

Evoke Workspace Search: Revolutionizing Manufacturing Data Management with Enhanced Efficiency

INDUSTRY: MANUFACTURING**REGION:** USA**TECHNOLOGY:** EVOKE WORKSPACE SEARCH (EWS)

About the Client

Our client is a century-old manufacturer specializing in automotive aftermarket replacement parts and has an extensive catalog of over 120,000 products. With a workforce exceeding 3,800 across 28 global locations, the company's headquarters are based in the United States.



The Business Challenge

Due to a history of multiple acquisitions, the client faced significant challenges in managing fragmented data sources. Key issues included handling product details,

comparisons, supplementary products, organization visibility, and data distribution to various systems, applications, and users.



The Solution

To tackle these challenges, the client implemented the Evoke Workspace Search (EWS), a unified, centralized search platform.

Key Features of EWS:

1. Configuration of Heterogeneous Data Sources:

Various indexes, fields, and analyzers were set up to manage diverse data sources.

2. Automated Data Imports:

Indexers automated data imports into the search index, ensuring information was up to date.

3. **Advanced Querying Capabilities:** The system supported simple keyword searches, full-text searches, faceted navigation, and advanced filters.
4. **Lucene Query Syntax:** Complex queries were enabled, providing filters to refine search results and facets for categorization.
5. **REST APIs:** APIs facilitated interaction between different systems and applications.
6. **Azure Diagnostic and Security Tools:** Azure tools were used to manage, monitor, and scale the search platform efficiently.



The Benefits

The implementation of Evoke Workspace Search brought several significant advantages:

- ★ **Real-Time Product Details:** Systems and applications gained real-time access to product details, enhancing efficiency and accuracy.
- ★ **AI-Based Product Searches and Comparisons:** Advanced AI search capabilities enabled unified product searches and comparison functionalities.
- ★ **Improved Visualization:** Users could easily view product images, sketches, and technical diagrams, aiding in better decision-making.
- ★ **Eliminated Duplication and Mismatches:** The centralized search platform prevented data duplication and product mismatches, ensuring data consistency.

*The integration of **Evoke Workspace Search** revolutionizes product data management, centralizing and automating processes for enhanced efficiency and accuracy. Businesses adopting this solution experience transformative improvements in operational capabilities, making it invaluable for organizations tackling similar challenges.*

Contact us today to explore how implementing Evoke Workspace Search can streamline your business operations and optimize data management.



Technology Stack

Evoke Workspace Search (EWS),
Azure Diagnostic and Security Tools,
REST APIs,
Lucene Query Syntax