

Resolve data quality issues

with a single source of truth for materials data globally.

OVERVIEW

In Apache's operating model, a centralized catalog team performed the material master creation and maintenance for all of its regional business units. To reduce the excessive back-and-forth communication between the centralized team and the business units required to clarify local material requirements, Apache made a significant investment and deployed a single SAP ERP instance with a focus on global master data. Unfortunately, without the implementation of data standards and governance, Apache had to contend with poor data quality data in its new system.

This created critical issues in inventory management and reporting, cost management and spend analytics, and sourcing. Users became increasingly dissatisfied. The company contracted a leading management consultant, PwC, to assess the situation. The consultant recommended Apache implement a Master Data Management solution to globally streamline, cleanse, and structure material data and establish an effective governance program.



Founded in: 1954



Oil & Gas exploration and production company



United States, Egypt, United Kingdom

\$6.3 billion

Oil & Gas Revenue

\$2.37 billion

Upstream Capital Investments

440,000 BOE per day

Production

195,000 unique SKUs

CHALLENGES



Controlling costs and managing inventory



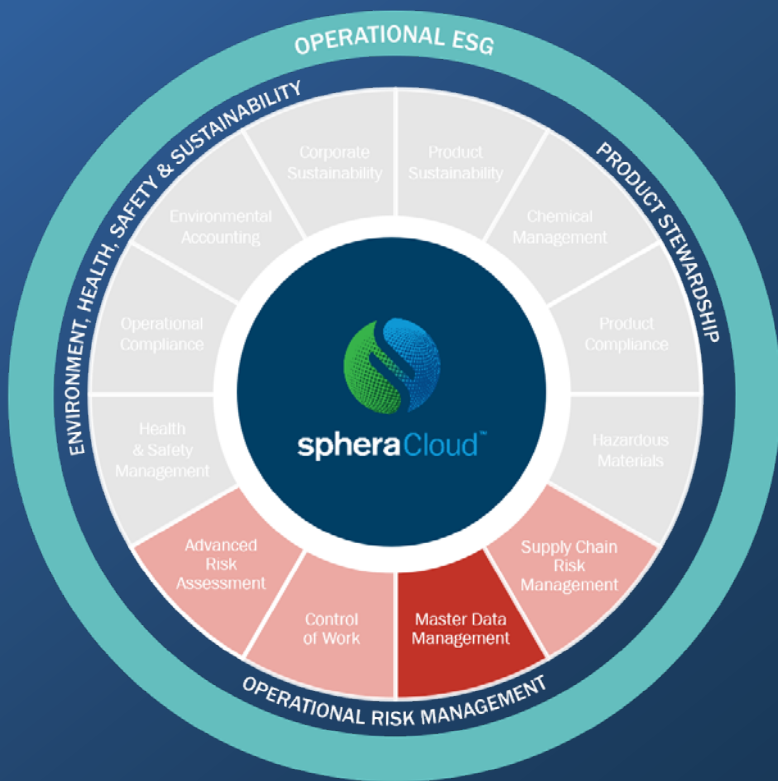
Complex, decentralized management
of MRO spare parts materials



Lack of data standards
and governance



Significant investments
in global enterprise resource management system with substandard results



SOLUTION

SPHERA'S MASTER DATA MANAGEMENT (MDM)

Apache turned to Sphera to help cleanse legacy materials data across six sites and four regions. The goal was to deploy common standards and governance processes, policies, and tools to achieve a sustained approach to reliable data.

Sphera's MDM solution helps organizations globally structure, visualize and manage data to:

- Improve overall asset management and business performance
- Optimize inventory
- Reduce and manage procurement costs
- Implement reliable maintenance programs
- Improve supply chain relationships
- Maximize enterprise system investments

RESULTS

With Sphera's Master Data Management solutions, Apache was able to cleanse 67,000 lines of spare parts data, optimize line item detail, and consolidate duplicate entries. In addition, they were able to maintain the integrity of their data with preprogrammed item descriptions as well as the ability to route new material requests to the right people for data completion and approvals. Over time, Apache has introduced more sites and more data and has continued to leverage Sphera's solution to optimize and govern more than 40,000 lines of additional data.

108,000+
optimized and governed catalogs

5.6%
Identified and consolidated
duplicate inventory entries

1
Centralized, global master
data management platform



**Reduced
maintenance
backlog**



**Optimized
inventory**
and reduced one-
time purchases



**Improved
purchasing
agreements**
and significantly
reduced item costs



**Seamless
integration**
with SAP ERP
solution

Is your organization ready to improve the reliability of data as well as the safety and productivity of its assets?
Contact us to learn more about Sphera's Master Data Management solutions.

sphera.com/contact-us