

# CA ERwin® Data Modeler Standard Edition



## At a Glance

CA ERwin® Data Modeler Standard Edition is an industry-leading data modeling solution that allows you to manage enterprise data through an intuitive, graphical interface. With a centralized view of key data definitions, you can leverage information as a strategic asset and more efficiently manage your data resources to save time and money.

### Key Benefits/Results

- Manage your complex enterprise data infrastructure
- Help increase quality and reduce maintenance and development costs
- Align business with IT by documenting key data definitions and rules

### Key Features

- Visualization of complex data structures
- Automated database design generation through graphical data models
- Standards definition to help minimize redundancy
- Reporting and publication to share information with diverse roles across the organization
- Model and database comparison tools
- Integration and metadata exchange with other tools

## Business Challenges

With growing data volumes, and the increased data complexity that comes with new technologies and data sources, the job of the data management professional is more challenging than ever before. The pressure is high to increase data quality and provide more rapid access to information, while at the same time reducing costs.

In addition, more business stakeholders across the organization have a vested interest in the quality and stability of data assets as business intelligence, data governance and other business-centric initiatives drive an increased focus on data.

Today's organizations need an effective way to manage their complex infrastructure in a simple and cost-effective way.

## Solution Overview

CA ERwin Data Modeler helps organizations manage their complex data infrastructure with the following key features:

- **Visualization of Complex Data Structures:** Automatically generate data models, providing a simple, graphical display to visualize complex database structures.
- **Database Design Generation:** Create database designs directly from visual models, increasing efficiency and reducing errors.
- **Standards Definition:** Help increase quality and efficiency with reusable standards such as model templates, domains, naming standards and datatype standards.
- **Reporting and Publication:** The Report Designer's intuitive point-and-click interface can create PDF, HTML and text-based reports for both diagrams and metadata.
- **Model and Database Comparison:** The Complete Compare facility automates bidirectional synchronization of models, scripts and databases; compares one item with the other; displays any differences and permits selective updates, generating ALTER scripts when necessary.
- **Integration and Metadata Exchange with Other Tools:** Integrate ERwin models with other projects and tools with import or export from a wide variety of sources, including BI tools, Big Data platforms, MDM hubs, other data modeling tools, Extract, Transform, Load (ETL) tools and Unified Modeling Language (UML) tools.

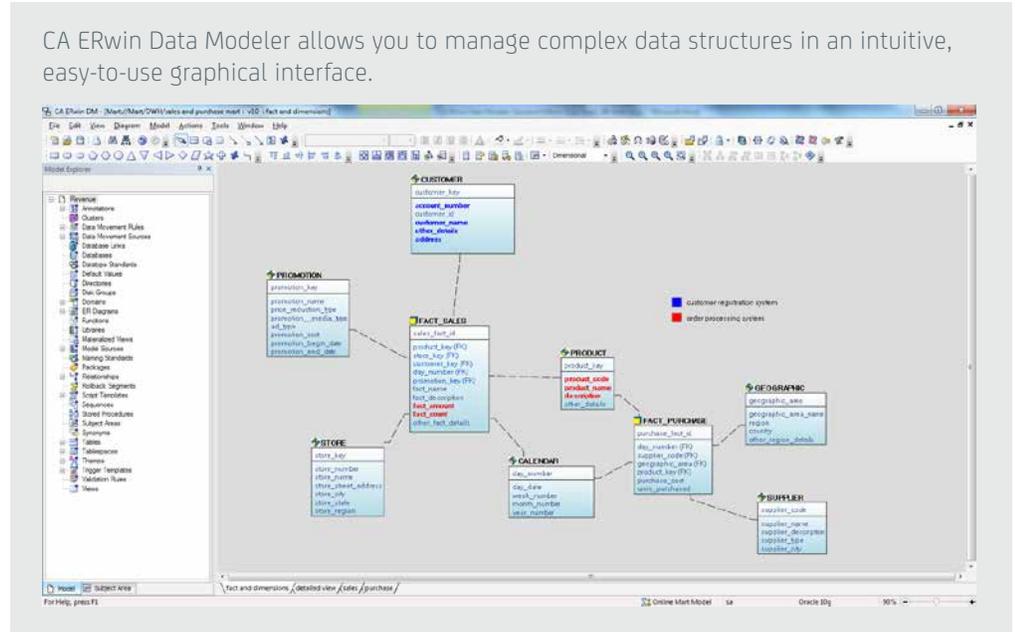
## Critical Differentiators

CA ERwin Data Modeler Standard Edition increases productivity by providing an easy-to-use graphical environment that simplifies database design and maintenance, automates many time-consuming tasks and enhances communication across your development organization, helping increase both efficiency and data quality, while at the same time reducing costs.

The ability to visualize large quantities of data objects in a graphical format helps promote effective communication between the business and technical stakeholders, helping ensure that business requirements align with technical database implementations. With a visual design, database developers can address design issues and concerns prior to any significant resource investments, helping your organization respond faster to evolving business needs by highlighting the impact of change on information assets and allowing you to respond quickly to the ever-changing and rapidly growing data environment.

## Related Products/Solutions

- **CA ERwin® Data Modeler Workgroup Edition** collaborative data modeling environment for teams
- **CA ERwin® Data Modeler Navigator Edition** read-only access to data models
- **CA ERwin® Data Modeler for Microsoft SQL Azure** manage Microsoft® SQL® Azure™ environments



CA ERwin Data Modeler allows you to manage complex data structures in an intuitive, easy-to-use graphical interface.

- **CA ERwin® Data Modeler Community Edition** free version with 25 object limit
  - **CA ERwin® Safyr Option** metadata management and model creation for ERP systems
  - **CA ERwin® Web Portal** web-based interface to share metadata with a wide range of users
  - **CA ERwin® Web Portal Data Governance Edition** web-based interface to create and share governance architectures and constructs
- Windows 7
  - Windows 8
  - Windows 2012
- and supports the following database environments:
- IBM® DB2®
  - IBM Informix® Dynamic Server (IDS)
  - MySQL
  - Open Database Connectivity (ODBC)
  - Oracle®
  - Progress
  - SAS®
  - Microsoft SQL Server®
  - Sybase® ASE
  - Sybase IQ
  - Teradata™

## Supported Environments

CA ERwin Data Modeler Standard Edition runs in the following environments:

- Windows® XP SP3
- Windows 2003 and 2008 Server SP2
- Windows Vista

For more information, please visit [erwin.com](http://erwin.com)

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