

AN OFFICIAL PUBLICATION OF THE ORACLE APPLICATIONS USERS GROUP



FALL 2004

INSIGHT

SPECIAL CONFERENCE ISSUE

Improving Maintenance *and* Reducing Patching Downtime *in Release 11i*

- ***Upgrading the Oracle Applications Database and Applications***
- ***Use User Profiles in Oracle Applications Customization***
- ***Setting Up and Using the General Ledger Account Hierarchy Manager***

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Western Gas Resources uses
ARCHIVEjinni
to Manage

Application Data Growth

by Pallavi Vanacharla
Product Marketing Manager
Solix Technologies
pallavi.vanacharla@solix.com

WESTERN GAS RESOURCES, INC., (Western) is a Denver-based independent natural gas explorer, producer, gatherer, processor, transporter and energy marketer, providing a broad range of services to its customers from the wellhead to the sales delivery point. Western's annual revenues were approximately \$2.87 billion in 2003. Western's gas gathering network includes 10,300 miles of pipeline and its gathering, processing and treating facilities are located in major gas-producing basins in the Rocky Mountain, Mid-Continent and West Texas regions of the United States.



The Challenges

Western was using Oracle Application R11.0.3 and planning an upgrade to the Release 11i. Many of the transaction tables had millions of records, a large percentage of which was inactive considering that Western had been actively using the system since October 1993. In addition, due to the foreseen increase in data volume, Western realized that they would be required to significantly upsize their infrastructure. While the infrastructure upgrades provided an opportunity to re-evaluate the platform, the decision to cross migrate from HP/UX to Linux only added to the associated complexities of the upgrade.

Western was looking for a solution that could address these challenges:

- Large volumes of inactive data
- Significant investments in storage infrastructure
- Supported Linux platform

Company: Western Gas (*www.westerngas.com*)
Solution: ARCHIVEjinni
Vendor: Solix Technologies (*www.solix.com*)
Vendor Contact: Ajay Jotwani
 Director, Enterprise Application Solutions
 Solix Technologies, Inc.
 +1 408.328.6452
 Ajay.jotwani@solix.com

The Solution – ARCHIVEjinni™

Solix industry experts worked with Western to establish the ability of ARCHIVEjinni to address all the above challenges, including purging the inactive data (thereby improving application performance) and archiving this inactive data (in a way that allows transparent access to the historical data). ARCHIVEjinni enabled Western to archive data associated with

their Oracle E-Business Suite applications. ARCHIVEjinni also ensured simultaneous access to both production and archived data without having to log out from the application. In addition, the solution made sure that all the detail of historical transaction was available.

