



Datalynx Enterprise Data Management Solution Catalogue

About Datalynx



Vendor of the world's most versatile
Enterprise Data Management software



Licence our software to clients & partners



Partner-based sales model
(local & global alliances)

Provide software & project
support services

Datalynx Data Management Suite (DMS)

Datalynx DMS is deployed as a Data Management Hub:

- ✓ Highly versatile technology configured to deliver a broad range of business solutions
- ✓ Operates within and across conventional and Cloud environments
- ✓ Consolidates, matches, correlates and analyses data from virtually any dataset
- ✓ Serves as a configurable integration platform replacing point to point solutions
- ✓ Is highly scalable to process very large data volumes
- ✓ Inbuilt security administration and job management

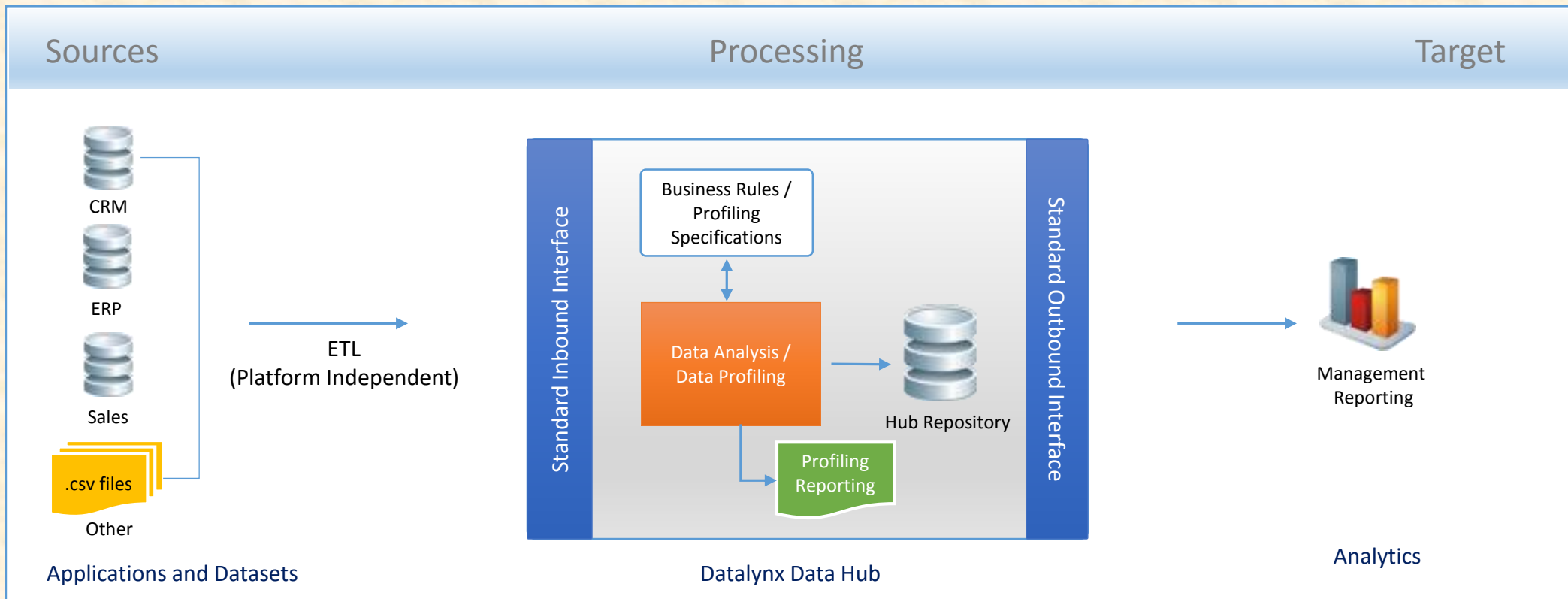


On Premise Solutions

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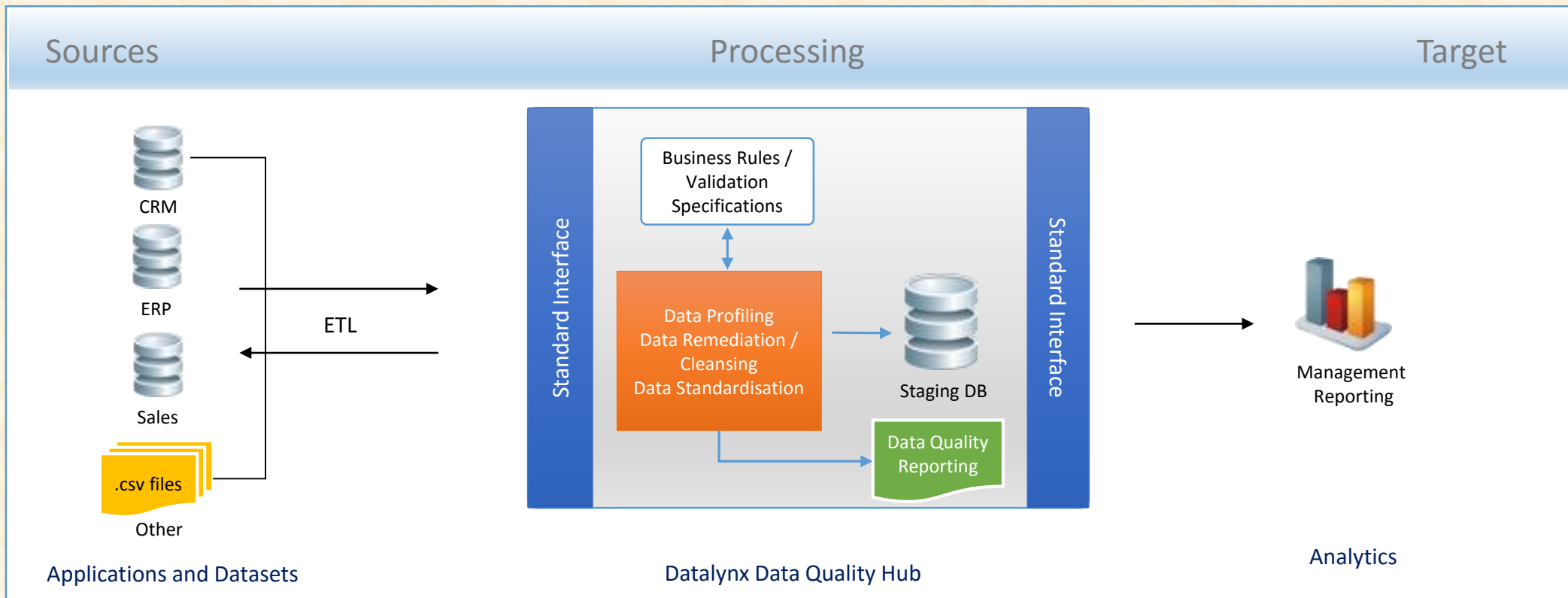
Data Analysis / Profiling

Solution Type	Description	Use
Data Analysis / Data Profiling. On premise.	Analysis to understand the characteristics of a dataset including its structure, level of quality and business use. Typically run against a copy of a dataset. Can be run against a production system.	Precursor to most projects, including data migration, data cleansing, data integration, MDM and BI. Provides source data metrics, data quality analysis and information to support subsequent planning activities.



