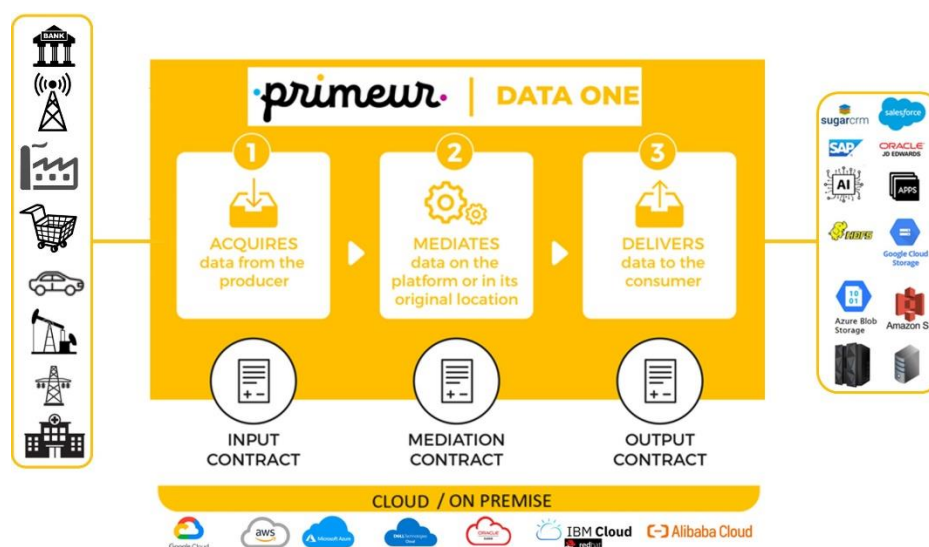# PRIMEUR DATA ONE®

SOLUTION OVERVIEW

What is PRIMEUR DATA ONE®?

PRIMEUR DATA ONE® is Primeur's Hybrid Data Integration Platform. Modular, scalable and capable of connecting third-party tools, it has been designed to simplify and accelerate all Data Integration processes while keeping integration dataflows always under control. PRIMEUR DATA ONE® manages various integration technologies from a single central point preserving existing IT systems, know-how and investments, optimizing efficiency and productivity.

Based on more than 30 years expertise of integrating data for Fortune 500 companies worldwide, PRIMEUR DATA ONE® relies on the Contract Oriented Architecture® (COA®), a methodology totally developed and owned by Primeur.

The Contract Oriented Architecture® - Our methodology

The COA® represents a revolution for the Data Integration world, introducing a neat and powerful concept to govern any integration need: the Contract.

PRIMEUR DATA ONE® uses the COA® to organise all integration processes into three main steps (data input, mediation and data output) and a Contract to define the rules, policies and constraints for each step.

Thanks to this methodology, PRIMEUR DATA ONE® allows users to easily model, plan, manage and control any Data Integration process end-to-end. Furthermore, it fosters cooperation between Business and Technical teams allowing them to share a clear vision of integration requirements and to configure dataflows in a standard and consistent way.

The use of the Contract Oriented Architecture simplifies the integration design, breaking down complex flows in smaller activities, promoting reusability and separation of duties and minimising the risk of errors and time-consuming operations.
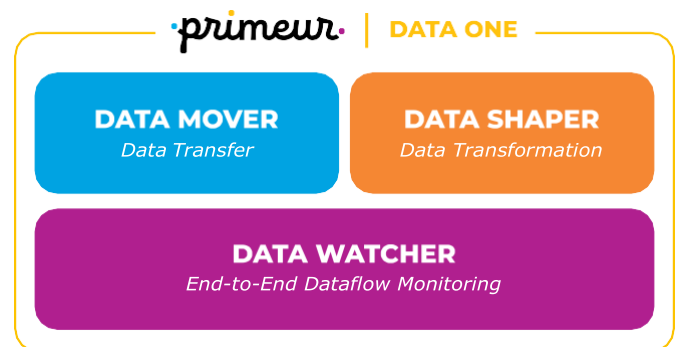
As a result, it ensures maximum reusability of configuration modules, pre-configured process templates, speeding-up integration processes, maximising efficiency and facilitating operational maintenance.

How is PRIMEUR DATA ONE® composed?

