

# CA ERwin® Saphir\* Option

CA ERWIN® SAPHIR OPTION ALLOWS YOU TO EXTRACT METADATA FROM A WIDE RANGE OF ERP SYSTEMS AND CONVERT THEIR PROPRIETARY DATA DICTIONARIES INTO INTUITIVE CA ERWIN DATA MODELER MODELS. THIS HELPS YOU UNDERSTAND THE DATA STRUCTURES AND DEFINITIONS WITHIN THESE ERP SYSTEMS, ALLOWING YOU TO TAKE CONTROL OF YOUR DATA MANAGEMENT PROJECTS AND LEVERAGE YOUR STRATEGIC INFORMATION ASSETS.

## CHALLENGES

Enterprise resource planning (ERP) systems are mission critical to most organizations. Organizations can gain operational and strategic benefits by integrating key ERP data with other business systems. However, there are challenges to overcome before any benefits can be realized. Extracting ERP data requires in-depth knowledge of complex structures and understanding the complex structure of ERP systems is complicated by the technical code names used. If these challenges are overcome an organization can successfully achieve meaningful ERP data integration.

## PRODUCT INFO

CA ERwin Saphir Option extracts metadata from a variety of ERP applications. It enables organizations to search, browse, analyze and subset complex ERP data structures prior to creating CA ERwin Data Modeler models. By using CA ERwin Saphir Option, we can better understand and leverage ERP metadata to reduce the time, effort and costs associated with ERP data discovery, stakeholder collaboration and integration of strategic information assets.

## BENEFITS

CA ERwin has the unique ability to deliver an integrated ERP / data modeling solution for your organization. This high powered combination of products facilitates a detailed awareness and absolute command of your strategic ERP data. CA ERwin Saphir Option empowers organizations to leverage their ERP data for successful business intelligence, data warehousing, MDM (Master Data Management) and other key data integration initiatives.

## Key Features

Any project that involves accessing data from large ERP packages will need an understanding of the data structures involved. Normally, the personnel in such projects do not have the specialist knowledge of these applications and are reliant on scarce and expensive resources outside the project team to give them that knowledge. CA ERwin Saphir Option reduces this dependency on external resources by providing such projects with an exploration technology for Enterprise Applications. CA ERwin Saphir Option also stores a copy of the extracted metadata in its own repository, and once this repository is populated, there is no need to access the 'source' system for day-to-day use of these structures.

CA ERwin Saphir Option recognizes and reveals any customization made to the standard 'reference model' delivered by the ERP vendor. A 'Model Comparison' feature provides a simple yet powerful means to identify changes between two different releases or two different implementations of the application. The CA ERwin Saphir Option CASE tool interface automatically creates CA ERwin Data Modeler models that provide a unique perspective of the complexities of these key Enterprise Applications.

**METADATA MANAGEMENT** CA ERwin Saphir Option provides a complete and accurate inventory of the data structures in ERP systems. This inventory helps with data integration efforts, eliminates troublesome duplication, and keeps control of changes made from the standard system.

**REVERSE ENGINEERING** Using automatic reverse engineering capabilities, you can easily explore metadata from enterprise applications without the need for specialist application knowledge or interpretation. This automated extraction saves substantial time and money in extracting metadata and reduces dependence on application providers.

**RELATIONSHIP MAPPING AND NAVIGATION** See how tables are related to each other or the ERP application, as well as which tables have 'parent' and 'child' relationships. Easily navigate through the data structures and leverage these relationships to create and manage subsets of metadata that can be loaded into CA ERwin Data Modeler.

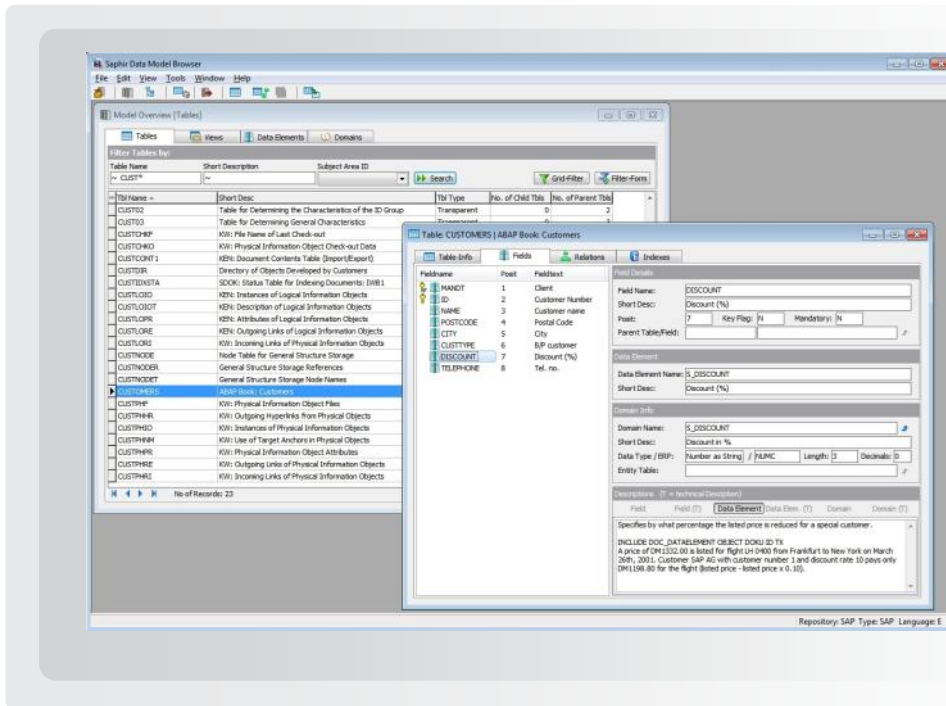
**SEARCH AND BROWSING** CA ERwin Saphir Option provide a complete and easy-to-use metadata discovery and browsing environment. This interface provides capabilities such as: keyword search, object filtering, metadata drill-down and drill-across, hierarchical navigation, automated inference of undefined relationships and generation of ERP application statistics.

