



**Hello Readers**

Finally, the day has arrived. CA has officially launched ERwin R8.2 and its supporting products.

In this release Sandhill Consultants believe that several items will be of interest to the ERwin User Community.

In the following pages you will find an overview of the key features of each of the announcements.

Users have been waiting for R8.2 to arrive and we believe that if you are on V7.x, that you should now consider installing ERwin R8.2 and testing it out for a migration.

As always Sandhill Consultants are here to help our clients with questions, advice, education and services on upgrading to the latest version of ERwin.

Our education has been upgraded to R8.2, and with our one day upgrade class to R8 still available, there is no better time to leverage our training as you roll out ERwin R8.2

Watch out for local events that we will be partnering with CA, to present CA ERwin 8.2 and the CA ERwin Web Portal.

The latest versions of ERwin are: V7.3.11 and V8.2. If you would like a copy of these builds and you are on maintenance, please let us know.

Regards

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**CA Released ERwin R8.2:**

By Sandhill Consultants

Feb 1: CA Technologies today announced the release of CA ERwin R8. 2 : [Click here to view CA's press release.](#)

Within CA ERwin R8.2 there are a couple of major supporting products that deliver on what ERwin clients have been asking for. These include:

R8.2 Updates	R8.2 Key Features
	In addition to the features that were added in R8.0 and R8.1. CA has provided the following enhancements in R8.2 <ul style="list-style-type: none"> <li>- Enhancements and fixes to R8.1</li> <li>- Licensing Enhancements</li> <li>- Concurrent Licensing offerings</li> <li>- Active Model Templates (New Feature)</li> <li>- Metadata Bridges updated</li> <li>- Enhancements for Diagrams</li> <li>- CA ERwin Fixes</li> </ul>
	CA are also launching an additional Target Server Database from Microsoft called SQL Azure. Also to be known as ERwin for the Cloud. <ul style="list-style-type: none"> <li>- SQL Azure helps you Design and Manager your MS SQL Azure database environment</li> <li>- Simplifies Cloud-Based Database Design</li> <li>- Facilitates the migration of on-premise database structures to SQL Azure</li> <li>- ERwin provides a single data modeling environment to manage structures</li> </ul>
	The product that is getting most of the reviews is the <a href="#">CA ERwin Web Portal</a> : A way to visualize and communicate ERwin Metadata to a wider audience <ul style="list-style-type: none"> <li>- Diagram Visualization</li> <li>- Graphical Impact Analysis</li> <li>- Data Lineage</li> <li>- Internet Style keyword search</li> <li>- Easy to use Interface</li> </ul>

Over the next few pages we will be exploring more of these offerings and what they offer existing clients under maintenance.

In addition, Sandhill will be working with CA to host on-site events in several cities and will also be hosting a technical update webcast for our clients in the near future.

Since there is so much to cover in CA ERwin 8.2, we will hold our special announcement to our next newsletter

## Release R8.2 updates:

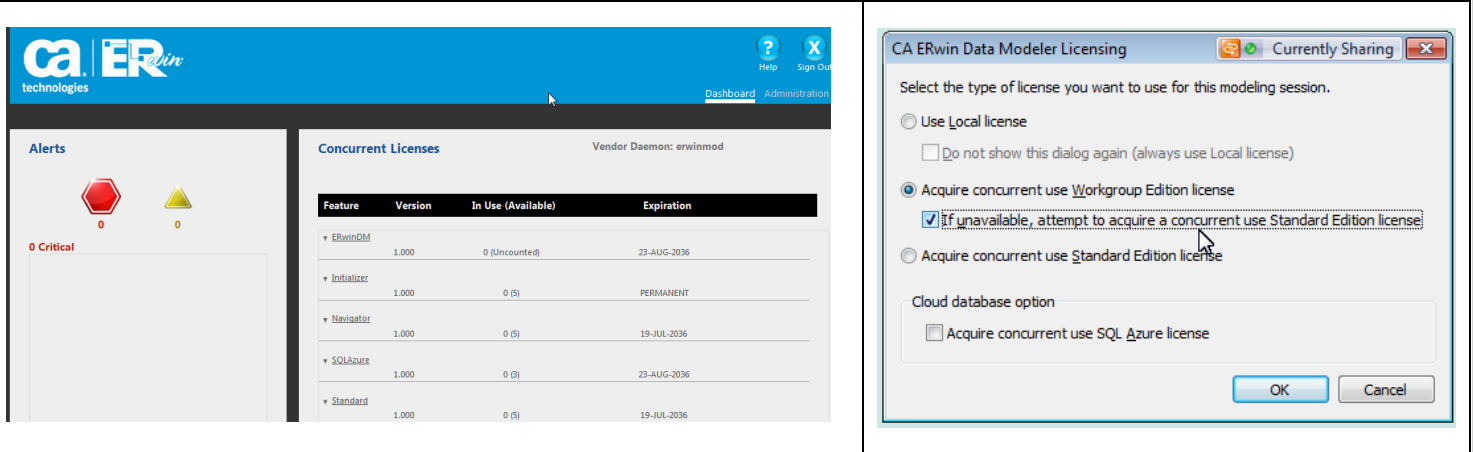
In R8.2 there are several key items to review.

