

HIGH VOLUME PRINT STREAM ARCHIVING AND PRESENTMENT SOLUTIONS FOR RETAIL AND INVESTMENT BANKS



OVERVIEW

Crawford Technologies offers a statement digitization and e-presentment solution designed for corporate, retail banking and investment firms based on CCM Gateway for Alfresco. The solution captures the outbound, high-volume statements and letters produced by core banking systems, indexes and converts documents into industry standard formats like PDF/A and stores them efficiently in the Alfresco Content Services platform, thus helping banks comply with tax and industry regulations such as GDPR and other global regulations.

Individual documents are delivered to consumers through web portals and mobile applications as either PDF or HTML5. CCM Archiver for Alfresco also supports Accessible PDF and Accessible HTML to ensure equal access to bank correspondence for the blind and partially sighted.

Business Challenge

Each day banks produce billions of customer communications such as statements, letters, quotations, reports, security notifications, reminders, checks, remittance advices and statutory letters. These documents, generated by core banking systems, are essential to managing day-to-day business with corporate and retail customers alike.

Over 80% of bank communications are still printed and posted, costing hundreds of billions of dollars each year. However, a growing demand for digital formats on mobile devices and via the web provides opportunities for both cost savings and improved customer service.

Existing systems for managing outbound bank communications are often based on legacy mainframe technology that are over 30 years old. These systems were designed for a small number of internal bank users and are expensive to scale for access by millions of consumers.

Added to this challenge, legacy archiving and e-presentment systems are complex, expensive to maintain and rely on legacy print formats, such as AFP or text, for archiving. However consumers today need access to correspondence via modern web friendly technologies like HTML5 and PDF.

Bank communications are strictly regulated by financial authorities around the world. Not only are they required for tax compliance, but these documents often define the contract

Solution Benefits

By adopting Crawford Technologies Statement Digitization and e-Presentment Solutions for Alfresco, banks can:

- Save on average 60 to 80 cents per transaction on the cost of print and posting by changing to digital correspondence and e-presentment
- Reduce call center volumes and improve customer services by expanding access to bank correspondence via the web and mobile devices
- Achieve compliance with industry regulations and tax compliance regulation (such as GDPR) with automated records management
- Deliver consistent services for the partially sighted and ensuring compliance with Section 508, AMA, AODA, the UK and EU Equality Acts
- Replace complex, mainframe systems with modern, next generation digital archives to significantly reduce IT costs

between the bank and the customer. Regulations such as GDPR require increasing flexibility in the way such communications are managed over time that existing systems are unable to support.

With an aging population it is now estimated that over 2% of the population requires access to correspondence in alternate formats such as large text or braille. Delivery of alternate formats is patchy at best, and increasing enforcement of regulations like the Americans with Disability Act (ADA) mean that systems for producing alternate formats must be improved if banks are to avoid large fines.

Solution

Enterprise Archiving with Alfresco

Alfresco's Digital Business Platform is designed for the most demanding needs of the financial market, and can readily scale to the volumes commonplace in this industry. The advantage of managing both inbound and outbound correspondence in the same place is that an enterprise archive can provide a 360 degree view of customer activity to both administrative teams and to the consumer through self-service portals.

Universal Print Stream Archiving

Banks and their print service providers must support a wide range of applications, document types, and print formats in their customer communications workflow. CrawfordTech offers universal print stream archiving across banking business applications, print formats and document types. We support the widest range of source document formats, including AFP, Metacode, legacy formats, PDF, and more, and can archive in the native formats or in industry standard PDF/A. When integrated with the Alfresco platform, the combined solution ensures that the administrative process of managing communications such as statements, letters, quotations, reports, security notifications, reminders, checks, remittance advices, and statutory letters can be simplified, reducing the burden on call centers, and helping to improve customer satisfaction.

Banking Workflow Automation

Crawford Technologies and Alfresco understand the complex needs of document workflow within the end-to-end banking process. Our solutions and expertise have helped many customers leverage inbound and output correspondence to ensure that business processes operate efficiently and at scale. We can help optimize document-centric processes and reduce costs while ensuring these processes integrate closely with core business systems.

Integrations with Business Systems

The enterprise applications used in the banking industry to generate customer communications have grown over time to support the varying needs within this market, and often leverage document composition tools to generate printed output. CrawfordTech can integrate seamlessly with the output of these systems and help manage the complex print and archiving workflows that will enable automation and improve efficiency.

Some quick technical facts:

Target Archives

- Alfresco 4.5, 5.0
- Alfresco UI compatibility with Share
- Alfresco API compatibility with CMIS
- Alfresco Storage compatibility with CIFS, NFS and Amazon S3

Operating Environment

- Microsoft Windows Server 2008 R2 x64 & 2012 x64
- Red Hat Enterprise Server 6.x x86, 6.x x64, 7.0 x64
- SUSE LES 11 x86 & x64
- Microsoft SQL Server 2008 R2
- Oracle 10g Release 2, 11g Release 1 and 12g
- AIX 7.1 PowerPC

Formats

- Advanced Feature Presentation (AFP)
- MO:DCA
- PDF v1.4+
- PDF Universal Accessibility (UA)
- PDF/A
- Line data – ASCII, EBCDIC, Fortran control codes
- Image data – TIFF, JPEG

Source Archive for Migrations

- ASG Mobius
- Control-D



Customer Portals and Online Presentment

Online portals help enrich the customer experience through access to their bank statements and correspondence, giving customers the ability to view their own records while reducing the burden on administrative staff. Alfresco and CrawfordTech's solution provides all the granularity of document level access while optimizing high-volume performance, resulting in portals designed to service thousands of requests per minute.

Consolidating and Migrating Legacy Archives

Many banks have, over time, accumulated a legacy of multiple archive silos that service different areas of business. Alfresco and CrawfordTech have the technical platform and professional expertise to help migrate documents from legacy archives such as Datawatch RMOD, Control-D or Mobius onto modern platforms, maintaining and improving access to historical information.

Accessible Documents

Bankers and financial institutions need to ensure that communications comply with local regulations regarding document accessibility like the Americans with Disabilities Act (ADA) in the US. CrawfordTech's accessible document solutions allow customer communications to be converted into traditional accessible formats like braille, large print and audio as well as in new digital formats like accessible PDF and HTML5. Ensuring that every document is an accessible document is the goal of our accessible document solutions integrated with Alfresco.

Consulting, Training and Support

Crawford Technologies Professional Services are recognized for their in-depth financial industry knowledge and unequalled expertise in electronic document processing systems and applications. We provide a unique combination of knowledgeable IT professionals, industry-leading technology and proven processes, and know what it takes to design and implement archival systems for optimal performance.

Conclusion

Crawford Technologies has a long track record of developing robust customer communications solutions that streamline print operations and archiving.

Financial institutions are seeking new ways of addressing the challenges of customer communication archiving. In partnership with Alfresco, CrawfordTech offers market leading customer communication archiving solutions, resulting in improved compliance, reductions in print and postal costs, enhanced customer satisfaction, and increased efficiency of business and administrative processes.

CrawfordTech Solutions

Crawford Technologies develops software and solutions to help enterprises optimize and improve the secure and accessible delivery, storage and presentment of their customer communications.

With over 1,800 customers on six continents, CrawfordTech solutions and know-how enable the largest banks, insurers, healthcare providers, utilities and print services companies to use their existing technologies, documents and data in new ways. We help them navigate the challenges in leveraging legacy applications in the platforms and applications of the future.

CrawfordTech's products, services and domain expertise reside at the nexus of content, data, and output management and are essential components of our customers' digital transformation, output management and document accessibility strategies.