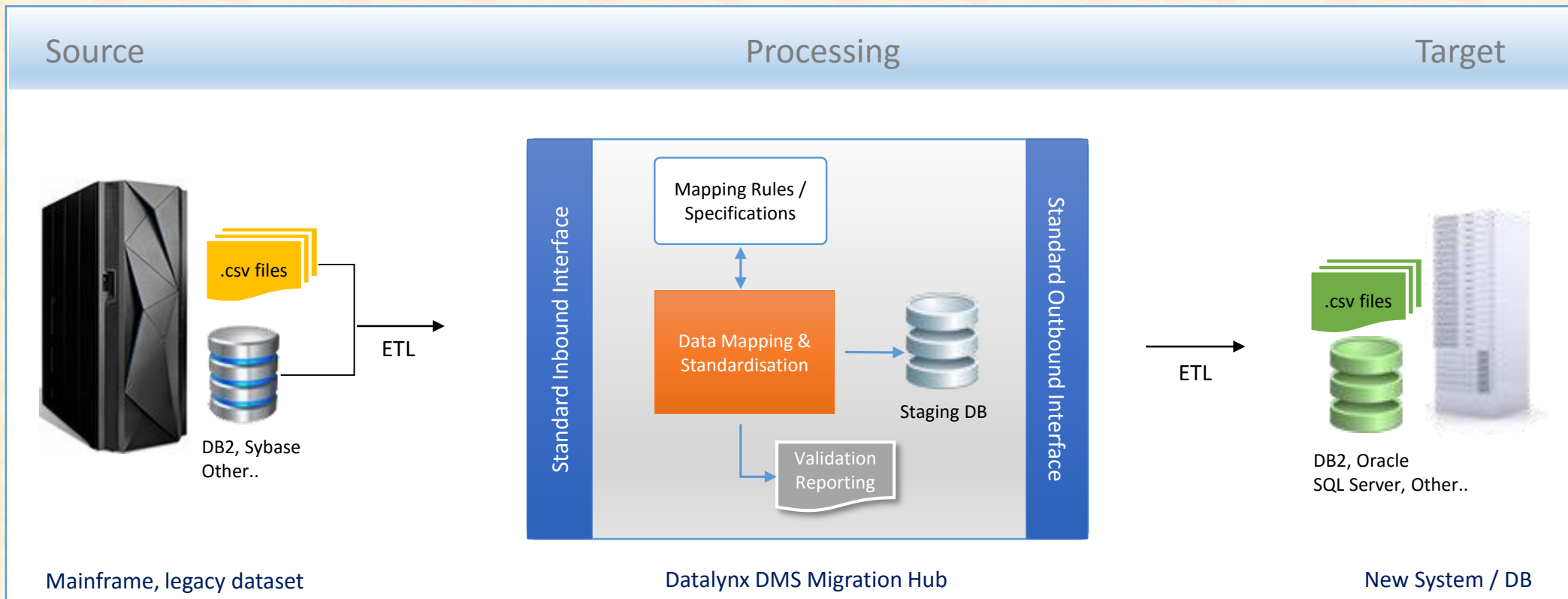
Data Quality Management

Solution Type	Description	Use
Data Quality Management On premise	Solution for sustainable data quality management. Monitors and reports on data quality and automatically applies data remediation processes to address issues.	Supports data governance initiatives as well as ensuring data that has been cleansed continues to maintain its integrity and is "fit for purpose" over time..



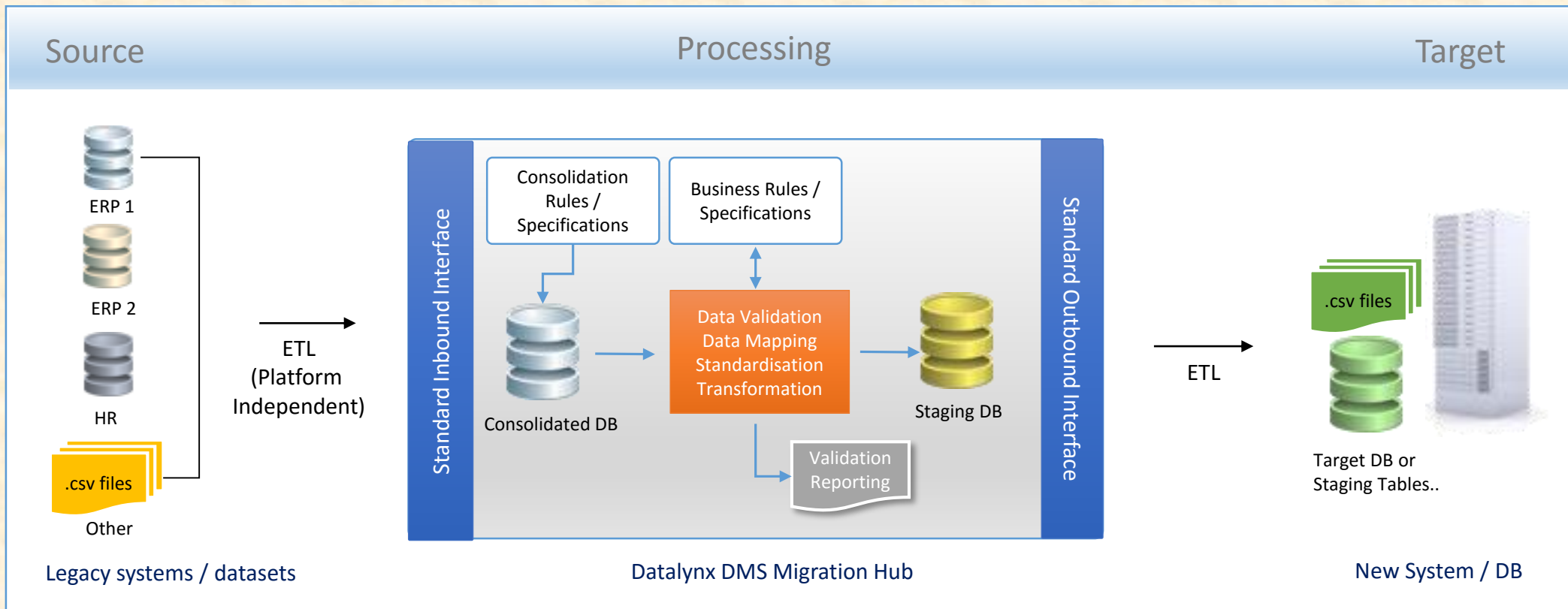
Data Migration: "One-to-one" - no transformation

Solution Type	Description	Use
Data Migration: One-to-One. On premise	Migrating data from a legacy system without any transformation. The target database has the same structure as the source.	Moving data to a new platform or database e.g. Mainframe to mid-range, DB2 to SQL Server, Oracle to PostgreSQL etc. Applications continue to work without the need for modification.



