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DATA INTEGRATION TO SIMPLIFY, IMPROVE AGILITY AND SCALABILITY, AND MEET SECURITY STANDARDS IN THE FINANCIAL SECTOR.
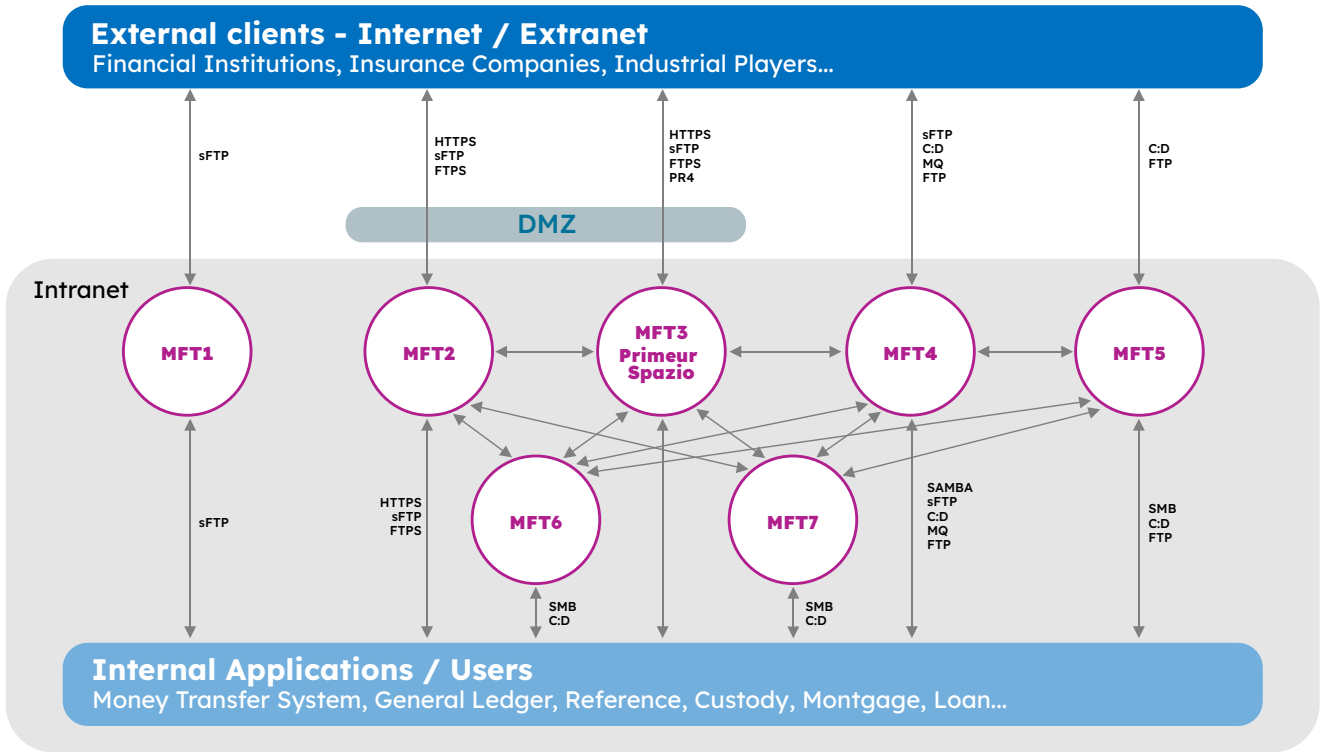
Our customer, a leading provider of financial services, was managing their data exchange with internal and external counterparts through a very complex infrastructure, made of 7 MFT tools from different vendors along with many custom app-to-app integrations. This scenario had become very expensive to maintain and was unable to provide the company with the required level of speed, security and visibility.

By replacing the 7 MFT tools with a centralized data integration platform, the financial institution was able to cut operational and maintenance costs while improving visibility on dataflows, with great benefits in terms of governance and security.
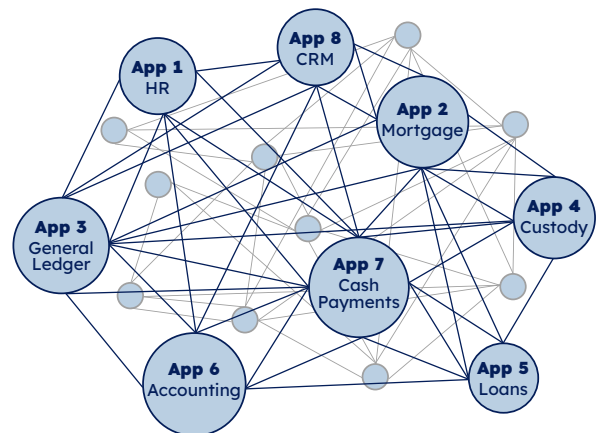
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THE SCENARIO

To keep their business operations running, every day **our customer exchanges data with thousands of external clients** – such as other financial institutions, insurance companies, industrial players – and **internal applications** – such as money transfer systems, general ledger, reference, custody, mortgage and loan.