### Licensing Enhancements: (Concurrent Licensing Model):

As most clients know, in V7.x (and before) your ERwin license key was a 25 digit key that could be applied to one or more PC's. This led to the possibility of accidentally having more ERwin licenses installed than actually were under contract. In V8, CA introduced a new licensing program. One based on a physical MAC Id. I.E. Each ERwin license must now be aligned to a MAC id.

In CA ERwin R8.2, CA now has the capability to offer concurrent licensing. This is where a CA ERwin license is created for a server within your environment. With this license you can then access CA ERwin Data Modeler from any computer that is on the same network. The license is checked in and out from the license server as needed. You can have both local and concurrent licenses within your environment. (However only one type of license can be used per pc)

Below is a screen shot of the dashboard, where you can control your concurrent licenses. If you are interested in learning more about concurrent licensing please contact your local Sandhill Representative

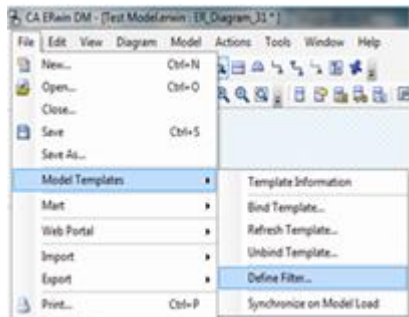



The image shows two screenshots. The left screenshot is the CA ERwin dashboard, displaying 'Alerts' (0 Critical) and 'Concurrent Licenses' for 'Vendor Daemon: erwinmod'. A table lists features like ERwinDM, Initialize, Navigator, SQLAzure, and Standard, showing their versions, in-use counts, and expiration dates. The right screenshot is the 'CA ERwin Data Modeler Licensing' dialog box, which allows users to select a license type: 'Use Local license', 'Acquire concurrent use Workgroup Edition license', 'Acquire concurrent use Standard Edition license' (selected), or 'Acquire concurrent use SQL Azure license'. A checkbox option is checked: 'If unavailable, attempt to acquire a concurrent use Standard Edition license'.

### Active Model Templates:

This is a new feature to ERwin R8.2. One that Sandhill believes will be of great use to the ERwin community. The premise behind Active Model Templates (AMT) is that they were added to CA ERwin to facilitate easier and consistent creation and maintenance of data models.

You bind an AMT to a data model and copy in (via a wizard) non built-in objects from the template model to your target model. Binding of AMT to data models can be done during model creation or more importantly after the model is created. We noted the key features below:

Key Features of Active Model Templates	Active Model Template	Define Filter Type
Bind, unbind and rebind model template Detection of model template changes Filtering of template objects Importing new template objects Synchronization of model objects Template removal Reporting on Templates		

### Metadata Bridges Updated:

Metadata Bridges have been updated (you can access the bridges when you click "Import, From External Format" or "Export, to External Format" on the File menu. Most of the changes are around Oracle and SAP NetWeaver.

### Enhancements for Diagrams:

CA have enhanced diagrams to include the ability to browse through a diagram horizontally or vertically by holding the middle of the mouse button. In addition you can zoom in or out by holding the ctrl key and using the mouse wheel (Ctrl + Scroll)