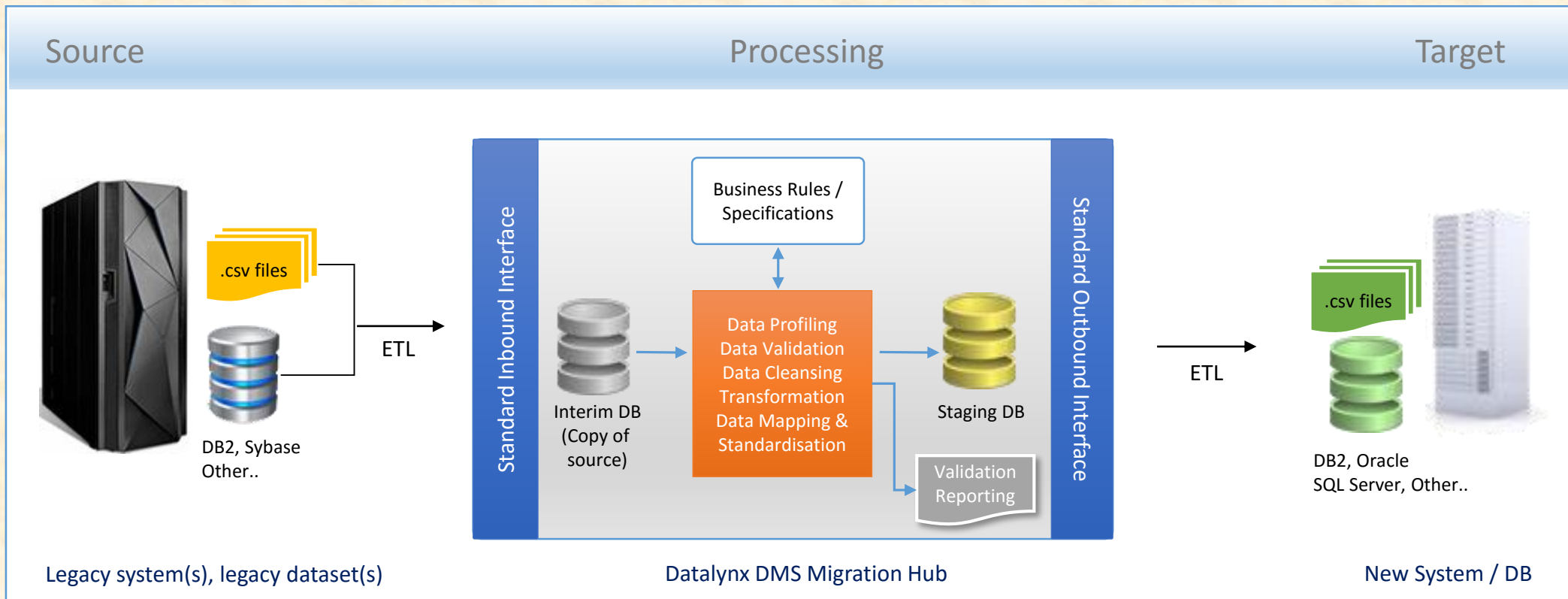
Data Migration: Consolidation of Multiple Source Datasets

Solution Type	Description	Use
Data Migration: Multiple Sources requiring consolidation before migrating. On premise.	Migrating data from disparate legacy systems with standardisation & transformation processing. The target database has a different structure to the sources.	Moving data to a new application database e.g. multiple legacy ERP systems to one new system.



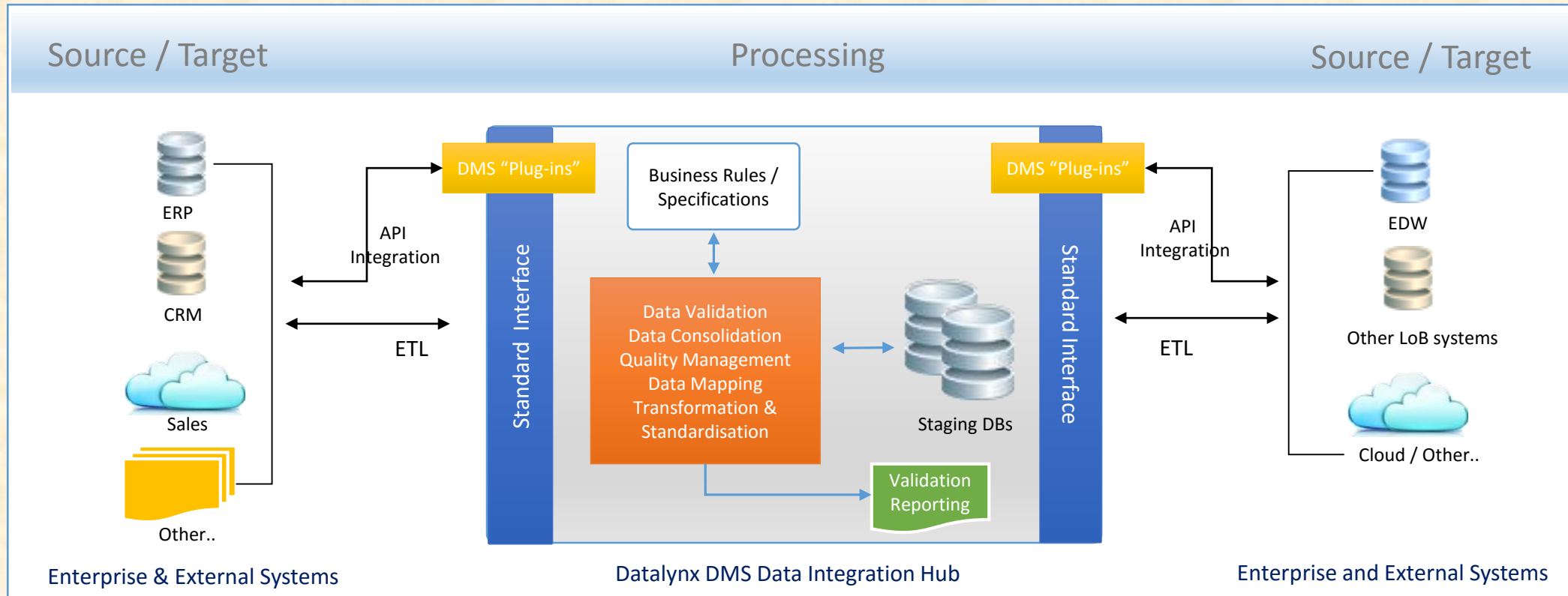
Data Migration: Cleansing & Transformation