PRIMEUR DATA ONE® is composed of three modules delivering an extremely friendly and intuitive user experience. Organisations can activate just the components they need to address their specific use cases and tailor the platform according to their operational needs, growing only when their integration requirements evolve.

Each module can be deployed as a PRIMEUR DATA ONE® component or as a lean, standalone solution able to solve specific integration needs.

Our Data Integration offering is completed by Primeur Data Privacy, an additional solution specifically designed to address Data Privacy Law readiness and compliance.

·primeur· | **DATA ONE**

DATA MOVER
Data Transfer

DATA SHAPER
Data Transformation

DATA WATCHER
End-to-End Dataflow Monitoring

·primeur· | **DATA PRIVACY**

DATA PRIVACY
GDPR Readiness

·primeur· | DATA MOVER

PRIMEUR DATA MOVER® is our multi-protocol, multi-platform, managed and secure file transfer enterprise solution. It is able to create fluid and secure communication flows between different applications.

PRIMEUR DATA MOVER® manages synchronous and asynchronous file transfer, never creating direct connections between data producers and data consumers. Information is shared without modifying the applications that produce or consume data, thus keeping the applications involved in the process totally independent.

This process allows additions, changes modifications to the IT and application framework with a simplicity and efficiency never experienced before.

Managing input, output, store-and-forward and internal file transfers is now possible with a secure and flexible tool.

PRIMEUR DATA MOVER® exploits the power of the Contract Oriented Architecture® to regulate each step of an integration process and produces Contracts to clearly define the entities, events and actions involved.
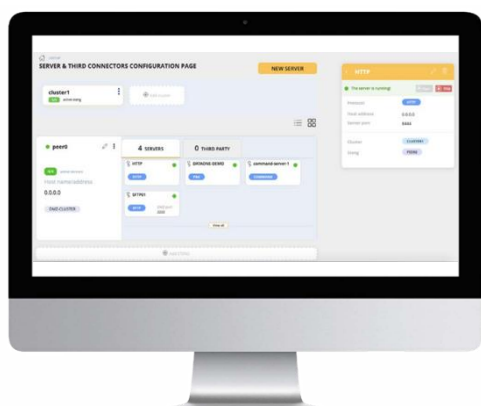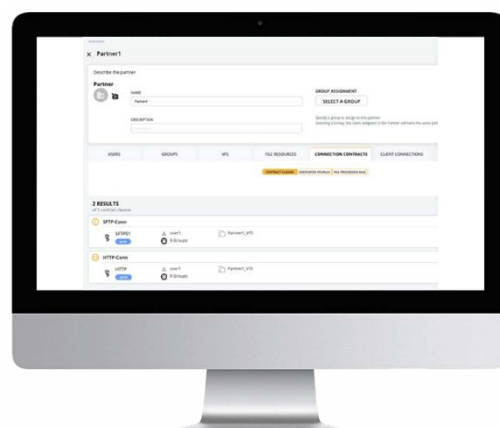
PRIMEUR DATA MOVER® allows total control, savings and operational advantages, such as:

1. Easily change each phase without impacting Data Producers or Consumers.

2. Reuse contracts, workflows and data in other different integration needs.

3. Know in advance how data moves; anticipate and isolate operational problems.

Key features

Fast and collaborative partner on-boarding

Accelerate the integration process with a time reduction of up to 50%, due to easy and fast collaborative provisioning of all the features and information required to realise the requested dataflows.
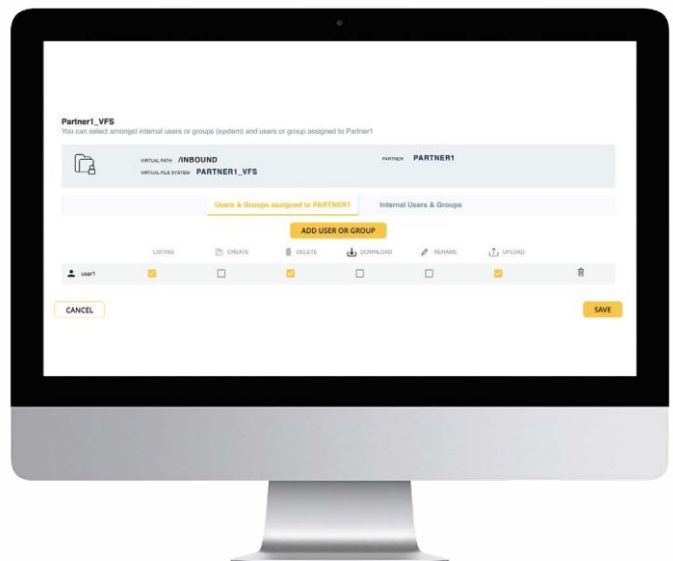

Horizontal scalability and performance

DATA MOVER® architecture supports deployments that meet both high availability (clustering) and performance requirements, enabling horizontal scalability.