The bank had **7 different MFT solutions** in place (including Primeur Spazio) to manage the data exchange amongst applications.

External clients - Internet / Extranet
Financial Institutions, Insurance Companies, Industrial Players...

| sFTP | HTTPS sFTP FTPS | HTTPS sFTP FTPS PR4 | sFTP C:D MQ FTP | C:D FTP |

DMZ

Intranet

MFT1 MFT2 MFT3 Primeur Spazio MFT4 MFT5

MFT6 MFT7

| sFTP | HTTPS sFTP FTPS | SMB C:D | SMB C:D | SAMBA sFTP C:D MQ FTP | SMB C:D FTP |

Internal Applications / Users
Money Transfer System, General Ledger, Reference, Custody, Montgage, Loan...

Moreover, their internal applications had been integrated throughout the years with an **app-to-app integration approach**, leading to an **intricated network of dataflows** that were left unmanaged.

App 1 HR
App 8 CRM
App 2 Mortgage
App 3 General Ledger
App 4 Custody
App 7 Cash Payments
App 6 Accounting
App 5 Loans

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CHALLENGES

This scenario was becoming increasingly challenging for the bank, due to several aspects.

LACK OF VISIBILITY

- ⊗ **No visibility across the MFT space**, as each product had their individual monitoring solution
- ⊗ **Impossible** for both technical and business users to an get **end-to-end view of dataflows**

UNPREDICTABLE COSTS

- ⊗ **Expensive** support and maintenance
- ⊗ **Lack of sufficient staff** in their IT department to manage all products and requests in a timely manner
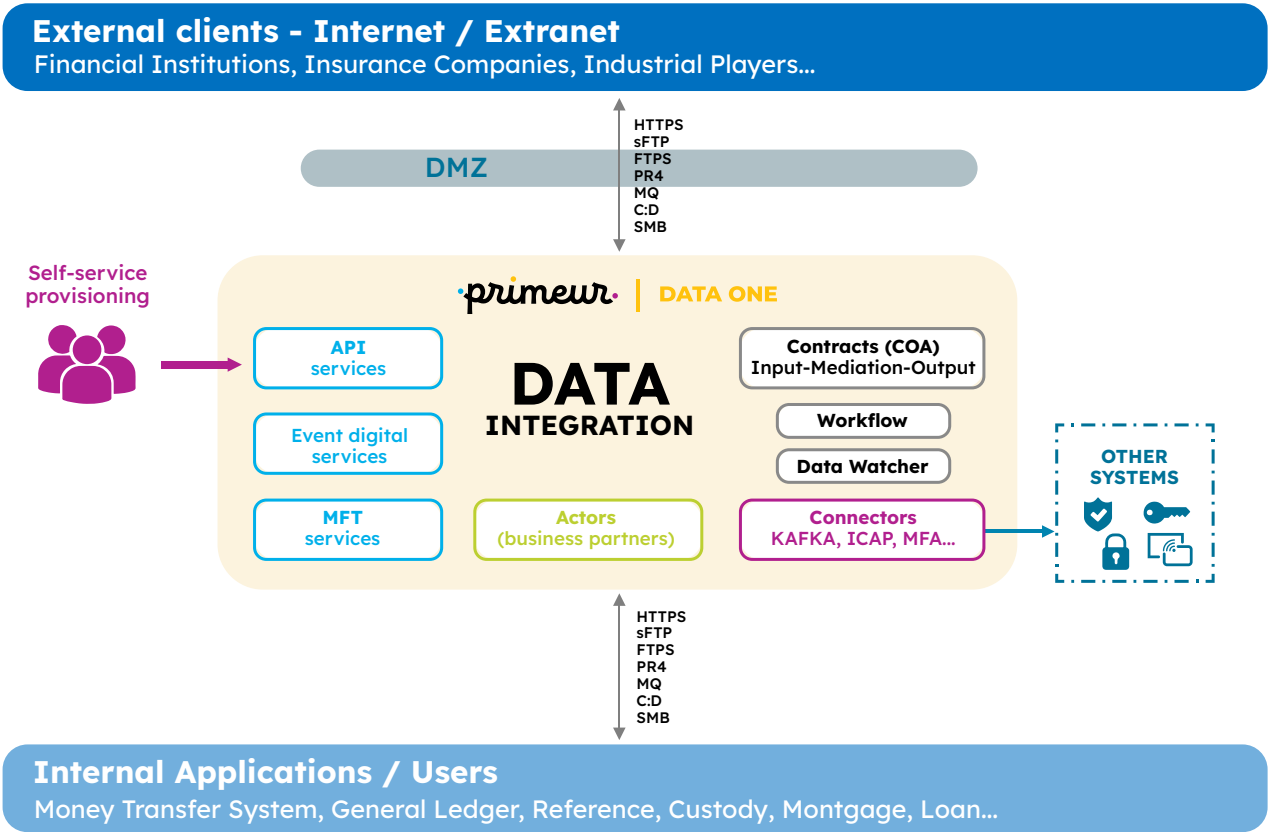- ⊗ **Increasing license costs**, according to each vendors' renewal policies

