

# Informatica Data Archive

## Benefits

- Improve performance for critical business processes by 80 percent or more with half the resources
- Reduce or eliminate costs associated with aging and legacy data for database infrastructure, maintenance, and support
- Provide secure access options for retained and archived data
- Allows enforcement and document compliance with current privacy regulation and retention policies
- Increase data transfer rates to 160GB per hour with the bulk file uploader, and migrate petabytes from your current archive repository to Informatica Data Vault

## Intelligently Manage Application Data

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), comply with privacy legislation and data governance initiatives, 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 that might be vulnerable to unauthorized access or breaches.

Without a comprehensive strategy, the costs associated with managing the data, infrastructure, security, accessibility, and privacy compliance for your applications portfolio will burden your IT budget. Informatica Data Archive provides an efficient and economical solution to this challenge.

## Application Retirement

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

With Informatica Data Archive you can:

- Remove unused personal data to reduce privacy risk
- Decommission legacy systems to dramatically reduce hardware, software, storage, and maintenance costs by archiving legacy data to a secure and highly-compressed archive
- Modernize and consolidate data centers by retiring legacy applications
- Implement archiving best practices across ERP, CRM, data warehouses, and cloud and custom applications
- Reduce the time to validate data integrity between source and retired data with a simple click, and save the validation after application retirement

## Live Archiving

The Live Archiving feature of Informatica Data Archive puts you in complete control of your application data growth. You can archive live system data—while retaining full access—when database growth negatively impacts query performance and the management of application backup, replication, and hardware requirements. The solution provides secure access to data using the native application interface. Informatica Data Vault retains the schema structures of the tables, so you can use standard SQL reporting and BI tools to access historical data.

With Live Archiving you can:

- Manage business reporting across legacy data sources from a centralized, unified archiving solution
- Achieve six times or higher application performance with existing hardware
- Enforce data compliance by managing the entire lifecycle of data, from creation to end of life
- Define data archiving criteria based on business rules while retaining secure archive access with single-sign-on (SSO) authentication and native application security
- Enforce data-retention policies and compliance with data governance initiatives and government regulations such as GDPR
- Achieve higher application performance by reducing the storage and server footprint requirements for test and development environments
- Leverage prebuilt reports for vendor-packaged applications, or build custom reports to meet access requirements
- Access archived data from a Salesforce user interface with an optional separate license for Informatica Intelligent Cloud Services<sup>SM</sup> (IICS)

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.

## Robust Data Masking and Encryption Support

Maintain structural rules to de-identify values by using masking algorithms such as substitution, FPE, blurring, sequential, randomization, and nullification, plus masking techniques specific to credit card numbers, SSNs, account numbers, and financial data. Substitute production information with realistic prepackaged or user-defined data sets. The software provides a NIST-standard format-preserving encryption (FPE) transformation that supports reversible masking for analytics or privacy needs, such as GDPR (data pseudonymization).

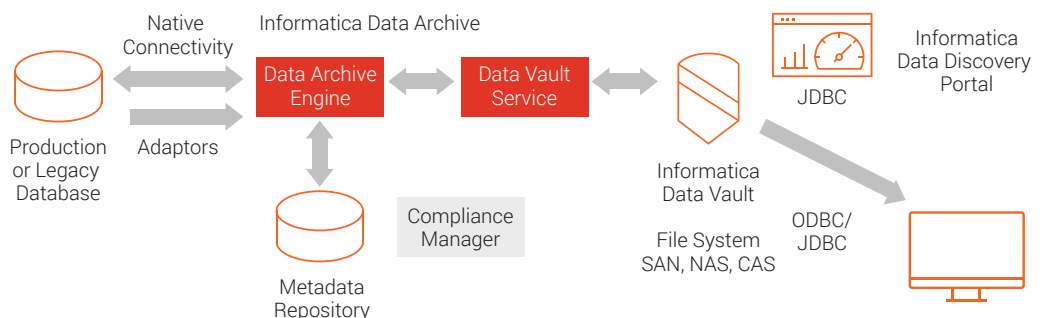


Figure 1: High-level solution architecture of Informatica Data Archive

## Key Features

### **Compliance Manager**

The compliance manager feature in Informatica Data Archive manages and documents the lifecycle of your application data using retention policies in accordance with your privacy compliance and data governance directives. It also helps you manage legal holds, defensible disposition, and compliance reporting (including GDPR) across archive data in Informatica Data Vault.