Solution Type	Description	Use
Data Migration: Data Cleansing & Transformation. On premise	Migrating data from a legacy system, incorporating data quality enhancement and data transformation. The target database has a different structure to the source.	Moving data to a new platform or database, commonly when implementing a new application. Source data quality is enhanced via data cleansing and standardisation to be "fit for purpose" and restructured for the target model.



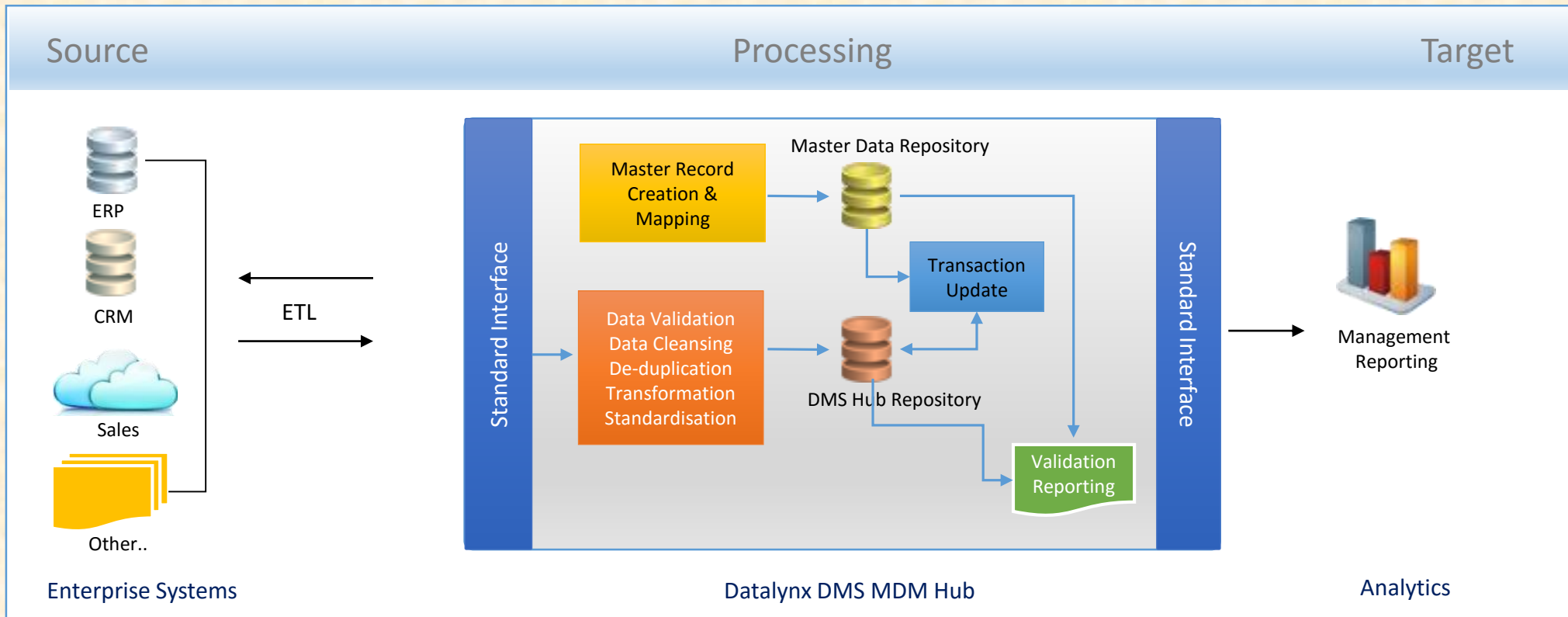
Data Integration

Solution Type	Description	Use
Data Integration On premise	Configurable Data Integration Hub for data exchange between enterprise systems, external systems and ad-hoc datasets.	Platform for ingesting, validating and standardising data. Provides configurable integration between disparate systems, to support data loading, extraction, synchronisation, updates etc.



