



AEP Improves Maximo Performance Through Scalable Data Archiving

AEP optimized its IBM Maximo environment by archiving millions of historical Work Order, Service, and Audit records. Estuate implemented IBM Optim for Maximo Archive with custom validation to reduce database storage, improve system performance, and keep historical data accessible for audit and compliance.

1. Business Challenge

AEP needed to control growing volumes of historical Maximo data while protecting complex record relationships and keeping archived data accessible.

They needed to:



Manage large volumes of historical Work Order, Service, and Audit data that drove up storage and degraded Maximo performance.



Validate interconnected Work Order, PR, PO, and Invoice records before archiving to preserve dependencies and avoid orphaned data.



Archive high-volume data with minimal disruption while keeping records accessible for business, audit, and compliance needs.

2. Estuate Solution

Estuate implemented IBM Optim for Maximo Archive and IBM Optim Archive Viewer with custom validation to archive historical data at scale while preserving data relationships and accessibility.

- Installed and configured IBM Optim for Maximo Archive to archive Work Order, Service, and Audit data.
- Implemented IBM Optim Archive Viewer for seamless access to historical data.
- Built custom validation queries to preserve PR, PO, and Invoice dependencies and prevent orphans.
- Implemented “Split and Run” processing to archive large Audit tables with minimal impact.
- Leveraged MAS 9.1, Oracle 19c, RHEL 8.10, and Windows Server 2022 within the solution environment.

3. Business Impact

Estuate helped AEP reduce its database footprint, improve Maximo performance, and keep historical data secure, compliant, and accessible.



Archived **millions of historical records** with minimal disruption.



Reclaimed **TBs of storage**, significantly reducing the primary database footprint.



Created **0 orphan records** across linked PR, PO, and Invoice data.



Improved Maximo **performance** while keeping historical data **secure, compliant, and accessible**.

Talk to our experts



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