

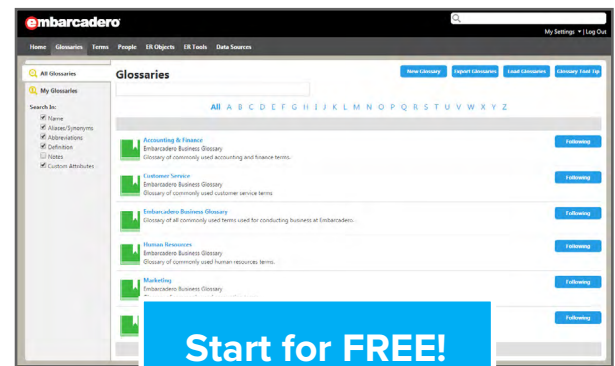


# ER/Studio Enterprise Team Edition

## THE ULTIMATE COLLABORATIVE ENTERPRISE DATA ARCHITECTURE AND MODELING SOLUTION

With many organizations seeing a significant increase in data, and with data becoming more diverse and updated more frequently, it's clear that the role of data management professionals has become increasingly complex.

ER/Studio Enterprise Team edition sets a new standard for data management that empowers users to easily share, document and publish models and metadata across the whole organization.



*fully functional 14-day trial*

## IDERA ER/STUDIO ENTERPRISE TEAM EDITION

### THE CHALLENGE OF MANAGING AND UTILIZING ENTERPRISE DATA

Physically capturing and properly integrating data is challenging, especially for unstructured content. Incorporating the new data, interpreting it correctly, and making it available to decision makers in a timely manner poses three distinct challenges for data management professionals:

- Leveraging enterprise data as an organizational asset
- Improving and managing data quality
- Clearly and effectively communicating data throughout an organization

To address these issues, ER/Studio Enterprise Team edition gives data modelers and data architects the capabilities needed to analyze, document, and share essential models and metadata across the organization, including glossaries, definitions and custom attributes. Data professionals can establish an enterprise glossary to consolidate the business terms and metadata for all data models, and business users can contribute to the glossary contents to compile an authoritative reference. Master data and transactional concepts with multiple entities and relationships, such as products, customers, and vendors, can be represented with Business Data Objects, for better alignment to the business.

Now business and technical users – in any size of organization – can be confident that high value and complex decisions are based on a common understanding of the corporate metadata. They can rest assured that interpretations of data from myriad sources, including ETL platforms, big data and relational data, will be consistent across a large enterprise. ER/Studio Enterprise Team edition allows data management professionals to document, interpret, and fully take control of their enterprise data environment.

When an organization can interpret data accurately, and share and re-use data faster, the quality of business decision-making improves. Understanding sources, targets, and transformations of enterprise data is a fundamental requirement for any organization to achieve viable data quality. ER/Studio gives data management professionals the metadata foundation to quickly respond to business process demands, reduce the risk of non-compliance, and deliver more actionable insight.

Many organizations must deal with both structured and schema-less data, as well as a broad landscape of platforms. ER/Studio Enterprise Team edition continues to build on its support of strategic enterprise systems including Teradata, Netezza, and Azure, as well as Big Data platform support for Hadoop Hive and MongoDB, giving organizations an interpretive and collaborative enterprise advantage for leveraging their data residing in diverse locations, from data centers to mobile platforms.

ER/Studio Enterprise Team edition provides the fastest, easiest, and most collaborative way for data management professionals to build and maintain enterprise-scale data models and metadata repositories. Built-in facilities automate routine modeling tasks to provide visibility into existing data assets while reducing re-creation and redundancy. Naming standards templates can be applied to models to provide clarity and ensure consistency. Empowered with easy-to-use features for communicating and collaborating on essential data and definitions, ER/Studio users find it simpler and faster to successfully manage their data and use it for making high-value decisions.

*"ER/Studio allows us to collaborate efficiently and keep up with our vast, complex databases and our customers' needs."*

**Kelly Carrigan, VP of Data Warehousing and Infrastructure,  
Catalina Marketing**

## BENEFITS

IDERA

## ER/Studio Enterprise Team Edition

- Create in-depth logical and physical models to represent key business concepts including Business Data Objects
- Track data model changes and their impact on data sources, databases, and applications
- Improve communication with business users and enable them with the right level of data visibility
- Create and collaborate on an enterprise glossary with consistent business terms and definitions

### Logical and Physical Data Modeling

UNIVERSAL MAPPINGS	Map between and within conceptual, logical and physical model objects to view upstream or downstream.
"WHERE USED" ANALYSIS	Display mapping between conceptual and logical models and their implementations across physical designs.
VISUAL DATA LINEAGE	Visually document source/target mapping and sourcing rules for data movement across systems.
ROUND-TRIP DATABASE SUPPORT	Native forward and reverse engineering for multiple RDBMS and big data platforms.
BUSINESS DATA OBJECTS	Represent master data and transactional concepts with multiple entities and relationships, such as products, customers, and vendors.
ADVANCED COMPARE AND MERGE	Enable advanced, bidirectional comparisons and merges of model and database structures.
NAMING STANDARDS	Automatically apply a naming standards template across logical and physical models by binding it to models, submodels, entities and attributes.