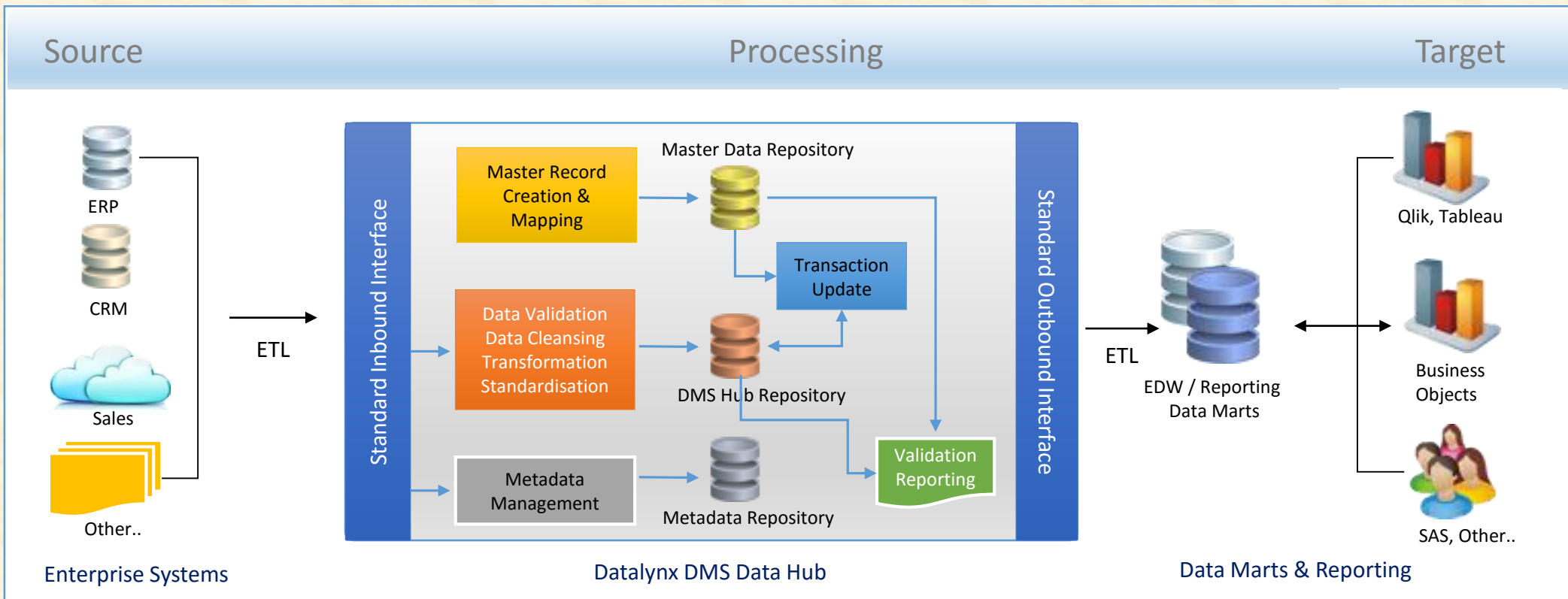
Master Data Management (MDM)

Solution Type	Description	Use
Master Data Management On premise	Multi-domain MDM solution utilising the Datalynx DMS Master Data Repository. Encompasses creation of master records and ongoing maintenance.	Supports Analytical (BI) MDM and Operational MDM with synchronisation of master records (and associated transactions) across operational systems. Can be configured for any data domain, including Clients, Persons, Vendors, Products, Employees etc.