Improved IT-Business alignment

The use of the COA® combined with the DATA MOVER® event-driven model, provides a clear and intuitive high-level representation of MFT flows. This representation helps business users to define operational requirements and IT users to align with those requirements.

Highest security standards

DATA MOVER® bases its security services on PRIMEUR DATA ONE® technology guaranteeing the highest level of security during authentication, transport, data-at-rest and networking (DMZ Gateway).
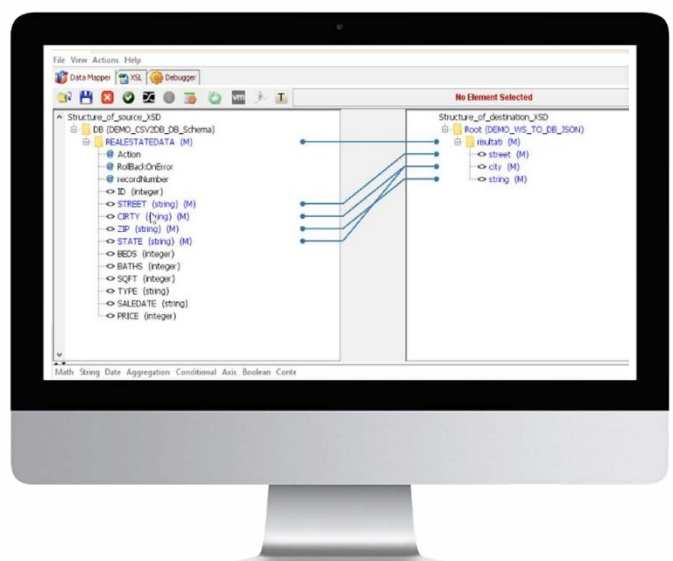
·primeur· | DATA SHAPER

PRIMEUR DATA SHAPER® is our Data Transformation solution providing quick and flexible any-to-any data transformations. It is designed to work seamlessly with PRIMEUR DATA MOVER® complementing and increasing its capabilities.

PRIMEUR DATA SHAPER is a graphical, wizard-driven and easy-to-use software that supports any-to-any transformation for all data formats - flat files, CSV, XML, Excel, Database, EDI, industry formats (HIPAA), etc.

It also supports file splitting, transformation, routing, aggregation and enrichment to support varying business needs.

·primeur· | DATA WATCHER

PRIMEUR DATA WATCHER® is our end-to-end dataflow monitoring and control solution. It provides visibility and full-control of dataflows, from source to destination, including transformation.
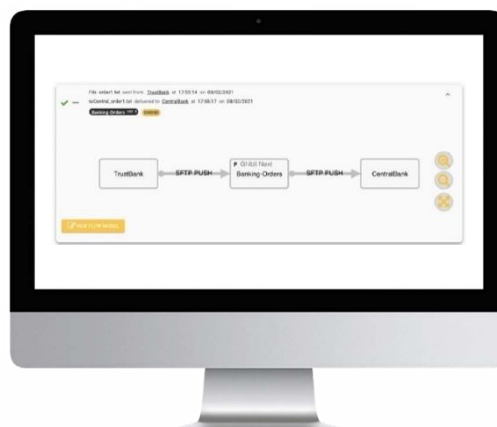

With PRIMEUR DATA WATCHER® the entire E2E process is shown in real-time due to its dynamic construction of dataflows and its intuitive visualisation. Each dataflow is assigned to a Flow Model, enforcing compliance with company policies and business requirements while allowing early identification of issues needed to take appropriate actions.

