Informatica Data Archive

Manage Application Data throughout its Lifecycle

Data volume growth in your business applications is inevitable. But it's also a liability. With far-reaching implications, this growth impacts your ability to meet service level agreements (SLAs) and control your infrastructure and support costs. Every new application that you deploy not only increases the growth of your enterprise data, but also leaves behind one or more legacy applications and related data. Without a comprehensive strategy, the costs associated with managing the data for your applications portfolio and its required infrastructure will burden your IT budget.

Complete Information Lifecycle Management, from Creation to Retirement

Informatica Data Archive alleviates the burden. It puts you in complete control of your enterprise application data by defining performance and retention policies across your portfolio of mission-critical and legacy applications.

With Informatica Data Archive you can:

• Accelerate innovation by minimizing IT resources and budget on inactive data stored in production application environments
• Achieve 6X and higher application performance with existing hardware
• Enforce data compliance by managing the entire lifecycle of data, from creation to end-of-life
• Modernize and consolidate data centers by retiring legacy applications
• Implement archiving best practices across ERP, CRM, data warehouses, cloud and custom applications

As a single data growth management product, Informatica Data Archive enables you to archive structured data from enterprise applications, data warehouses, and big data environments into a tiered infrastructure. And it does so safely, securely, and easily—all while maintaining appropriate levels of business access.

Benefits

• Improve performance for critical business processes by 80 percent or higher with half the resources
• Reduce or eliminate costs of database infrastructure and support associated with aging and legacy data
• Rationalize application portfolios by retiring legacy systems while retaining easy and secure access to data that needs to be retained
• Enforce and document regulatory compliance using data retention policies

Benefits

• Improve performance for critical business processes by 80 percent or higher with half the resources
• Reduce or eliminate costs of database infrastructure and support associated with aging and legacy data
• Rationalize application portfolios by retiring legacy systems while retaining easy and secure access to data that needs to be retained
• Enforce and document regulatory compliance using data retention policies
Key Features

Data Growth Analyzer and ILM Performance Monitor
Managing application data begins by identifying the fastest growing areas in your production databases. High data-growth tables in those databases tell only part of the story. The Data Growth Analyzer in Informatica Data Archive provides business entity definitions for leading ERP and CRM applications, and lets you visually model custom business entities to easily identify high data-growth transactional, master, and reference data.

The ILM Performance Monitor enables you to connect data growth and archiving strategies with system performance issues. Ongoing monitoring of your production databases allows you to proactively manage data growth, spot new data trends, and uncover dormant records for archiving or deletion.

Smart Partitioning and Structured Data Archiving
Using the Smart Partitioning feature in Informatica Data Archive, you can implement a performance optimization strategy within your production databases by segmenting priority data based on its value to the business. With the Structured Data Archiving, you can archive production data to an online query-able archive, also referred to as ‘Live Archiving’.

Informatica Data Vault
Informatica Data Archive can archive infrequently accessed business and legacy data into a secure, highly compressed archive. The Informatica Data Vault serves as centralized, secure vault for any number of your data sources, including production databases, archive databases, and legacy systems. Archive data is converted into an immutable file format and compressed by upwards of 98 percent. Referential and business integrity is retained using common business entity definitions shared across all archiving methods. With integrated Dynamic Data Masking capabilities, security policies can be enforced in the archive.

Either scenario provides full browsing and reporting access to production and archive data using the native application interface and security. In addition, this archiving approach allows you to consistently meet service level agreements (SLAs) and lower infrastructure and support costs through storage tiering and compression, and by reducing the size of production and nonproduction database environments cloned from production.

End to end Information Lifecycle Management with Informatica Data Archive

<table>
<thead>
<tr>
<th>Discover</th>
<th>Archive</th>
<th>Retain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect to data sources</td>
<td>Create application-aware segments</td>
<td>Assign retention policies</td>
</tr>
<tr>
<td>Discover metadata</td>
<td>Archive to Informatica Data Vault</td>
<td>Capture audit logs</td>
</tr>
<tr>
<td>Analyze data growth and performance</td>
<td>Validate data in the archive</td>
<td>Generate compliance reports</td>
</tr>
<tr>
<td>Apply application accelerators</td>
<td>Maintain builtin, secure SQL access</td>
<td>Legal Holds and in-place preservation</td>
</tr>
<tr>
<td>Define data management rules</td>
<td>Store with 95%+ compression</td>
<td>eDiscovery integration</td>
</tr>
</tbody>
</table>

- Data Growth Analyzer
- ILM Performance Monitor
- Data Discovery
- Data Growth Analyzer
- Smart Partitioning
- Data Vault
- Data Validation
- Compliance Manager
- eDiscovery Integration
Flexible Archive Access
The key to any successful archiving implementation is the ability to provide appropriate levels of business access to archived data. Informatica Data Archive provides flexible options for data access at each stage of the archiving cycle. Live Archiving provides secure access to data using the native application interface. It also furnishes a combined reporting capability to run reports seamlessly across current and archived data. The Informatica Data Vault retains the schema structures of the tables so that standard SQL reporting and BI tools can be used to access historical data. Additionally, because the Data Vault has open ODBC/JDBC connectivity, users can use their tool of choice while ensuring that data security policies are enforced.

