GUIDE

erwin Data Modeler

Installation Guide 15.0



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Contact erwin

Understanding your Support

Review support maintenance programs and offerings.

Registering for Support

Access the erwin support site and register for product support.

Accessing Technical Support

For your convenience, erwin provides easy access to "One Stop" support for all editions of erwin Data Modeler, and includes the following:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- erwin Support policies and guidelines
- Other helpful resources appropriate for your product

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erwin Product References

This document references the following products:

- erwin® Data Modeler Standard Edition
- erwin® Data Modeler Workgroup Edition
- erwin® Data Modeler Navigator Edition

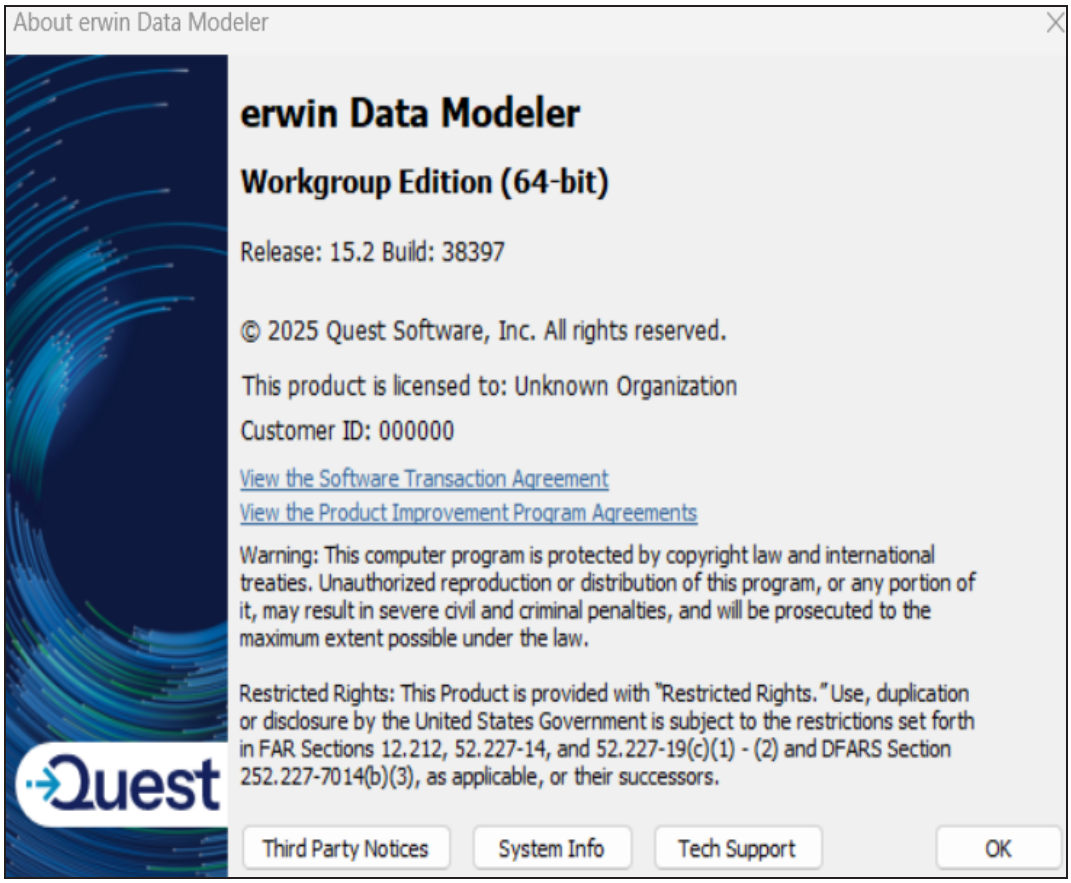
Prerequisites

Review the following prerequisites and information before installing erwin Data Modeler (erwin DM):

- Supported Target Databases
- erwin Data Modeler Workgroup Edition Requirements
- erwin Data Modeler Navigator Edition Requirements

Release Numbering Scheme in erwin Data Modeler

Information about the release is displayed in the *About erwin Data Modeler* dialog using the following release numbering scheme:



Release indicates the main (GA) release number and the second number (if available) indicates the patch or service pack number of the main release. Build indicates the build number of the product. For example, "Release: 15.2 Build: 38397" on the above screen indicates Release 15.2, Build 38397.

