

Global Financial Institution: Enterprise Archiving Transformation



Company Profile

A leading global financial services organization, ranking among the top five financial institutions in the United States, faced significant data management challenges across its vast operations. With approximately 200 million customer accounts and business activities spanning more than 140 countries, the organization manages enormous volumes of data across hundreds of applications and systems.

The Enterprise Archiving Challenge

Strategic Imperatives

The financial institution identified several critical business drivers for transforming their enterprise archiving approach:

- ✓ **Regulatory Pressure:** Increasing regulatory scrutiny requiring improved data retention management
- ✓ **Analytics Limitations:** Inability to perform analytics against archived data
- ✓ **Compliance Burden:** Excessive time and effort required to meet audit and compliance requirements
- ✓ **Cost Constraints:** Escalating storage costs across global operations
- ✓ **Access Limitations:** Lack of self-service access capabilities for end users
- ✓ **Service Inconsistency:** Need for standardized Archive-as-a-Service across business units globally
- ✓ **Legacy Technology:** Existing archiving vendor unable to support modern platform requirements

Technical Challenges

The organization's vast technological landscape presented formidable obstacles:

- ✓ **Data Diversity:** Broad variety of financial consumer data spanning structured, semi-structured, and unstructured formats
- ✓ **Legacy Systems:** Hundreds of applications requiring archiving or retirement
- ✓ **Proprietary Limitations:** Difficulty working with existing proprietary archiving solutions
- ✓ **Regional Requirements:** Need to manage global data on a regional basis for compliance
- ✓ **Format Complexity:** Diverse data formats including mainframe data
- ✓ **Scale Considerations:** Massive volume of records requiring preservation

Solution: Enterprise Archiving Platform Transformation

After thorough evaluation, the financial institution selected Solix Common Data Platform for Enterprise Archiving as their strategic solution.

Solution Architecture

The comprehensive implementation included:

- ✓ **Core Platform:** Solix Common Data Platform for Enterprise Archiving
- ✓ **Use Cases:** Active Archiving and Application Retirement
- ✓ **Infrastructure:** Multiple regional Hadoop clusters
- ✓ **Data Types:** Unified platform for structured and unstructured data
- ✓ **Service Model:** Enterprise Archive-as-a-Service
- ✓ **Legacy Integration:** Conversion of existing IBM Optim archives



Implementation Approach

The organization adopted a methodical approach to this massive transformation:

- ✓ **Assessment and Prioritization:**
 - Inventory of applications requiring archiving or retirement
 - Classification by business criticality and compliance requirements
 - Establishment of migration sequence
- ✓ **Regional Infrastructure Deployment:**
 - Implementation of distributed Hadoop clusters
 - Configuration of regional data boundaries
 - Establishment of governance frameworks
- ✓ **Phased Migration:**
 - Systematic migration of applications to the new platform
 - Conversion of existing Optim archives
 - Progressive training and enablement of business units

Implementation Scale

The implementation represented one of the largest enterprise archiving initiatives in the financial sector:

- ✓ Active Archiving Use Cases: **100+**
- ✓ Files Archived: **72+ million**
- ✓ Optim Archives Converted: **2,800+**
- ✓ Applications: **Hundreds retired and actively archived**



Business Outcomes

The Solix CDP implementation delivered transformative benefits across multiple dimensions:

Operational Improvements

- ✓ **Standardized Platform:** Single solution for all enterprise archiving needs
- ✓ **Enhanced Compliance:** Significantly reduced time to satisfy audit and compliance requests
- ✓ **Self-Service Access:** Empowered end users with direct data access capabilities
- ✓ **Regional Compliance:** Successfully managed global data with regional boundaries
- ✓ **Cost Optimization:** Reduced storage and legacy application support costs

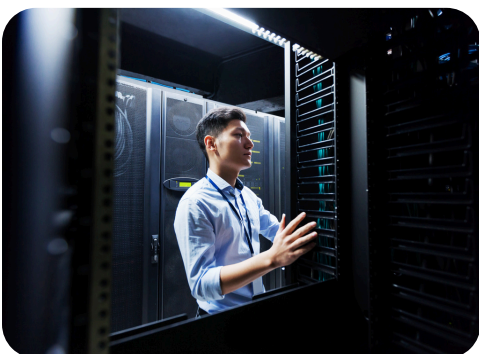
Strategic Advantages

- ✓ **Analytics Enablement:** Unlocked analytical capabilities against archived data
- ✓ **Service Transformation:** Established Archive-as-a-Service across global business units
- ✓ **Legacy Modernization:** Retired hundreds of applications while preserving data access
- ✓ **Technology Consolidation:** Replaced multiple proprietary solutions with unified platform
- ✓ **Scalability:** Created foundation for ongoing data growth management

Technical Innovation Highlights

The solution incorporated several innovative technical approaches:

- ✓ **Legacy Integration**
 - Developed specialized processes for converting IBM Optim archives
 - Created migration tools for proprietary format extraction
 - Implemented validation procedures to ensure data integrity
- ✓ **Regional Data Management**
 - Configured distributed Hadoop infrastructure across geographic regions
 - Implemented data localization rules for compliance
 - Created unified management layer across distributed clusters
- ✓ **User Experience Transformation**
 - Designed intuitive self-service interfaces
 - Implemented role-based access controls
 - Developed streamlined workflows for compliance teams



Future Roadmap

Building on this successful transformation, the financial institution has established a comprehensive roadmap for further evolution:

- ✓ Advanced analytics implementation across archived data
- ✓ Machine learning for compliance pattern recognition
- ✓ Further expansion of self-service capabilities
- ✓ Enhanced metadata management and discovery
- ✓ Additional legacy system retirement



Final Thoughts

Through strategic partnership with Solix Technologies, this global banking and finance leader transformed their approach to enterprise archiving, addressing critical business challenges while creating a foundation for future innovation. The successful implementation demonstrates how financial institutions can modernize their data management approach while enhancing compliance capabilities and reducing operational costs.

This initiative represents one of the largest and most successful enterprise archiving transformations in the financial services sector, encompassing hundreds of applications, millions of records, and thousands of legacy archives across global operations.

Solix Technologies provides enterprise data management solutions that enable organizations to achieve regulatory compliance, enhance data accessibility, and optimize operational efficiency.