

Enterprise Data Modeling with ER/Studio

UNTANGLE YOUR DATA CHAOS WITH METADATA

Data stakeholders — including various information technology (IT) functions, data governance teams and business users — need a comprehensive solution to understand the information of the organization and use this understanding to manage its data.. ER/Studio does this better than anyone by providing unhindered access to enterprise metadata.

WHY ER/STUDIO?

Create a Business-driven Data Architecture

The quantity, variety, and location of data sources within hybrid and distributed environments are growing fast. Knowledge of data, rapid access to data, and the ability to gather insights from data fast is more important than ever. Therefore, enterprise data architecture is important to an organization's success. An enterprise data model provides common definitions for important data, provides a mechanism to compare diverse data assets, to design data integrations, and a point to kick start new development projects.

Enterprise data architecture eliminates time-consuming manual tasks while improving governance and visibility to deliver maximum value from enterprise data. It enables organizations to:

- Manage data across complex IT environments by understanding metadata well
- Standardize important information
- Gain insights from enterprise-wide data assets.
- Enable robust information governance and data stewardship.
- Shape future IT strategy.

ER/Studio has earned its reputation as the best solution for enterprise data architecture. The reasons are its comprehensive data modeling, metadata management, built-in data governance, enforcement of standards and guidelines, scalability, and flexibility, as well as collaboration and teamwork.

"ER/Studio improved our data management capabilities a lot. One team built comprehensive and structured models of data assets. And another business unit developed glossaries to standardize language and provide a mechanism for consumer data discovery. This promotes better communication and productivity and delivers a platform for data democratization. ER/Studio has also helped us to track and clarify data definitions and develop a one-stop-shop approach to data archiving. The business has reduced risks stemming from miscommunication, improved its understanding of data sensibility and value, while streamlining processes and optimizing data visibility."

Patrick Rock **Data Modeler**
Werner Enterprises, Inc.
Large USA Transportation Services Enterprise



ER/STUDIO BENEFITS AND RESULTS

Unlock the Data Value Chain with a Unified Approach to Enterprise Data Modeling

ENTERPRISE DATA ARCHITECTURE

- Build a business-driven data architecture that scales with your organization.
- Strengthen your data environment by discovering and documenting existing assets.
- Improve the integration and interoperability of data by standardizing common concepts.
- Identify sensitive data objects to comply with regulatory requirements.

DATA GOVERNANCE

- Create a foundation for data governance and compliance programs.
- Provide definitions and policies around data with a business glossary.
- Kick start your governance program by harvesting ontologies of terms from your data models.
- Ask the important questions, "Where is my data?" and "What does this data mean?"

CENTRALIZED COMMUNICATIONS

- Share and manage data models across the enterprise.
- Publish data models and metadata with designated permissions to a centralized repository.
- Collaborate on global business glossary terms and definitions for consistency.
- Browse data through the business glossary, the enterprise data model, and a data dictionary.

ENTER ER/STUDIO: THE ENTERPRISE TOOL FOR DATA ARCHITECTURE

ER/Studio comprises two primary components.
The first component is the desktop Data Architect product.
The second component is the Team Server product.

Robust Logical and Physical Data Modeling with Data Architect

USE DATA ARCHITECT TO BUILD MODELS OF DATA ASSETS:

- Build graphical data models of information that business stakeholders can understand.
- Specify the sensitive data objects that need heightened protection to withstand audit scrutiny.
- Model relational databases, file formats, and hierarchical structures (such as JSON).
- Forward and reverse engineer a range of popular data platforms.

Connecting the Enterprise with Team Server

USE TEAM SERVER TO HOST THE ENTERPRISE DATA MODEL AND DATA GOVERNANCE FRAMEWORK IN A COLLABORATIVE ENVIRONMENT:

- Access and publish data models and objects, and manage model changes and releases.
- Link data models together into an enterprise data model using universal mappings.
- Manage business glossaries of terms and harvest from data models.
- Classify data models against business terms and create a data catalog of data assets.

ALSO FOR DATA MODELING TEAMS

Tap Into The Enterprise Tool with Data Architect

Data modeling teams and individual data modelers can leverage the enterprise-scale solution ER/Studio by using the desktop Data Architect product as a standalone tool. It stands out as a preferred tool for individual data modelers and data modeling teams. The reasons are its intuitive interface, forward and reverse engineering, traceability of data origins, and support for data governance and metadata management.

[DOWNLOAD FREE TRIAL](#)

THIRD-PARTY INTEGRATIONS

Expand the Reach of Your Enterprise Data Models

- Publish data models with business term mappings to the business glossary of Collibra for data governance.
- Import enterprise resource planning (ERP) and customer relationship management (CRM) metadata with Silwood's Safyr.
- Transfer logical data models and business glossaries to Idera, Inc.'s, WhereScape for data warehouse automation.
- Import and export metadata, and import data lineage with MetalIntegration Technology's MetaWizard and Data Lineage bridges.
- Integrate with Atlassian's Jira for issue and project tracking.

THE ROAD TO DATA SUCCESS

Integrate ER/Studio Smoothly Into Your Organization

Discover for yourself how you can enable collaborative enterprise data architecture by scheduling your personalized product demonstration with an industry expert.

[CONTACT SALES](#)

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ER/Studio helps us provide a data warehouse environment that is doing what it is supposed to do.

Angie Hastings **Data Architect for Enterprise Data Warehouse and ETL Manager**
Newmont Corporation (Fortune 500 mining company in the USA)

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