

Temenos Data Source



Automated Data Management with Temenos

Temenos DataSource is an Enterprise Data Management solution that improves the quality of your market and reference data on an automated basis. It thereby reduces the costs and risks connected with the management of a constantly growing volume of data. Temenos DataSource is built to generate your “Golden Copy”.

The flexibility of its high performance rules engine and data model allows Temenos DataSource adapting fast to changing regulations. It validates data acquired from international and local providers, merges it and then forwards consistent data to various target

systems within the organization. This versatility makes Temenos DataSource unique.

Thanks to the integrated reporting system, centralized collection mechanisms make it easy to conduct internal and external audits. The future- proof technology of Temenos DataSource can be easily expanded to meet the demands of the most complex API strategies and is cloud ready. Data can be imported, consolidated and exported in a single STP process. Even the largest volumes of data can be efficiently managed thanks to scalable architecture.

Multiple built-in data adapters for import, export and reporting

State of the art, cloud technology with APIs

Proven implementation in complex environments

Why Temenos DataSource?

Centralized Governance and Monitoring

Embedded easy to use High-Performance Rule engine

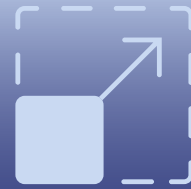
Flexible Configurability of Data Model, Rules Engine and UIs by user



