Müller, Max). Below this are sections for 'Documents' (with three preview thumbnails) and 'Experts' (listing 'Erika Musterm' with contact information). A 'Timeline' section shows activity from 2018 to 2020, including events like 'Repair: FOD', 'Tested/inspected: Config Change', and 'Overhaul: Schedule Removal'. On the right, a 'Preview' window shows an exploded view of a hardware assembly. Four numbered callouts point to specific parts: 1 (Screw), 2 (Upper), 3 (Circuit Board (M028-379)), and 4 (Lower Housing (H341-622)). Each part is accompanied by a detailed data card with fields like Description, Part Number, Storage Location, Amount available, Price, and Production Eng.

Interactive Exploded View