Key features

Dataflow Discovery

PRIMEUR DATA WATCHER® embeds a fast, intelligent and always-on process for continuous dataflow discovery and mapping. Dataflows are graphically represented with different perspectives, suitable both for Business and Technical users.
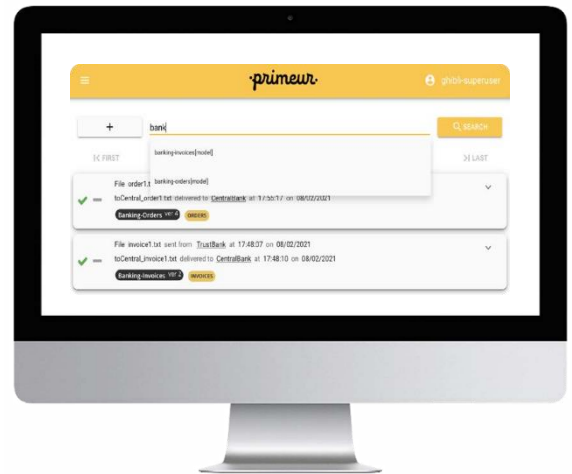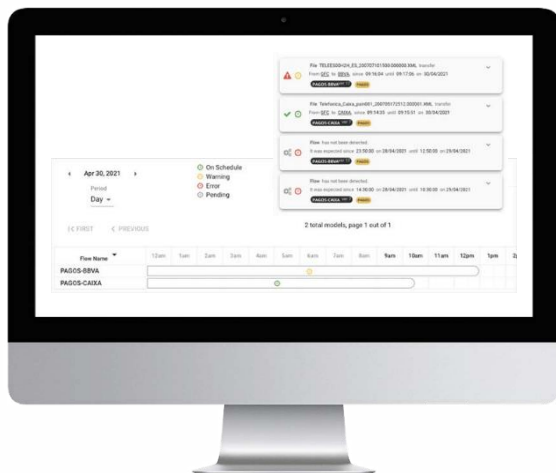

Dataflow Modeling

PRIMEUR DATA WATCHER® allows users to define and configure expected flows by creating Flow Models that describe the acceptable behaviour of the specific dataflow. The rules can also include business metadata and SLA compliance to better control business impact and consequence.

Dataflow Classification and Inquiry

PRIMEUR DATA WATCHER® allows dataflow classification, creating custom attributes that can be defined on-the-fly and assigned to Flow Models in the form of business tags. This gives the ability to classify dataflows in a searchable catalogue that can be queried and browsed by both Technical and Business users.

Dataflow Governance

PRIMEUR DATA WATCHER® provides accurate controls to ensure that dataflows are correctly executed and delivered on time. This means always knowing if applications are fed with accurate data, at the right time, therefore allowing appropriate business decisions to be made swiftly.

Key Business Benefits

- **Rapid integration configuration:** Fast partner onboarding process and reusability of configurations and components.

- **Secure multiprotocol Data Transfer "out of the box":** Including PeSIT and IBM Connect:Direct.

- **Multiple deployment options**: Various OSs, on-Premise and Cloud deployments.

- **z/OS Mainframe support**: Many years of experience.

- **Powerful, flexible Workflow Designer:** Provides ability to handle any use cases / integration scenarios, guaranteeing optimum performance and management simplicity.

- **Harmonisation of existing integration tools:** Protects existing IT investments & "know-how".

- **Quick/seamless update of integration flows:** Minimal impact on evolving business requirements and IT/application environments.

- **Quick isolation of operational problems**: Due to the Contract Oriented Architecture and Data Watcher, anticipate or quickly identify, at each specific step, where an issue took place or is likely to happen.

- **Compliance with Policies & Regulations and multi-SLA management:** By setting deadline "Cut-Offs", know in advance when a flow is at risk of not completing successfully/on-time. Notification and analysis of potential issues beforehand, for every step of the dataflow provide "near Real-Time" visibility on end-to-end dataflows.

- **Dataflow Catalog Query/Browser Engine:** "User-friendly" for both business and technical users.

- **Comprehensive REST API framework.**

- **"Beyond MFT"**: Data One provides sophisticated data transformation capabilities.

- **Simple and clear Licensing.** No hidden costs

Use cases

THE CUSTOMER
European Bank with massive critical data exchanges with other International, National and Central Banks

CHALLENGE
Modernisation and replacement of legacy MFT platform.

Agility to support new business cases for new departments.

Crucial performance improvement (5K+ business partners, 100K+ files/day).

SOLUTION
Primeur Data Integration platform deployed in distributed mode between z-OS (IBM), intranet (Internal Applications) and internet (External Applications).