**MODEL COMPARISON** Model comparison allows you to understand the differences between a standard or reference version of an ERP application and a previous version of the same or a customized version that has been installed. This function lets you see the differences between implementations in different locations.

**ENTERPRISE INFORMATION MANAGEMENT** CA ERwin Saphir Option and CA ERwin Data Modeler together enable metadata from enterprise applications to be transformed and shared across the entire organization's information management landscape. Organizations benefit from centralized management of their metadata assets, such as improved application integration, enhanced quality, increased productivity and reduced maintenance costs.

**SEPARATE STORAGE AND BROWSING ENVIRONMENT** With CA ERwin Saphir Option, you do not require constant ERP system access so that analysis of data models has no impact on system performance. You are able to maintain control of data models, independent from application specialists.

**MULTIPLE ERP SUPPORT** CA ERwin Saphir Option works with a wide variety of ERP systems including: SAP/SAP BW, Oracle PeopleSoft Enterprise, Oracle JD Edwards EnterpriseOne, Oracle e-Business Suite and Oracle Siebel on both standard and customized systems.



*CA ERwin Saphir Option helps you discover, browse and navigate the complex data structures inherent in ERP applications.*

## Benefits

Any project that involves integrating data from ERP applications requires an understanding of the underlying data structures involved. Normally, project team personnel in such projects do not have the in-depth knowledge of these applications and therefore are reliant on scarce and expensive resources outside the project team. CA Saphir Option eliminates any dependency on external resources by providing project teams with technology that provides a unique view of the complexities of an organization's strategic ERP applications.

CA Saphir Option's capability to automate the generation of native CA ERwin Data Modeler models facilitates integration of ERP application metadata with all other metadata sources throughout the organization, and provides a visual design of ERP data assets. Organizations that employ data modeling benefit from higher return-on-investment (ROI), reduced risk due to fewer defects and improved resource consumption across the information management life cycle, and CA ERwin Saphir Option allows you to leverage this benefit for you ERP systems as well.

## The CA ERwin Advantage

CA ERwin has been the trusted name in modeling for over 20 years. With enterprise-class functionality at an affordable price, CA ERwin allows you to reduce the time and cost spent managing your complex database environments. Powerful visualization features and the ability to personalize your environment to suit your individual needs, gives you ease of use combined with enterprise-class data management functionality for traditional database sources, as well as complex ERP environments.

## Supported Platforms

CA ERwin Saphir Option is a Windows-based application that supports the following ERP applications:

- SAP version 3.1 and above
- SAP Business Warehouse (BW) version 2.2 and above
- Oracle E-Business Suite version 11 and above
- Oracle PeopleSoft Enterprise applications from Version 8 and above
- Oracle J.D.Edwards EnterpriseOne Xe and above
- Oracle Siebel version 6.5 and above

CA ERwin Saphir Option repository hosts are supported in the following database environments and requires appropriate client connectivity software (e.g. Oracle Net 9) for connection to a Saphir Repository database.:

- Oracle
- Microsoft SQL Server
- Sybase SQL Anywhere
- IBM DB2

## Next Steps

To learn more – and for a free trial download – visit [www.erwin.com](http://www.erwin.com). For a local reseller near you, visit [www.erwin.com/resellers](http://www.erwin.com/resellers)

\*Saphir is a trademark of Silwood Technology Ltd.

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

Copyright © 2010 CA All rights reserved. All trademarks, trade names, service marks and logos referenced herein belong to their respective companies. This document is for your informational purposes only. To the extent permitted by applicable law, CA provides this document "As Is" without warranty of any kind, including, without limitation, any implied warranties of merchantability or fitness for a particular purpose, or noninfringement. In no event will CA be liable for any loss or damage, direct or indirect, from the use of this document, including, without limitation, lost profits, business interruption, goodwill or lost data, even if CA is expressly advised of such damages.