



Addresses Oracle E-Business Suite Data Management Challenges with Solix

Background

American Tire Distributors (ATD), is North America's premier tire distributor based in North Carolina. ATD boasts a vast distribution network with 140 distribution centers and warehouses, and over 1,400 active delivery vehicles.

The Challenge

- Exponential data growth on their ERP system
- Implementing & automating data compliance
- Time and manpower to manage active archiving projects

The Solution

Solix Common Data Platform (CDP) for Database Archiving with Oracle validated Integration with Oracle E-Business Suite 12.2, and the Solix Managed Service Team to offload quarterly archiving and purge support.

American Tire Distributors (ATD) is a longtime customer of Solix Technologies Inc. data management solutions based out of Huntsville, North Carolina, ATD has quickly grown into one of North America's leading tire distributors. With that rapid growth came a deluge of data into their production database, data that was held for regulatory purposes, but had no intended business use. This data quickly showed signs of overwhelming the production database, clogging up valuable resources and decreasing application effectiveness. In 2010 ATD IT staff began working with Solix to reduce their data into useful and manageable pools to provide better insights, compliance, and optimize application performance.



The Challenge

At the time of purchase in 2010 ATD was dealing with a surplus of data much of it older and less frequently accessed clogging up the production database and degrading application performance. By 2010, exponential data growth was causing ripple effects throughout the company. Complete backups took 20 hours. Test database clones took as long as four days. Nightly batch processes were encroaching on the workday. When overnight processes extended into the next business day, employee productivity suffered. Employees at ATD's Field Support Services office were sometimes forced to wait until as late as 11 a.m. to start work. Delivery route planning was delayed affecting customer satisfaction. In some cases, daily processing was being held over until weekends. These ripple effects added up quickly and were detrimental to the overall business performance and had to be addressed.

Now, 10-years later, ATD continues to partner with Solix to actively identify, archive, and purge from Oracle E-Business Suite to maintain performance objectives. With a 20TB production database with at least 15 modules being actively archived, ATD moves an average of 2 TB from the production database each year.

"Two major concerns for ATD at the time were a rapidly growing database and concerns over application performance in the long-term. We implement a lot of new projects, and needed an archiving and purge strategy to avoid future performance issues directly related to the increase in the size of the production database." Said Naveen Tati, Manager of Oracle Applications at ATD.

The Solution

Two components of the Solix solutions are: Solix Common Data Platform (CDP) with Oracle validated Integration with Oracle E-Business Suite 12.2, and the Solix Managed Service Team which offers best-practice data archiving and purge support.

The Success

- Managed the growth rate of the production database by implementing a 2-year retention policy and moving that data to an archive.
- Maintained or improved performance despite massive data growth.
- Saved millions in hardware and software licenses by moving off the Oracle Exadata platform. At the same time, performance remained the same or improved in some areas after getting off the expensive platform.
- Solix Managed Service handles their quarterly archive, eliminating the need for ATD personnel to work on a weekend.

Solix CDP helps you quickly identify infrequently accessed historic data from your production applications, and 'move' it to a secure archive with data integrity and access preserved. It greatly helps optimize infrastructure, improve application performance, reduce software license and storage costs. It also helps improve regulatory compliance through e-Discovery and policy-based retention rules.

The Solix Managed Service Team is the second component in the Solix solution. ATD relies on Solix's expertise to maintain their production application database at peak performance while meeting the information access needs and data retention policies of their organization. Solix will help implement an archiving strategy that fits your data lifecycle policy while achieving improved application performance, reduced maintenance and infrastructure costs.

Naveen Tati said that the Managed Service Team from Solix is a key to the success of the archive project. "The team is always available. If we have any issues with the database, or when we need to de-archive data, it is easy to raise a ticket and get the issue resolved quickly. Often we get a callback within 30 minutes." Said Tati

The Project

With help from the Solix team, ATD first implemented archiving in its development environment. Business users signed on and verified that the archived data was present and viewable in the archive according to the users' specific responsibilities as established in Oracle E-Business Suite. Solix extends the Oracle E-Business Suite responsibilities framework so the privileges associated with users' Oracle E-Business Suite logins can be used to access data in the Solix archive. This simplifies security and eliminates the need for users to learn an additional tool.

As each Oracle E-Business Suite module's archive was approved and documented, it was migrated into production.

General ledger, accounts receivable, inventory, and pricing modules were moved over the course of three months, from January to March 2010. Archiving those four modules decreased the size of the Oracle E-Business Suite database by 25 percent. Over the course of the 10-year partnership, the project has adapted to fit ATD needs. In 2014 ATD chose to not renew their Managed Services as a cost saving option. Within the year, ATD, recognizing the value that the archiving experts at Solix provided, renewed their Solix Managed Services.

"By utilizing the Solix Manage Service Team we save time and manpower and it's a more cost-effective way to maintain our archiving schedule. We could not possibly have supported this initiative at a lower cost ourselves." Said Tati.

The Solix Advantage

"Over the ten years working with Solix, our performance has maintained relatively steady, and we have been able to avoid any associated performance issues even while we have greatly expanded our demands on E-Business Suite." Said Tati when asked about the benefits of utilizing Solix. "We have a good team that we work with on the Solix side that understands our archiving project and needs."

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Naveen Tati

*Manager of Oracle Applications
American Tire Distributors*

Solix has been assisting companies like ATD for more than 20 years, to manage their data lifecycle intelligently while providing all the data governance and compliance required by the enterprise. With a single platform for all archived data (structured, unstructured, and semi-structured), Solix CDP is available to be deployed on-prem or in the cloud either in a private cloud or via our SOLIXCloud service hosted on Azure.

Solix experts will work with you to maintain compliance, end-user access and security while saving you costs. ATD had huge cost savings with the ability to move off Oracle's proprietary Exadata platform, thanks to their active archive strategy.

Tati shared, "Two years ago, we were able to migrate off Exadata, saving potentially millions of dollars." and it's not just cost-benefits, with the archive ATD has maintained performance, "Since moving our production database off Exadata, we have been able to maintain performance and even in some cases improve performance."

Solix is dedicated to empowering the data-driven enterprise by delivering top of the line data management solutions with best-practice information lifecycle management, security and compliance, expert support, and cost savings.

About Solix Technologies Inc.

Solix Technologies, Inc., is a leading big data application provider that empowers data-driven enterprises with optimized infrastructure, data security and advanced analytics. Solix Common Data Platform (CDP) provides end-to-end data fabric, data governance, data security, data discovery, and a unified Information Lifecycle Management (ILM) framework for Enterprise Archiving and Enterprise Data Lake applications, deployed on-premises, in the cloud, or both. SOLIXCloud Enterprise Archiving is the world's first archiving as-a-service solution built on the Solix CDP and hosted on Microsoft Azure, enabling enterprises to strengthen their data management processes with cloud-based Application Retirement, Email Archiving, File Archiving, and Database Archiving. Solix is headquartered in Santa Clara, California and operates worldwide through an established network of value added resellers (VARs) and systems integrators. To learn more, please visit <https://www.solix.com/>

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