



IMP Group Flies High With Solix EDMS Database Archiving

Challenges

- Large amounts of historical and scarcely accessed data
- Seriously affected application performance
- Needed to retain ready access to archived data
- Creating test databases takes a long time

Results

- Database size expected to reduce by 25%
- Application performance enhanced
- Historical data moved to lower cost storage
- Users can still access archived data online from their JD Edwards application
- Reduced back-up time. New release upgrades will be much faster

IMP Group International Inc. is a diversified, global organization with operations in aerospace, aviation, healthcare, industrial marine, property management, hospitality and information services. With 3700 people in 8 major divisions, IMP has been using JD Edwards EnterpriseOne to manage its operations. The complex processes required to manage diverse businesses from aerospace to property services has resulted in complex setup, maintenance and data management processes for their JD Edwards application. IMP Group needed a way to better manage its ERP infrastructure as its business grew and so also the transactional data in the JD Edwards environment running on MS SQL Server.



IMP is running several modules of JD Edwards, including General Ledger, Accounts Payable, Accounts Receivable, Sales Order Management, Procurement and Work Order Management. The system was running into performance issues during peak periods and month end closings. Furthermore, key business and operational processes could not be completed during the available time windows. IMP looked to Solix EDMS Database Archiving to improve application performance, meet its business goals and lower maintenance cost and effort for its JD Edwards application.

Archive for Performance

IMP Group was preparing for an application upgrade and realized that they need not carry all of the data forward to the new release. Attempting to migrate all of the data to the new release would extend the upgrade go-live time beyond the allotted upgrade window, effectively shutting the business down during regular business hours. Additionally, migrating all of the data to the new release would only exacerbate the existing performance and maintenance challenges in the existing database server.

By archiving scarcely accessed historical data to near-line storage, the upgrade time could be shortened and application performance would be improved as the production database would now be significantly smaller. Even though the historical data was archived out of the production JD Edwards database, access to the archive database was maintained for compliance and reference purposes.

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Solix's EDMS for JD Edwards EnterpriseOne has provided us with the capability of using tiered storage to optimize our transactional speed and to reduce our overall storage cost. All of this while providing our customers with seamless access to both live and archived data

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Holistic Approach to Database Archiving

Working with Solix, IMG Group established clear goals, requirements, outcomes and procedures that would allow Solix to implement best practices gleaned from previous database archiving experience. By developing an Archive Design Matrix that effectively combined business logic with the technical details for each table being archived, IMP was able to meet their project goals. To ensure a seamless archiving project, Solix Professional Services actively monitored the archiving process to ensure integrity of the archive and allow for testing to be performed in a timely manner.

Results

Once the first phase of archiving is completed, the JD Edwards database is expected to reduce by 25%; users will still have simultaneous access from their JD Edwards native application to the complete data set – data in the production server, data in the archive server and merged data from both production and archive server. With first phase completion, IMP Group should also see better application performance, reduced infrastructure and maintenance costs while experiencing no business-hours downtime during future release upgrades. In the next phase, IMP Group will also implement Solix EDMS Subsetting and Solix EDMS Data Masking, leveraging additional capabilities from the software.

Solix Technologies Enterprise Data Management

Solix Enterprise Data Management Suite (Solix EDMS) enables centralized management of data classification and security policies. At the core of the Solix EDMS is the Solix Enterprise Metadata Manager, which manages multiple applications metadata for all data types independent of the hardware platforms through a unified policy manager data types independent of hardware platforms.