Auritas

CASE STUDY:

80% System Reduction with Accessible & Compliant PRA Archive for SAP S/4HANA Prep

Apache partnered with Auritas to migrate to SAP S/4HANA while tackling cost constraints and PRA compliance requirements. Auritas conducted a Data Volume Assessment and implemented a phased archiving approach, including a proprietary PRA archiving mechanism, to optimize system size and maintain access for compliance.

With the addition of Data ASSIST for automated archiving and ongoing monitoring, Apache achieved an 81% reduction in system size, realized significant cost savings, preserved compliance, and ensured long-term performance and efficiency in the new SAP S/4HANA environment.

About **Apache**

Apache Corporation, a subsidiary of APA Corporation, is a major independent energy company involved in the exploration and production of crude oil, natural gas, and natural gas liquids.

The company operates in the United States, Egypt, and the United Kingdom and reported over $9.4 billion of revenue in 2024.

The Challenge

Apache was preparing for a move to SAP S/4HANA to fully embrace the cloud. However, cost quickly emerged as a major barrier to project approval. A detailed analysis revealed that an 80% reduction in system size would be required before migration, an ambitious undertaking on its own.

For Apache, an IS-Oil customer, **Production Revenue Accounting (PRA)** compliance added another layer of complexity. Any data volume management strategy had to account for PRA data archiving while ensuring continued accessibility for compliance purposes.

Recognizing these challenges, Apache partnered with SAP and Auritas, leveraging Auritas' deep expertise in **data volume management** to execute this critical preparation step.

The Solution

Auritas began the project with a **Data Volume Assessment (DVA)**, which delivered a clear roadmap by identifying archiving opportunities, objects, and system optimization strategies.

To ensure a cost-effective and timely migration, Auritas applied a phased approach. The first phase targeted six selected functional and technical objects, a low-risk starting point that delivered immediate results and accelerated the overall project timeline.

In the second phase, Auritas expanded archiving across additional modules and implemented a proprietary PRA archiving mechanism. This ensured that Apache could preserve access to archived PRA transactions while maintaining compliance.

Technical Approach: Leveraging Auritas points, the team enabled PRA reversals or entries to be "linked" directly to a specific archived object. Within the journal entry, the archive link was referenced in the text field, allowing users to retrieve details seamlessly. This capability supported both individual entry lookups and bulk batch processing, balancing compliance requirements with operational efficiency.

The Solution

As the final step in the DVM project, Auritas deployed Data ASSIST, an automated data archiving and scheduling solution.

Data ASSIST delivered real-time insights into Apache's database, tracked all data management activities, and provided intelligent optimization recommendations. Most importantly, it ensured that Apache could **maintain a rightsized system** well beyond the migration.

By automating archive scheduling, Data ASSIST safeguarded the cost savings and performance gains achieved during the engagement, ensuring they carried forward into the new SAP S/4HANA environment for sustainable, long-term value.

Results & Benefits

The DVM project and Data ASSIST implementation resulted in:

- ✅ 81% size reduction across the SAP landscape, achieving the initial requirement for transition.

- ✅ PRA archiving allowed for savings and size reduction while retaining access and ensuring compliance.

- ✅ Monetary $$ savings when migrating a smaller database to SAP S/4HANA.

- ✅ Data ASSIST provided ongoing growth control, ensuring costs stayed low even in the new environment while providing insights into their database.

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About **Auritas**

Auritas is a global ERP products and services company specializing in ERP deployments, data management, process optimization, and product innovation. As an SAP Cloud Choice Flex Partner, the company has established itself as a leading pioneer in the rapid deployment of transformation engagements spanning the full suite of SAP solutions.

The company has successfully achieved over a Billion in accumulated customer savings due to its expertise and experience maximizing IT investments. With strong partnerships including SAP Gold and Cloud Choice Flex Partner, OpenText, Google Cloud Platform, OpenText, AWS, Microsoft Azure, and Vertex, Auritas consistently delivers measurable ROI across leading industry verticals.