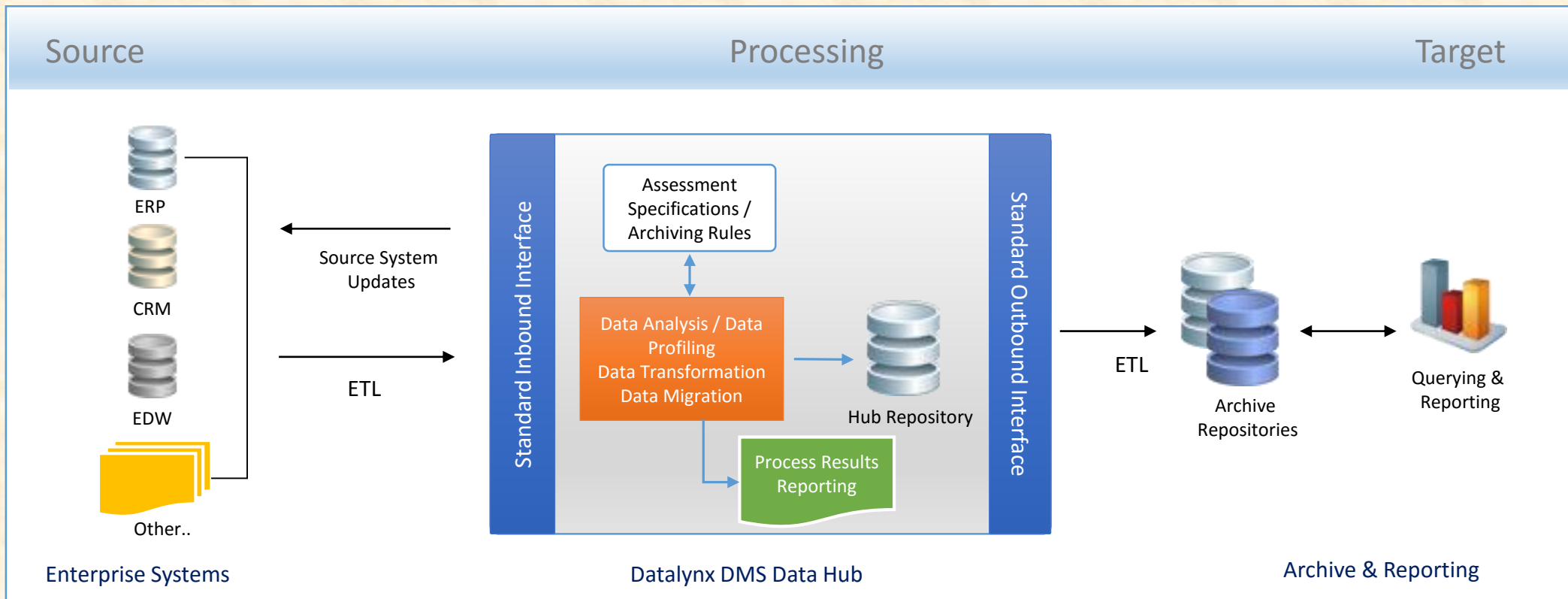
Business Intelligence: DW and Analytics

Solution Type	Description	Use
Business Intelligence: Data Warehouse & Analytics solution. On premise	Datalynx DMS scalable Rapid BI for configuring BI / Analytics / Reporting solutions.	Establishing Enterprise Data Warehouses, Data Marts and Analytics platforms, incorporating data integration and optional data quality management, Master Data Management, Metadata Management etc.