Integration with Bank applications to guarantee the required level of data security

Data exchange (mortgages, loans, credit, guarantees etc.) among Financial entities and applications using different protocols and web services (REST, SOAP).

BENEFITS
● Governance and End to End visibility ● 30% performance increase

banking & finance

THE CUSTOMER
One of the largest, most prestigious retail companies in Latin America, more than **1,045 stores** in Argentina, Brazil, Chile, Peru and Colombia.

CHALLENGE
Needed to achieve **SOX compliance.** Security, traceability and guaranteed delivery were critical.

Faced complex integration scenarios due to business growth in different countries.

SOLUTION
Distributed **Data Integration** architecture between stores and HQ using secure protocols.

Data Transfer (**price list**, **sales**, **catalogues** etc.) supporting critical business processes.

No impact on critical applications (SAP, BI, POS etc.).

BENEFITS
Improved business integration, reliability, agility, visibility/control and increased responsiveness to market shifts.

● 30% penalties reduction   ● 20% customer loyalty increase

retail

THE CUSTOMER
One of the largest telecommunications companies in the world in terms of market capitalization and number of customers.

CHALLENGE
Build a **financial hub platform** to reduce **costs** and improve **performance** of **payment** order process between departments and group's companies, using multiple standards and applications.

SOLUTION
Primeur data integration platform between Financial entities and applications using secure protocols and web services (REST, SOAP) and data transformation using different standards and formats. (PAIN001 V3, PAIN001 V2, XML Midas, Norma19, ZBSEG)

BENEFITS
• Bank accounts and transactions number reduction.
• **40%** reduction in bank transaction fees.
• Improved Business Governance, Visibility and Notification.

telco

THE CUSTOMER
One of the world's leading automakers with more than 15 brands and plants in 29 countries located in Europe, America, Africa and Asia.

CHALLENGE
Move from reactive to preventive capacity management providing supply chain management and plants early shortage alarms.

SOLUTION
Primeur provided the IT Supply Chain Management with a data integration solution, equipped with data transfer and data transformation features, allowing to fully monitor Production Schedules and matching in real-time Supply Chain Data Flows.

BENEFITS
• Prevent material shortages risks and guarantee defined SLA's compliance.
• End-to end tracking and monitoring dramatically reduced operational time and business impact.
• **66%** incidents resolution time reduction.

manufacturing

THE CUSTOMER
One of the largest multi-utilities in Europe. Responsible for provision of services (water, electricity, gas) and billing.

CHALLENGE
Reliable, timely delivery of metering information across a broad geography, information transfer to/from business partners (installers, service provisioning, customer billing and collections, financial reconciliations with banking institutions) using multiple standards and applications.

SOLUTION
Primeur data integration platform across entire supply chain and Financial entities and applications using secure protocols and web services. Data integration with SAP IS-U (SAP Industry Specific for Utilities), SAP FI (Financial Accounting.

BENEFITS
• Improved installation and service delivery time.
• Greater Customer satisfaction and customer retention.
• Improved Business Governance, Visibility and Notification.

utilitiy

THE CUSTOMER
Large Private Healthcare Group with hospitals, out-patient clinics and laboratories located in Europe.

CHALLENGE
Time-critical delivery of confidential patient data, Compliance with Healthcare Regulations, management of supply chain management and customer/insurance financial information.

SOLUTION
Primeur data integration solution (data transfer and data transformation features) connected patient/laboratory systems, converted multiple data formats and automated dataflows.

BENEFITS
• Prevented critical medical supply shortages.
• Enabled the Electronic Health Record (EHR) systems to meet audit and clinical needs.
• Reduced patient care lead-times and significant overall business cost reduction.
• Improved Customer Experience.

Healthcare

About Primeur

We are a Smart Data Integration Company, with an unconventional philosophy. For more than 30 years we have been serving some of the most important Fortune 500 companies with our unconventional approach, our problem-solving attitude and our software solutions.

We make Data Integration simple, accessible, secure and sustainable over time.

Our goal is to help Companies to manage and control the data they generate, use and analyze without interfering with the existing IT systems and applications.

We help Companies to work better and smoother, preserving their existing systems and IT investments.

The results are better operations, driven by better and faster decisions, delivering a better service with a lower investment.

We Are Primeur.
www.primeur.com