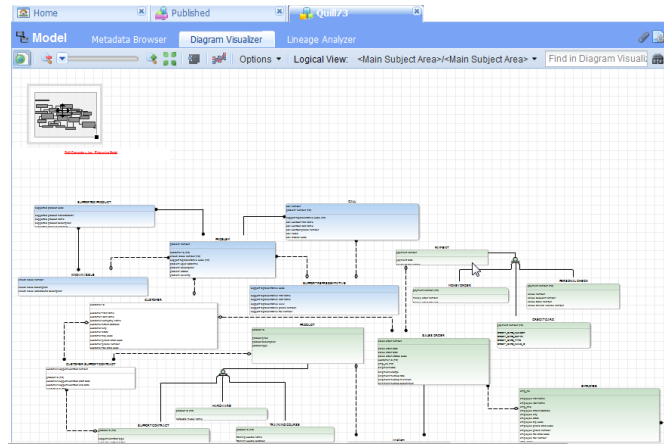
## CA ERwin Web Portal:

One of the most important additional add-ons to CA ERwin tool set is that of the [CA ERwin Web Portal](#). Over 2 years in the making, and one of CA's best kept secrets. The CA Erwin Web portal provides a visual, easy to use interface to provide ERwin's metadata to both business and technical users alike.

Below are just some of the key features that we believe will be of interest to the data management community at large.

### Visual image

#### Visualization of ERwin Metadata



### Key Features and Benefits:

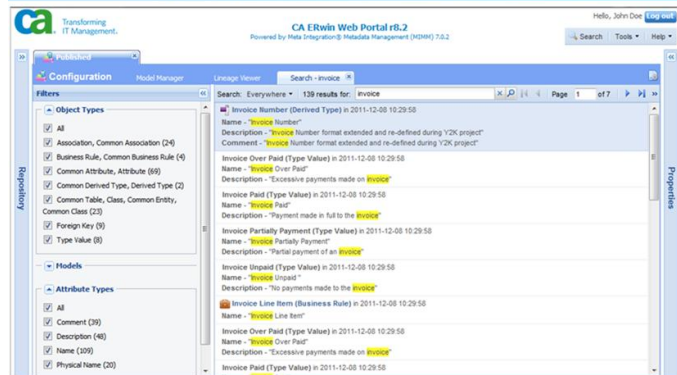
#### Diagram Visualization:

They say a picture is worth a thousand words, and with CA's ERwin Web Portal, you can easily import your ERwin meta data, (From either a single Model or Model Mart) and render them in various formats such as IE, UML, IDEF and more.

Users have the ability to perform "What-If" analysis from these diagrams, and drill-down capabilities into textual metadata details to uncover definitions, data structures, related queries and more.

### Internet-style keyword search

#### CA ERwin Web Portal Internet-style Keyword Search



### Internet-Style Keyword Search:

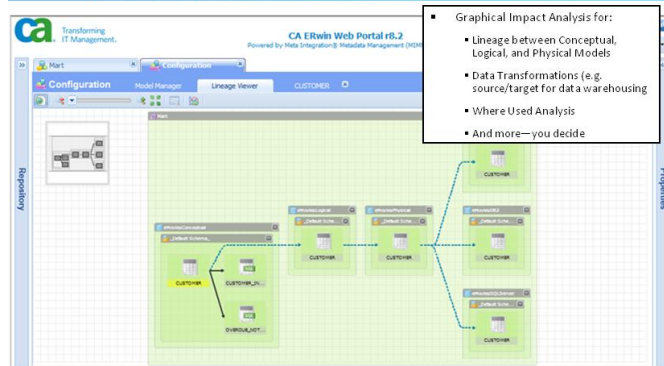
Like many search engines on the internet, CA ERwin Portal allows users to perform single / multiple keyword searches to discover data assets that are related to the metadata that you import from ERwin Data Models. These searches "queries" can be memorized as links "URLs" that can be sent to users for further analysis.

CA ERwin Web Portal, contains a variety of flexible interfaces to facilitate browsing, lineage and drilldown capabilities including a dynamic tree expansion, dynamic menus on objects, link navigator between objects and graphical visualization options.

Filtering is a common requirement and users can filter on several items in combination, "From Object Types", to "Models to Attribute Types". The search dialog will display the results once the filter has been applied.

### Data Lineage and Graphical Impact Analysis

#### CA ERwin Web Portal Graphical Impact Analysis & Lineage



### Data Lineage and Graphical Impact Analysis:

Only ERwin Web Portal has the ability to graphically display the inter-relationships between data assets that are a key part of the value of a data model.

These inter-relationships can be displayed graphically, using the Lineage Analyzer part of the CA ERwin Web Portal. Uncover what tables are used by a given query, or what columns are used by a domain, how conceptual, logical and physical models interrelate. CA ERwin Web Portal contains additional ways to analysis and assess the impact of change in the organization.