HIGH COMPLEXITY & SECURITY CONCERNS

- ⊗ Many **unmanaged** app-to-app integrations
- ⊗ **Complicated data flows** with many inbound/outbound requirements
- ⊗ Many **customizations** on each tool: **long lead time to upgrade** along with difficulty in staying current with Security Policy
- ⊗ Difficult maintenance of **security vulnerability patches** across all products/servers
- ⊗ **Cyber Security Policy** was pushing for a centralized solution
- ⊗ **Inability to scale** and support the bank in exchanging up to **1 Million files/day**

THE SOLUTION

Our customer launched an internal program to modernize their infrastructure by replacing the 7 MFT tools with Primeur's Data Integration platform. With this project, the company's Integration Team aimed to:

- ✓ Increase the **business efficiency**, being able to to deliver data in the right place, at the right time
- ✓ Improve **agility and flexibility**
- ✓ Integrate and monitor **third-party technology** (eg. IBM Connect Direct)
- ✓ Support multi-cloud, on premise and hybrid integration scenarios through **distributed architecture**

External clients - Internet / Extranet
Financial Institutions, Insurance Companies, Industrial Players...

DMZ

HTTPS
sFTP
FTPS
PR4
MQ
C:D
SMB

Self-service provisioning

primeur | DATA ONE

DATA INTEGRATION

API services

Event digital services

MFT services

Actors (business partners)

Contracts (COA) Input-Mediation-Output

Workflow

Data Watcher

Connectors KAFKA, ICAP, MFA...

OTHER SYSTEMS

HTTPS
sFTP
FTPS
PR4
MQ
C:D
SMB

Internal Applications / Users
Money Transfer System, General Ledger, Reference, Custody, Montgage, Loan...

With a centralized data integration platform, the bank simplified the integration scenario as the external/internal applications are now dialoguing only with one counterpart, Data One, taking care of collecting and delivering data as needed.

The data integration platform manages all connection protocols (https, sFTP, FTPs, PR4, MQ, C:D, SMB), granting the **highest security** when dealing with external counterparts through the use of DMZ.

Self-service provisioning is available for Business Departments thanks to API services, improving the efficiency and **accelerating the time-to-market**.

Custom connectors (eg. KAFKA, ICAP, MFA) enable the **integration with other critical systems** in place, such as antivirus and data loss protection.

Primeur Data Watcher, a Data One component for integrated monitoring and reporting, provides both technical and business users with **end-to-end visibility on dataflows**.

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THE PROJECT SUCCESS FACTORS

The use of Primeur's COA (Contract Oriented Architecture) to design dataflows:
- Fast configuration of dataflows
- Reusable workflows (input – mediation – output)
- Faster time-to-market for the bank's customers

Close collaboration along the journey between the bank and Primeur's team (Customer Support and Customer Success, R&D team, CTO, CEO and other senior managers)

Insourcing of knowledge, in particular platform engineering capabilities, to ensure our customer's independency in the platform management

Solid relationship with Primeur, stemming from the bank's past experience with Primeur Spazio, a solid product based on 30+ years of FT experience, and trust in Primeur's know-how on data integration

KEY HIGHLIGHTS

- A more **flexible** and **cost effective** infrastructure for data integration

- **Faster onboarding**: 1.000+ business partners around the world onboarded in 6 months

- **Self-service provisioning** for business departments

- **Dataflow deployment** via API

- **99.9%** availability

- **Co-innovation** with Primeur R&D, to develop specific requirements quickly (eg. Kafka connector to feed the central control room, ICAP support for Data Loss Protection and Antivirus integration, Multi Factor Authentication)

- **Cloud multi-region** adoption: the same model replicated in US, APAC and EMEA, enabling the bank to run close to their customers

ABOUT THE CUSTOMER

One of the world's leading providers of financial services, with over 30,000 employees in more than 100 markets and managed assets for trillions of dollars.

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We are Primeur, a smart Data Integration company who's been serving the world's largest organizations for over 35 years.

We support our customers' business processes, helping them simplify their data management while preserving their investments through a pure data integration approach.

Our mission is to make Data Integration simple, accessible and sustainable over time, reducing the complexity of companies' information systems and enabling them to evolve and scale.

For more information: **www.primeur.com**

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