◆ **Alcoa**

Alcoa

Alcoa is a 135-year-old global leader in lightweight manufacturing and engineering and the eighth-largest aluminum producer in the world. With approximately 14,000 employees operating in 15 countries worldwide, Alcoa has made significant advancements in aluminum technology, resulting in high-performance alloys and specialized products for industries such as aerospace, automotive, construction, packaging, and defense.

The company decided to utilize Orbit Analytics as a primary operational reporting tool for its Finance, Supply Chain, and Project Accounting Applications along with reporting from Data Warehouse.

Company size: 12,200 (2021) | **Industry**: Metals

Project Scope

Orbit Implementation was a strategic project undertaken by Alcoa, a leading player in the aluminum industry, to modernize its reporting system. Facing the challenge of retiring Oracle Discoverer, which supported approximately 13,500 reports spread across Oracle Enterprise Business Suite (EBS) instances in North America (NOA), South America, Europe (EUR), and Australia (AUS), Alcoa aimed to introduce Orbit as a modern reporting tool replacement for Oracle Discoverer along with IQY and other small third party applications. The project's primary objectives were to seamlessly migrate to a centralized modern reporting solution and automate the efficient distribution of report outputs in shared locations, streamlining reporting processes across the organization.

The Challenge

Alcoa encountered a series of challenges in their migration process from Oracle Discoverer, including the retirement of multiple installs of Oracle Discoverer across their Oracle E-Business Suite (EBS) instances, the need to harmonize and consolidate diverse reports from these instances into a more manageable number, and the goal of eliminating reliance on third-party tools by establishing an efficient process for delivering report outputs.

The Solution

To address the challenges faced by Alcoa, Orbit proposed an innovative solution. By leveraging the multi-tenancy functionality of the tool, each Oracle E-Business Suite (EBS) instance was treated as a separate tenant, allowing Alcoa to maintain a single software installation while providing a tailored reporting solution for each instance. Additionally, responsibilities in Oracle EBS were to ensure data security and facilitate seamless integration with Orbit, enabling Alcoa to manage user and role access within Oracle EBS. The reporting data models were generalized across all the EBS instances, minimizing the need for maintaining a large inventory of data models.

Orbit also offered role-based capabilities, enabling the delivery of reports to network file shares, email, and SharePoint folders. Furthermore, Orbit's integration with XLEdge allowed the secure execution of reports directly within Excel, further enhancing Alcoa's reporting capabilities.

The Impact

- Reduced software installs: The utilization of multi-tenancy functionality in Orbit reduced the need for multiple software installations, resulting in cost savings in infrastructure maintenance.
- Simplified data model maintenance: By adopting generic data models across the tenants, Alcoa experienced easier maintenance, development, and enhancement of reporting data models, leading to improved efficiency.
- Streamlined reporting landscape: The reduction of reports from 13,500 to 500 Orbit reports eliminated redundancy and complexity by utilizing the Insights functionality of Orbit, creating a more focused and manageable reporting environment.
- Improved compliance and risk management: Implementing generic and harmonized Oracle EBS responsibilities for Orbit reduced compliance overhead and mitigated the risk exposure associated with managing multiple sets of responsibilities.
- Cost savings: The reduction in software installs, streamlined reporting, and improved compliance resulted in cost savings for Alcoa, optimizing resource allocation and utilization.

The implementation of Orbit at Alcoa brought transformative changes to their reporting landscape. By consolidating multiple software installs, adopting generic data models, and reducing the number of reports, Alcoa achieved significant cost savings and improved efficiency in its reporting processes. Furthermore, the implementation of Orbit enhanced compliance measures with reduced risk exposure, ensuring a more secure and streamlined reporting environment.

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