

# Sunopsis™

**On-time, on-spec, on-budget**

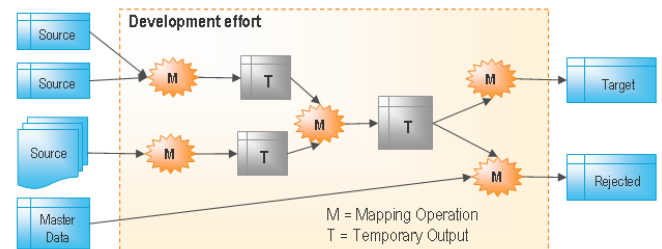
Today's daunting challenge for data integration projects is to achieve on-time deployment of integration processes that fully meet specifications – functional, performance, quality – within the assigned budgetary constraints. Furthermore, these processes need to be maintainable by others over time, and the work done should be reusable for further, broader integration initiatives.

Sunopsis Data Conductor is a powerful ETL solution that meets the toughest data integration challenges, and helps streamline future integration initiatives. Data Conductor is used for loading Data Warehouses and Data Marts, as well as for migrating data between heterogeneous systems.

## Sunopsis Data Conductor™

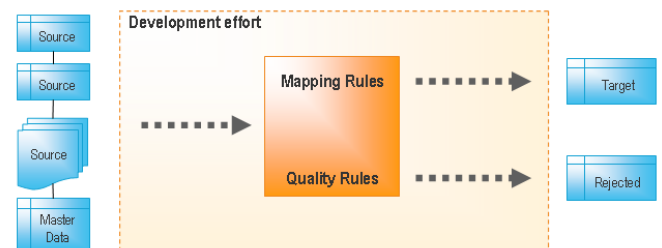
### A Business-Rules-Driven Approach to Data Integration

Sunopsis Data Conductor dramatically reduces the development and maintenance workload of the integration processes by clearly separating the business rules (the “what”) from the actual implementation (the “how”).



*The traditional ETL approach requires the development of the data flow*

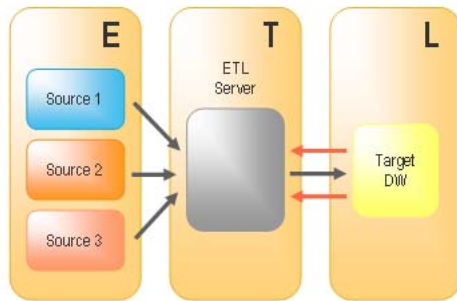
With Data Conductor, business rules describing mappings and transformations are defined graphically and stored independently from the implementation, and the data flow is automatically generated.



*With Data Conductor, the data flow is automatically generated from the business rules*

## The E-LT Architecture

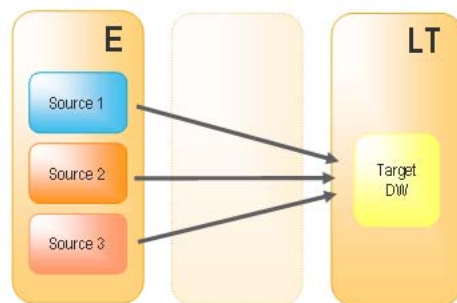
Sunopsis Data Conductor greatly improves performance over the traditional ETL approach, which performs complex data transformations using proprietary, middle-tier ETL engines residing on a dedicated hardware server and performing row by row data transformations.



*The traditional ETL approach uses a dedicated ETL server*

Instead, Data Conductor uses the E-LT (Extract - Load & Transform) approach, wherein all data transformations are executed by the existing RDBMS engines.

Data Conductor generates native code (SQL, bulk loaders, shell, etc.) to load data directly into the data warehouse (or other target) server, and enables data transformations to be executed in bulk mode by the target RDBMS.



*The E-LT approach leverages RDBMS engines to execute data transformations*

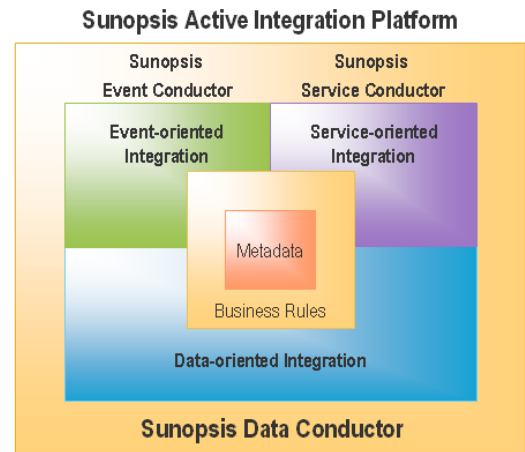
## Lowest Total Cost of Ownership and Best ROI

Because Data Conductor eliminates both the acquisition and maintenance of a dedicated ETL server and a proprietary ETL engine, it dramatically reduces both the initial and ongoing costs, while ensuring the highest level of performance.

Data Conductor also dramatically reduces development and maintenance time thanks to its rules-based approach, powerful metadata management capabilities and intuitive graphical interface.

## Common Integration Platform

Already a best-of-breed ETL software when used on its own, Sunopsis Data Conductor is also the backbone of the Sunopsis Active Integration Platform, a unified infrastructure to streamline data and application integration projects. All business rules defined within Data Conductor can be leveraged by the other components of the Active Integration Platform, helping to accelerate all integration projects.



*Sunopsis Data Conductor is a component of the Sunopsis Active Integration Platform*

## Other Key Features

### Advanced Data Integration

- Support for all transformations, joins, aggregations, complex calculations and data quality controls on heterogeneous systems
- Automatic data quality control on the fly
- Strong metadata management including data lineage, dependency graphs, cross referencing and impact analysis

### Optimized Production Environment

- Native code generation for each of the distributed database engines and orchestration of their work
- Connectivity to all major database systems, ERP/CRM systems, flat files, XML, MOM, etc.
- Automatic error detection, recovery and management
- Portable architecture, runs on any system