## CA ERwin Portal Continued...

CA ERwin Web Portal transforms the CA ERwin Data Model into a web 2.0 based Portal that allows users to publish and analyze client's data and business models. It provides two separate interfaces, one appropriate for metadata administration and management and one for business / IT Users for metadata exploration.

From an administrative perspective, administrators can designate who has the authority to upload models and how often the frequency should be. Administrators can also determine what should get published, when and in what state. There is total flexibility in determining how much a business / technical end user can see.

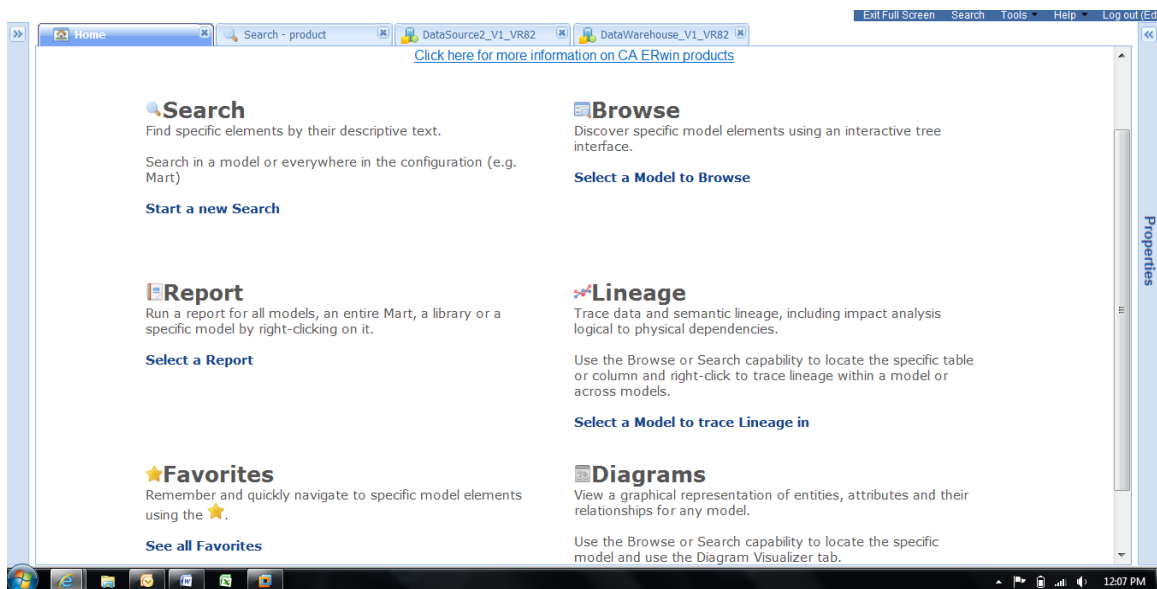
CA's ERwin web portal comes in both an Enterprise and Standard Edition. The Standard Edition is ideal for smaller organizations (1-50 Users) who are looking for ease of configuration and set up. The Enterprise edition supports a larger number (25 - 1000 plus) of users and provides advanced customization options.

Administrators on the Enterprise edition will have the ability to customize all of the following features:

- Portal Users (Yes you can leverage LDAP)
- Roles
- Attributes
- schedules
- System maintenance
- Web Portal Repository administration
  - Folders – Storage for Models
  - Models – An Erwin Data model or collection of models
  - Configuration – A pre-configure list of folder and models

For publication purpose a Model or Models are published into a configuration, and the configuration is then published for consumption.

Once the CA ERwin Portal is installed and models are published, users will be able to access some or all of the following functionality, depending on how the administrator has configured the CA ERwin Web Portal:



### Reporting from the Portal:

While the CA ERwin Portal is a tool that can provide near real time updates, its primary purpose is for communication among the various users who have a responsibility for and to the data. In a few cases there may be the need to produce some kind of report from the Portal.

While interactive links can be sent, the CA ERwin Portal also supports HTML Based reporting for the following areas:

- Business Rules
- Data Model Logical Only/ Physical Only/ Logical/Physical Data Dictionary
- Data Movement Tables
- Dimensional Model Table

Sandhill sees this as an important step in allowing the Data Modeling team take control of the Data and be the providers of metadata to the IT Community.

If you are interested in learning more about CA's ERwin Web portal, please contact your local Sandhill Representative.