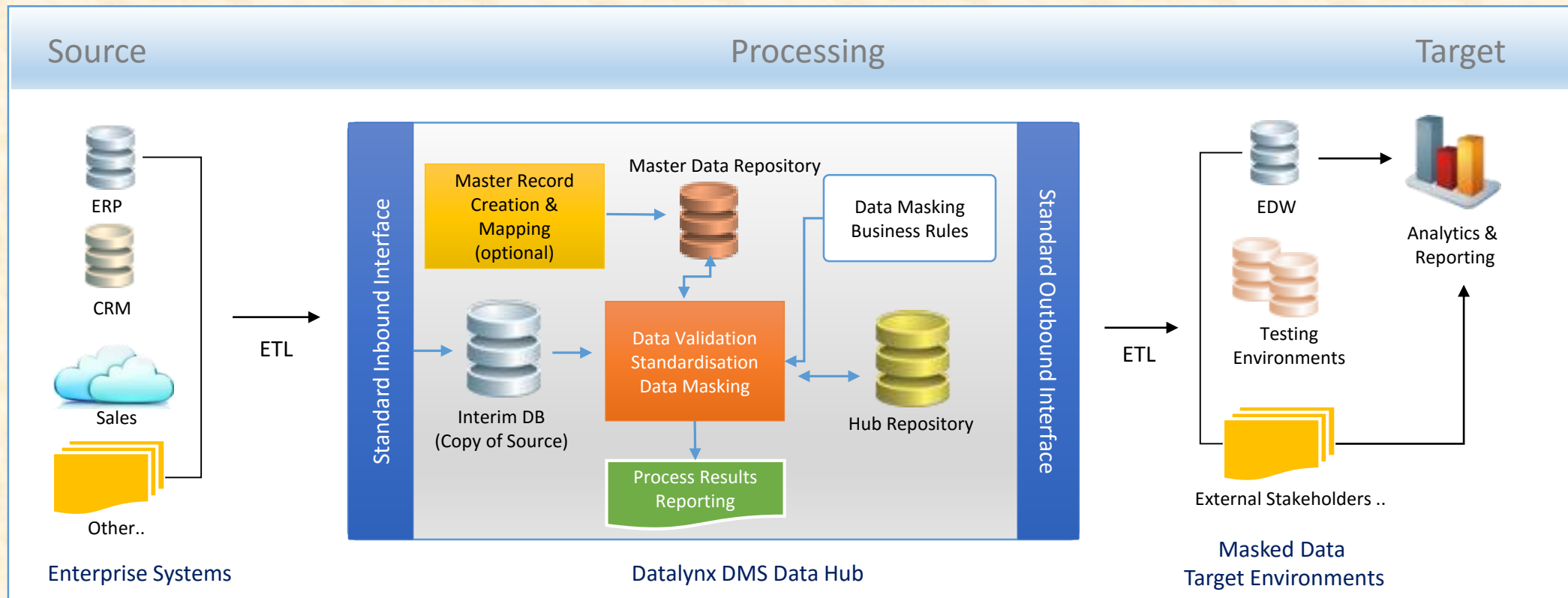
Data Archiving

Solution Type	Description	Use
Data Archiving On premise	Rules-based selection, extraction of records / transactions for archiving from operational systems and data stores.	Supports Data Lifecycle Management by extracting data from operational systems, migrating to an archive repository or read-only data store for subsequent querying and reporting. Includes optional source data purging.



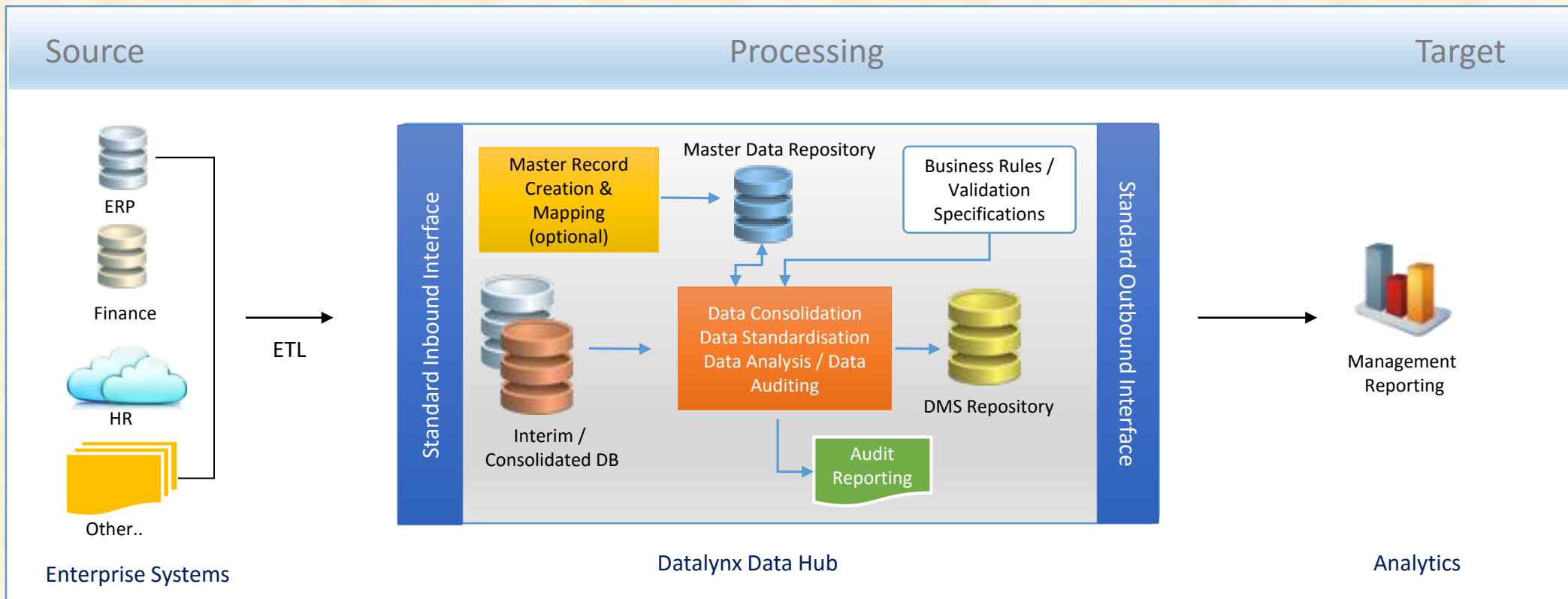
Data Masking

Solution Type	Description	Use
Data Masking On premise	Solution for creating working datasets with masked / obfuscated Personally Identifiable Data (PII) / Sensitive Personal Information (SPI).	Establishing testing environments with masked data that retains all source system characteristics, such as referential integrity and data relationships. Production of de-identified datasets for publication to external stakeholders.



Data Auditing & Fraud Detection

Solution Type	Description	Use
Data Auditing / Fraud Detection On premise	Detailed analysis of master data (Clients, Vendors, Employees etc.) and associated transactions within and across systems.	Business Assurance via automated, business-rule driven auditing of all transactions to verify compliance with business policies and process controls and early detection of erroneous and potentially fraudulent activities.



Big Data: Integrating Enterprise Systems with Hadoop

Solution Type	Description	Use
Big Data Integration On premise	Sourcing transactional data from multiple enterprise systems and external datasets. Preparation and transfer to Hadoop.	Providing data that has been standardised, validated and optionally de-duplicated to a Hadoop repository for more effective and accurate analytics.