Data Visualization
Some users need for generated reports that access archived data to look similar to the native application user interface. For these users, Informatica Data Archive includes a Data Visualization feature to recreate legacy application reports. When the context of the application data is unknown, the feature furnishes the ability to search based on keywords and business entities. Keyword search and data visualization are key components of the Data Discovery Portal.

Compliance Manager
The Compliance Manager in Informatica Data Archive manages and documents the lifecycle of your data using retention policies in accordance with your compliance and data governance directives. Integrated archive data validation, retention policies, and legal hold enforcement ensures compliance. Data disposal workflows ensure that data is retained for only as long as necessary to minimize the risk of non-compliance. You can also track all access, retention, purges, and holds on archive data using the audit logs stored in the metadata repository.

eDiscovery Integration
Enterprises can leverage their investments in an eDiscovery solution with Informatica Data Archive to manage both structured and unstructured content from one console. This capability provides connectivity to data archived in Informatica Data Vault for full search, easy legal hold creation and workflow, and in-place preservation.

Support for Enterprise Applications and Databases
Informatica Data Archive supports leading applications and database types to streamline deployments. Accelerators for Oracle E-Business Suite, PeopleSoft Enterprise, SAP, Siebel, JD Edwards, and Amdocs CRM provide best-practices archiving for complex applications across versions. Informatica provides definitions of complex business entities to ensure the integrity of your applications during and after archiving cycles. Informatica Data Archive also supports connectivity to all major database types, including Oracle, SQL Server, DB2, Sybase, Teradata, IMS, VSAM, and Hadoop.
Key Benefits

Improve Performance for Critical Business Processes by 6X or Higher While Optimizing Existing Resources

High growth rates in production applications and databases are a leading cause of performance degradation and declining service levels. With its Smart Partitioning, Informatica Data Archive optimizes how business users access only the data needed for important tasks—dramatically streamlining application performance with existing hardware. These users also benefit from consistency in application response times and job processing to meet required SLAs.

By setting data retention policies and automating archiving processes, the software keeps your production databases leaner, further improving application performance and database manageability. IT staff also benefit from faster backup, recovery, and cloning operations.

Reduce Costs of Infrastructure and Support

Managing all the data in production databases on high-end servers and storage can lead to high costs of infrastructure and maintenance across your application portfolio. Informatica Data Archive not only reduces the size of your database footprint, it also allows you to strategize for tiered storage, compress aging and legacy data, and purge data according to data retention expiry. The software uses retention policies and business entity definitions to automate archiving and safely move data to low-cost infrastructure tiers, all while retaining appropriate level of access to data.

Rationalize Portfolios by Retiring Legacy Applications

With a comprehensive application retirement solution, your organization can archive and retain legacy data while sunsetting the associated hardware, software, and maintenance contracts on applications that no longer add business value. Informatica Data Archive reduces your requirements for specialized application knowledge, eliminates servers, and dramatically shrinks the data footprint required to support your legacy systems. This in turn allows your enterprise to free more budget to invest in existing applications and technology as well as new deployments.

Support Regulatory Compliance and Data Governance Initiatives

Due to the challenges of managing compliance for structured data, most organizations by default hold data indefinitely. Informatica Data Archive frees you from that limitation—and liability—by aligning your applications and databases with regulatory compliance and data governance initiatives. It provides audit logs, purges data, and manages retention policies and legal holds, seamlessly extending your compliance initiatives across both production and legacy applications.

About Informatica

Informatica Corporation (Nasdaq:INFA) is the world’s number one independent provider of data integration software. Organizations around the world rely on Informatica to realize their information potential and drive top business imperatives. Informatica Vibe, the industry’s first and only embeddable virtual data machine (VDM), powers the unique “Map Once. Deploy Anywhere.” capabilities of the Informatica Platform. Worldwide, over 5,000 enterprises depend on Informatica to fully leverage their information assets from devices to mobile to social to big data residing on-premise, in the Cloud and across social networks.