Pre-configured business modules



Automated data quality



Scalable IT architecture for fast processing of high volumes



Flexibility to adapt regulatory changes

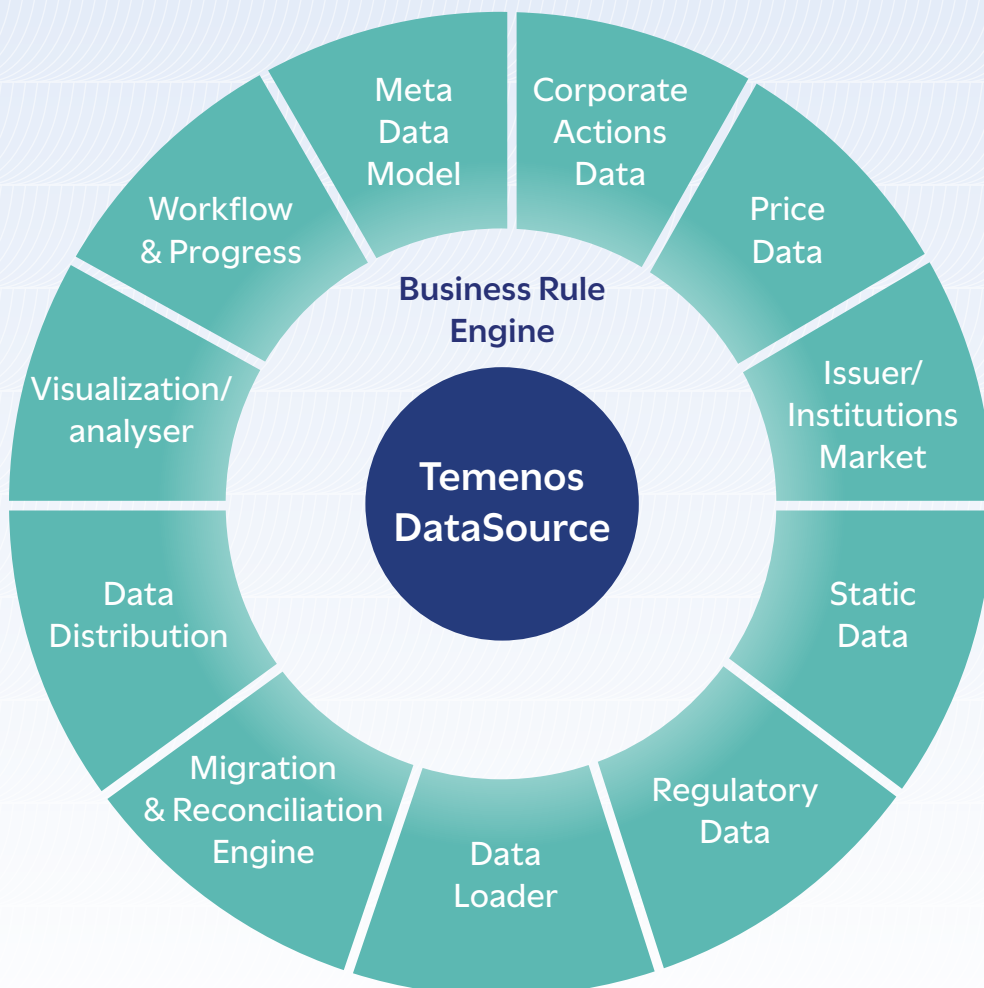


Full multi- company support for multiple source and target systems



Reducing costs & risk by increasing data quality and STP rate

State of the art architecture



Functional Areas

Business rules engine

- Powerful data mapping and centralized data validation
- Data cleansing through embedded business logic
- Data enrichment (e.g. complementary attributes from internal sources)
- Configurable via UI by business analysts
- Error and exception handling
- Activation date
- Statistical information
- Monitoring of data value mismatches from different data sources

Solution modules

Workflow & process engine

- Dashboard and Cockpit for centralized view
- Controlled by graphical Process Monitor
- Supporting of customer/companies specific processes/workflows
- Visualization of process status
- 'Alert' functionality for process issues and SLA agreements
- Link between process monitor and relevant processing step
- STP for Financial Instrument opening process fully covered
- Management of term sheets for structured products

Data loader import

- Standard adapters to key data vendors
- Generic configurable loader for importing any internal or external data source
- Multiple technical solutions to connect data providers e.g. MQ, file-based, web service
- General functions for all providers
- Pre-configured screens on provider level
- Flexible integration of additional fields (e.g. internal fields)
- Display of historical provider data for every record date selected
- Automated validation and plausibility checks (on field and record level) for golden copy
- Alerting of data deviation based on user defined criteria for golden copy

Data Distribution (Export)

- Support of multi-company / multi-site delivery
- 'Copy client button' for quick configuration of new companies/entities/tenants
- Respecting bank specific license agreements with the data provider
- Standard export adapters to various target systems (e.g. Core banking, compliance, asset management)
- Multiple data distribution options
- (API, Messaging middleware, file-based, etc.)
- Plug-in mechanism for additional computation (e.g. mathematical algorithms)

Visualization / Analyzer

- User-friendly & configurable UI
- Dashboard with Charts for monitoring
- Display of instrument data relations (e.g. issuer-instruments-corporate actions)
- Embedded report generator
- Standard reports & easy to configure report wizard



Meta data model

- Business model with over 5000 datapoints and thousands of preconfigured mapping and validation rules
- Flexible & configurable meta-data model (entities, attributes, relationships)
- Automated routines for release upgrades by data vendors
- Internal, complementary objects/attributes can be added via configuration

Migration & reconciliation engine

- Automated data reconciliation
- Reporting of data deviations
- Powerful tool for rapid implementation

Provided data segments

- Issuer / institutions / markets
- Financial instrument static data for all kind of products (e.g. equities, bonds, funds, derivatives, structured products, indexes, benchmarks, etc.)
- Regulatory data (e.g. MIFID, ESG, FATCA)
- Corporate actions data for Cashflows, Capital adjustments and others
- Key figures and other Prices
- Price data with powerful calculation and monitoring features (missing prices, tolerance checks, etc.)

State-of-the-art architecture & technology

- On Premise or Cloud deployment, native or in containers
- API framework
- High Scalability by Microservices
- 100% Java native
- Oracle and PostgreSQL supported
- Microsoft Azure, AWS, IBM, Oracle and Google Cloud supported



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About Temenos

Temenos (SIX: TEMN) is a global leader in banking technology. Through our market-leading core banking suite and best-in-class modular solutions, we are modernizing the banking industry. Banks of all sizes utilize our adaptable technology – deployed on-premises, in the cloud, or as SaaS – to deliver next-generation services and AI-enhanced experiences that elevate banking for their customers. Our mission is to create a world where people can live their best financial lives.

For more information, visit www.temenos.com

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