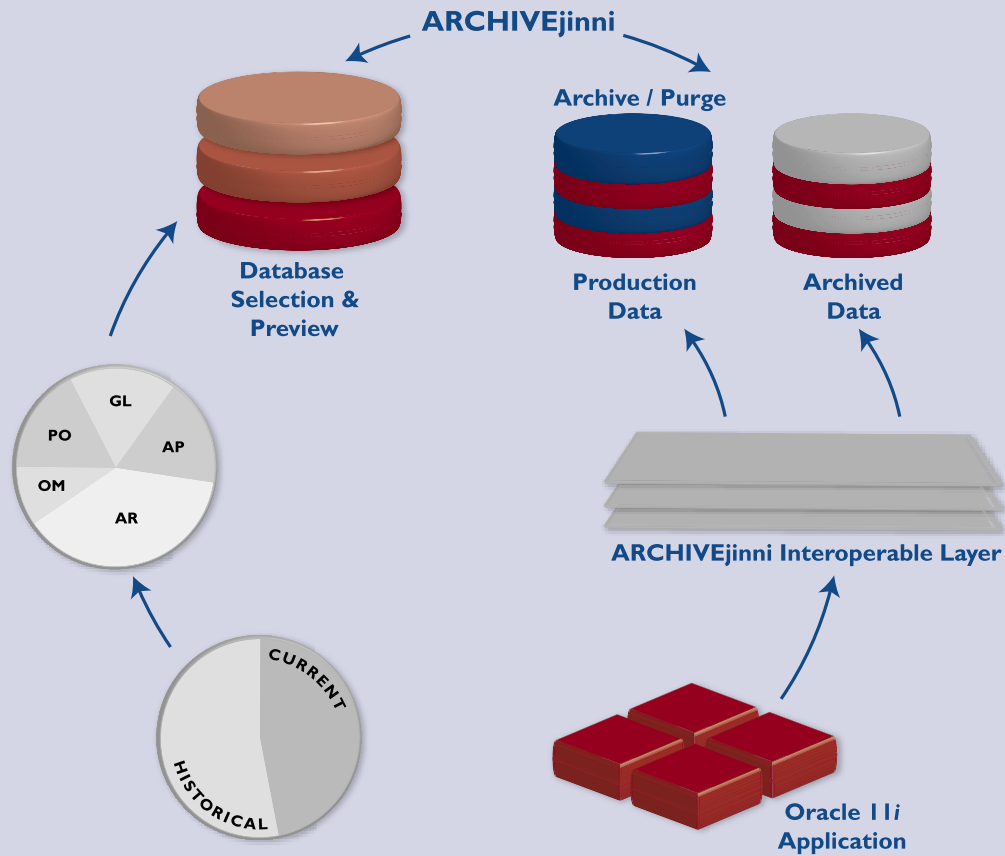
The Features

ARCHIVEjinni is a state-of-the-art enterprise data-management solution that enables

customers to manage their entire data lifecycle by automating the Archive and Purge process. ARCHIVEjinni is built on the Oracle E-Business Suite technology stack and is fully integrated into the Oracle E-Business Suite.

ARCHIVEjinni features include:

- Transparent and simultaneous-real-time access to current-production data and historical-archived data in a single logged-in session.



ARCHIVEjinni Architectural Design

- Dynamic synchronization with parent production instance during updates and patching using patent pending DELTAjinni module.
- Enable setup of enterprise-specific business rules using knowledge-based ARCHIVEjinni Configurator module.
- Archive periodic reports and provide anytime/anywhere browser-based access using ARCHIVEjinni Reports archiving module.

“
Unmanaged data growth is the most dominant factor impacting the application performance and application responsiveness, and directly impacts the user productivity.
 ”

- Archive workflow data using ARCHIVEjinni Workflow module.
- Perform powerful analytics, preview reporting and audits using ARCHIVEjinni analytics layer.
- Automate the archiving process execution using ARCHIVEjinni scheduler.
- Create smaller independent instances (based on flexible data sets parameters such as time period, sets of books, operating units) for development/testing

purposes using ARCHIVEjinni MINIMEjinni module.

“Unmanaged data growth is the most dominant factor impacting the application performance and application responsiveness, and directly impacts the user productivity. ARCHIVEjinni has the capability to isolate the user frustrations associated with deteriorating application performance. It is a program that delivers returns from day one and lasts a lifetime,” says Ajay Jotwani, director, Enterprise Application Solutions, Solix Technologies.

The graphic ARCHIVEjinni Architectural Design on page 46 illustrates ARCHIVEjinni’s capability to drill down and analyze each module. This exercise is carried out to identify the active and inactive data based on the enterprise’s data retention policies. Enterprises can then ensure an optimal data-management strategy by setting module-specific time intervals of purging and archiving data.

ARCHIVEjinni provides business users access to the archived data for analysis, reporting, data mining and business intelligence. Both the production and archived data can be accessed simultaneously



The Benefits

ARCHIVEjinni is a smart automated management of the entire data life cycle and brings substantial benefits to enterprises, including:

- **Improvement in application performance**
- **Tangible cost savings compared to standard storage architectures**
- **Reduced upgrade/maintenance downtime**
- **Freed resources of network capacity, server processing bandwidth and IT time**
- **Data management for statutory compliance with the Sarbanes-Oxley Act**
- **Effective solution for disaster recovery**

by switching the responsibility via the patent-pending ARCHIVEjinni Interoperable layer.

About Solix Technologies, Inc.

Solix Technologies, Inc., is a leading provider of Enterprise Applications Data Management solutions. The products ARCHIVEjinni and UPGRADEjinni help automate enterprise-application archiving and enterprise-application migration

and upgrade. These services assist in the implementation, upgrade and management of enterprise applications. Solix Technologies has helped customers worldwide in all industries to reduce IT cost and increase application performance. Founded in 1995 and headquartered in Sunnyvale, Calif., Solix Technologies is a global leader with offices all over the world. Learn more about Solix at +1.800.GO.SOLIX or www.solix.com. 