Data Modeling + Data Mapping = Fast, High-Quality Data Pipeline to Fuel Results

erwin the data governance company

Sandhill

Data modeling is an integral part of any data management initiative, providing data for business use, governance and technical management of databases of all types. However, once an organization understands what data it has and how it's structured via data models, it needs answers to other critical questions: Where did it come from? Did it change along the journey? Where does it go from here? Knowing how data moves throughout technical and business data architectures is key for true visibility, context and control of **all** data assets.

But managing data in motion has been a difficult, time-consuming task that involves mapping source elements to the data model, defining the required transformations, and/or providing the same for downstream targets. Historically, it either has been outsourced to ETL/ELT developers who often create a siloed, technical infrastructure opaque to the business, or business-friendly mappings have been kept in an assortment of unwieldy spreadsheets difficult to consolidate and reuse much less capable of accommodating new requirements.

erwin Data Modeler (DM) remains the gold standard in data modeling, foundational to database management for documenting, enforcing and improving those standards. But instead of manually extracting the model metadata, you now can scan and integrate any data source for presentation to all interested parties — automatically.

What if you could automatically extract the metadata in your erwin data models for use in other applications?

- Scan and import the metadata within any environment you manage without having to create a model.
- Never waste time developing single-use spreadsheets extracted from erwin DM.
- Automatically use all your metadata to produce meaningful business outcomes.

erwin Mapping Manager (MM) is a metadata-driven, web-based solution that automates data mapping throughout the enterprise data integration lifecycle. It makes it easier, faster and more cost-effective to transform and move data in tight alignment with business requirements. **Its key features include:**

- Easy import of erwin data models and legacy mappings, plus share and reuse mappings and transformations
- Scheduled scanning of data sources to provide versioning with comparison features
- Source-to-target mappings to show upstream and downstream data lineage and transformation
- Ability to enrich the metadata catalog to automatically feed data governance or analytics initiatives
- Documentation and reverse-engineering of existing ETL processes and code
- Powerful impact analysis to show links from physical assets to business representations

Plug-ins/options for:

Automation Framework — Generate and reuse code automation templates to forward- and reverse-engineer ETL, ELT, procedural and other data movement code (e.g., Data Vault).

Lifecycle Management — Automate gathering functional requirements, mapping design, testing and release management.

Data Governance — Integrate business glossaries with data policies and rules to support IT audits and regulatory compliance programs.