Informatica Data Archive can archive personal data securely, apply retention policies on archived data, and purge data based on retention policies and right to be forgotten requests for GDPR. Data disposal workflows ensure that data is retained for only as long as necessary to minimize the risk of noncompliance. You can also track all access, retention, purges, and holds on archive data using the audit logs stored in the metadata repository.

### **Data Visualization and Data Discovery**

Informatica Data Archive includes a data visualization feature to recreate reports that look similar to the native application user interface. When the context of the application data is unknown, the feature provides the ability to search based on keywords and business entities and to save your searches for reuse. For enhanced security, you can specify report-level permissions for individual users and access roles to run, copy, and delete data visualization reports, or grant report-level permissions to other users. Keyword search and data visualization are key components of Data Discovery Portal.

### **Informatica Data Vault**

Archive data is pushed to an Informatica Data Vault database, which becomes immutable and is compressed by up to 98 percent. Referential and business integrity is retained using common business entity definitions. With integrated dynamic data-masking capabilities, you can mask sensitive archived data at query time. Additionally, because Data Vault has open ODBC/JDBC connectivity, you can use your tool of choice while ensuring that data security policies are enforced.

### **Configurable Entities and Business Rules**

You can define logical units so it's easy to identify and monitor transactions that are candidates for archiving. Standard, predefined task and event entities ship out of the box, and you can create custom entities that further define logical units of data to archive. For each entity, defined business rules validate the number of records within the policy scope that meet the archive criteria:

- Build interim tables to test the data against business rules in a staging area
- Verify that transactions are ready to archive; then move transactions out of a production instance
- Visually model your custom business entities to easily identify areas with high data growth

### **Support for Enterprise Applications and Databases**

Informatica Data Archive supports leading applications and database types to streamline deployments. 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, Mainframe, CSV, XML, VSAM, and Hadoop.

- Line-of-business managers can access and visualize data quality levels and react faster to any potential problems.

## **Key Benefits**

### **Improvement of Critical Business Processes While Optimizing Existing Resources**

High growth rates in production applications and databases are a leading cause of performance degradation and declining service levels. By setting data retention policies and automating archiving processes, the Live Archiving feature of Informatica Data Archive keeps your production databases leaner, further improving application performance and database manageability. IT staff also benefit from faster backup, recovery, and cloning operations.

### **Live Archiving of Data to Minimize Storage Size**

It is often critical to retain some historical records so that you can easily access them and run reports. Live Archiving with Informatica Data Archive reduces your application data storage footprint, storing the data in an immutable and compressed format and purging data according to data retention expiry—while retaining appropriate levels of access.

### **Privacy Compliance and Data Governance**

Due to the challenges of managing privacy 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 with regulatory compliance and data governance initiatives. Informatica Data Archive provides audit logs, purges data, and manages retention policies and legal holds.

### **SSL Encryption**

Verify self-signed or publicly-trusted certificates with one-way SSL authentication based on the RSA encryption algorithm and TLS 1.2 protocol.

## About Informatica

Digital transformation changes expectations: better service, faster delivery, with less cost. Businesses must transform to stay relevant and data holds the answers.

As the world's leader in Enterprise Cloud Data Management, we're prepared to help you intelligently lead—in any sector, category, or niche. Informatica provides you with the foresight to become more agile, realize new growth opportunities, or create new inventions. With 100% focus on everything data, we offer the versatility needed to succeed.

We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption.

## Integrated Validation

Reduce the time to validate data integrity between source and retired data with a simple click and save the validation after application retirement.

## Access to Archived Data in Salesforce

With a separate Informatica Intelligent Cloud Services license, you can further integrate your ability to read historic Salesforce data. An IICS license provides access to view, search, and run reports on archived data from Informatica Data Vault within the Salesforce user interface.

To learn more, visit the [Informatica Data Archive product page](#).