### Metadata Collaboration

TEAM COLLABORATION	Apply enterprise collaboration features such as activity and discussion streams, to capture and share corporate knowledge and reduce time identifying and correcting expensive data quality issues.
MODEL AND METADATA ACCESS	Share and collaborate on models and metadata across the organization with unlimited web user access.
INTERACTIVE MODEL IMAGE NAVIGATOR	View the data model image interactively within the Team Server web interface, including zoom, search, and repositioning functions.
INLINE DEFINITIONS	View definitions for registered data elements or business terms in integrated data access tools and internal webpages.
SEMANTIC MAPPING	Relate business terms to critical data elements including tables, columns, entities and attributes.
ENTERPRISE GLOSSARY	View, classify, relate and centrally store authoritative business definitions in an extensible enterprise glossary of business terms, and track changes with an audit trail.
GLOSSARY HEIRARCHY	Create child glossaries that inherit a subset of terms from one or more glossaries to define a tiered structure that can correlate to organizational configurations.
DATA SOURCE REGISTRY	Single searchable registry of all available created or imported data sources.
DATA SOURCE MAPPINGS	Track and analyze the impact of data model changes back to affected data sources.
CENTRALIZED REPORTING	More than 20 out-of-the-box reports and a reporting wizard for ad hoc reports that can be exported to several formats and shared.
ADVANCED SEARCH	Easily search and filter results for data objects, data sources, glossaries, and terms.

### Model Repository

COMBINED DEPLOYMENT WITH TEAM SERVER	Team Server and Repository have a shared database to simplify deployment and model storage and to eliminate synchronization while allowing for selective publication.
CONCURRENT MODEL AND OBJECT ACCESS	Allows real-time collaboration between modelers working on data models down to the model object level.
REVIEWING CHANGES AND RESOLVING USER CONFLICT	Conflict resolution through simple and intelligent interfaces to walk users through the discovery of differences.
VERSION MANAGEMENT	Manages the individual histories of models and model objects to ensure incremental comparison between, and rollback to, desired diagrams.
COMPONENT SHARING AND REUSE	Predefined Enterprise Data Dictionary eliminates data redundancy and enforces data element standards.
SECURITY CENTER GROUPS	Streamline security administration with local or LDAP groups improving productivity and reducing errors.
AGILE CHANGE MANAGEMENT	Assign and track tasks associated with data models to align changes to user stories and development workflows.

### Business Process and Conceptual Modeling

CONCEPTUAL MODEL CREATION	Supports high-level conceptual modeling using elements such as subject areas, business entities, interactions, and relationships.
PROCESS MODEL CREATION	Support for straightforward process modeling that uses standard elements such as sequences, tasks, swim lanes, start events, and gateways.

### UML Modeling

MODEL DRIVEN ARCHITECTURE AND STANDARDS	Supports Unified Modeling Language™, XML Metadata Interchange (XMI®), Query / Views / Transformations (QVT) and Object Constraint Language (OCL).
MODEL PATTERNS	Powerful re-use facilities to jumpstart projects through predefined patterns.

### Access to Multiple Data Sources and Platforms

IMPORT BRIDGES	Import model information from BI, ETL, other modeling tools, and industry-standard metadata interchange formats.
EXPORT BRIDGES	Easily export your models to BI, ETL, other modeling tools, and industry-standard exchange formats such as XMI, XML, and XSD.
DATA LINEAGE VISIBILITY	Visualize source-target mapping and sourcing rules designed in an external Extract-Transform-Load (ETL) tool or Data Integration (DI) tool.
ETL/DI TOOL INTEGRATION	Import mapping requirements information to the lineage model from most of the leading ETL and DI tools.

US +1 713 523 4433  
877 GO IDERA (464 3372)  
EMEA +44 (0) 1753 218410  
APAC +61 1300 307 211  
MEXICO + 52 (55) 8421-7980  
BRAZIL + 55 (11) 3280-1159

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