

CA ERwin® Data Modeler for Microsoft SQL Azure

At a Glance

CA ERwin® Data Modeler for Microsoft® SQL Azure™ is a single platform version of the CA ERwin data modeling solution. It can be used on its own to manage MS SQL Azure-only environments, or as an add-on to an existing edition of CA ERwin Data Modeler to provide a powerful way to visualize and manage data from multiple sources across the organization, whether on-premise or in the cloud.

Key Benefits/Results

- Manage both on-premise and cloud-based databases on MS SQL Azure from a single data modeling environment
- Support migrations of data structures from on-premise to cloud databases
- Database design for the MS SQL Azure cloud database platform using a familiar modeling interface

Key Features

- Visualization of complex data structures
- Automated database design generation through graphical data models
- Standards definition to help minimize redundancy
- Model and database comparison tools

Business Challenges

Today's organizations need an effective way to collaborate across roles and departments in order to manage their complex infrastructure in a simple and cost-effective way. The pressure is high to increase data quality and provide more rapid access to information, while at the same time reducing costs. As organizations look to gain agility and efficiency, the decision to move to the cloud is also of increasing importance. 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.

Solution Overview

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

Visualization of complex data structures. Data models can be automatically generated, 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. Reusable standards such as model templates, domains, and naming standards help increase quality and efficiency.

Model and database comparison. The Complete Compare facility compares models, scripts and databases, displays any differences and permits selective updates, generating ALTER scripts when necessary.

Critical Differentiators

CA ERwin Data Modeler for Microsoft SQL Azure helps increase productivity by providing an easy-to-use graphical environment that simplifies cloud-based database design and facilitates the migration of “on-premise” database structures to Microsoft SQL Azure in the cloud. With a visual design, database developers can address design issues and concerns and highlight the impact of change prior to migrating data to a cloud environment. It helps your organization migrate databases to the cloud more quickly and with increased assurance by providing automated conversion of on-premise database structures to comparable Microsoft SQL Azure designs.

Collaboration through data models 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, both on-premise and in the cloud.

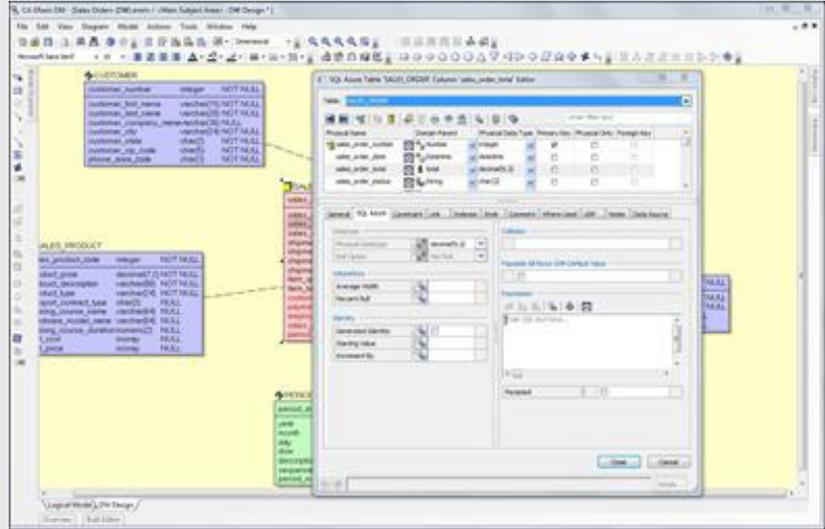
Related Products/Solutions

CA ERwin® Data Modeler Standard Edition single-user platform to create and edit data models

CA ERwin® Data Modeler Workgroup Edition collaborative data modeling environment for teams

For more information, please visit erwin.com 

CA ERwin Data Modeler for Microsoft SQL Azure helps you design and manage your MS SQL Azure database environment, while integrating with existing on-premise database platforms.



CA ERwin® Data Modeler Navigator Edition read-only access to data models

CA ERwin® Data Modeler Community Edition free version with 25 object limit

CA ERwin® Safyr Option¹ metadata management and model creation for ERP systems

CA ERwin® Web Portal web-based interface to share metadata with a wide range of users

Supported Environments

CA ERwin Data Modeler for Microsoft SQL Azure runs in the following environments:

- Windows XP
- Windows 2003 and 2008 Server
- Windows Vista
- Windows 7
- Windows 8

The stand-alone version of CA ERwin Data Modeler for Microsoft SQL Azure supports

the following database environments, in addition to MS SQL Azure, with a limit of 25 objects. Note that there is no limit to the number of objects managed for the MS SQL Azure platform.

- DB2 UDB
- Oracle
- MySQL
- SQL Server
- ODBC
- Sybase

If CA ERwin Data Modeler for Microsoft SQL Azure is purchased as an add-on to the CA ERwin Data Modeler Standard or Workgroup Edition, the following database platforms are available, with an unlimited number of objects, in addition to Microsoft SQL Azure.

- DB2, including DB2 for i5/OS (System i)
- IDS (Informix)
- MySQL
- ODBC
- Oracle
- Progress
- SQL Server
- Sybase
- Sybase IQ
- Teradata

Agility Made Possible: The CA Technologies Advantage

CA Technologies is an IT management software and solutions company with a deep expertise across all environments—from mainframe and distributed, to virtual and cloud. For more than 30 years CA Technologies has helped customers transform the highly complex ‘silos’ that characterize vertically disparate IT functions. CA ERwin Modeling helps customers manage information from these silos and create a centralized, visual roadmap of their information assets. CA ERwin Modeling helps increase efficiency through reuse and standards while enabling increased data quality and cost savings through a unified view of strategic data assets.

¹ Safyr is a registered trademark of Silwood Technology