Supported Target Databases

erwin Data Modeler (erwin DM) supports or is compatible with the following databases and APIs:

Database Name	Type	Version	Notes
AlloyDB	Relational	1.1	
ArangoDB	NoSQL	3.x	
Avro	Big Data	1.x	
Amazon Key-spaces	NoSQL		
Azure Syn-apse	Big Data	SQL Pool Fabric Lakehouse	
Cassandra	NoSQL	3.x/4.x	
Couchbase	NoSQL	6.x 7.x	
Databricks	Big Data		
Db2 for i	Relational	5.x/6.x/7.x	
Db2 LUW	Relational	9.5 9.7/10.x 11.1/11.5	
Db2 z/OS	Relational	8.1 9.1/10/11 12/13	
DynamoDB	NoSQL		
Google BigQuery	Big Data		

Supported Target Databases

Database Name	Type	Version	Notes
Hive	Big Data	2.1.x	Refer to the Limitations in Hive topic.
Informix	Relational	10.x/11.x/12.x	
JSON	Big Data	1.x	
MariaDB	Relational	10.4.x	
MongoDB	NoSQL	4.x 5.x 6.x 7.x 8.x	MongoDB 7.x and 8.x are certified.
MySQL	Relational	8.x	MySQL 8.0.23 is certified for Amazon Aurora.
Neo4j	NoSQL	4.2.x 4.3.x/4.4.x	
Netezza	Relational	7.2	
ODBC	Relational	2.x 3.x	
OpenAPI	API	3.x	Supports only Physical modeling
Oracle	Relational	12c r2 18c 19c 21c	Oracle 26ai is certified.
Parquet	Big Data	2.x	
Progress	Relational	9.x/10.x/11.x	The erwin Data Modeler 64-bit version is not verified for the Progress 9.x/10.x database.

Supported Target Databases

Database Name	Type	Version	Notes
PostgreSQL	Relational	12.x/13.x/14.x/15.x 16.x	PostgreSQL 16.2 is certified. PostgreSQL 11.8 is certified for Amazon Aurora.
Redshift	Relational	1.0	
SAP ASE	Relational	15.x/16	
SAP IQ	Relational	15.x/16	
SAS	Relational		
SQL Server	Relational	2012 2014 2016/2017 2019/2022 Azure	
Snowflake	Relational		
Teradata	Relational	14.10 15.x/16.x 17.x/20.x	

Limitations in Hive

The following list summarizes the limitations in pure Hive (connection to Hive database directly):

- Reverse engineering from database processing is slow due to the absence of system tables. The required information is retrieved by manual parsing methods instead of a query language.
- User-defined functions are not supported.
- Retrieval of version information using the Hive command is not supported.
- A few index properties, such as deferred rebuild option, idxProperties, and Null Defined As are not supported.

erwin Data Modeler Workgroup Edition Requirements

If you plan to use erwin Data Modeler Workgroup Edition, review the following requirements to ensure your workgroup environment is set up properly.

More information:

Administrator Server System Requirements
DBMS Requirements
Client Workstation Requirements

Administrator Server System Requirements

The disk space required for the administrative files used to create and manage the database is separate from the disk space required to accommodate models on the server where the database is located. Greater CPU speed, and more RAM and disk space result in better performance.

DBMS Requirements

Before you install erwin Data Modeler to use a Mart Portal in a workgroup environment, ensure that you are using a supported DBMS as your host server. This release supports the following host DBMSs:

Database	Versions	Additional Details
Oracle	18c, 19c, 21c, and Oracle Cloud	
PostgreSQL	12.x, 13.x, 14.x, 15.x, and 16.x	You can also use PostgreSQL for Amazon RDS.
SQL Server	Microsoft SQL Server 2017, 2019, 2022, and 2025	You can also use Microsoft SQL Azure and Amazon RDS SQL Server.

To create, update, or delete a mart in erwin Data Modeler Workgroup Edition, you must have the following database rights:

- Microsoft SQL Server 2017, 2019, 2022, and 2026 you must be the database owner (dbo).

  > The dbo is no longer required to have the sysadmin role. The SQL Server 2017, 2019, and 2022 TRUSTWORTHY database property is no longer required for the mart. After you install this product, you can optionally reset this property to OFF.

- For Oracle, you must be the database schema owner and have the DBA role.

Before you install Mart on the server, verify that the DBMS environment is prepared for the installation, and that the server system requirements meet at least the minimum specifications. At least one user with administrative privileges is available on the DBMS.

> The dbo role for Microsoft SQL Server is necessary only during the installation or upgrade. You can strip the installer of the dbo role after the installation or upgrade is complete.

For more information about preparing the DBMS environment, see the erwin Data Modeler Workgroup Edition Implementation and Administration Guide.

Client Workstation Requirements

You must install erwin Data Modeler on each client workstation that needs to access the Mart Portal to connect to the Mart. It is recommended that client workstations have at least 16 GB of RAM. 16 GB RAM is the basic configuration for erwin Mart Portal, and 32

GB RAM is the basic configuration for erwin Mart Portal and erwin ER360.

You can install erwin Data Modeler Navigator Edition as a client for erwin Data Modeler Workgroup Edition.

> In a workgroup environment, erwin Data Modeler can connect to the Mart Portal with the same release version.

> For macOS, please ensure that your system language is set to English before starting the installation as erwin DM supports only the English language.

erwin Data Modeler Navigator Edition Requirements

If you plan to use erwin Data Modeler Navigator Edition, review the following requirements to ensure your environment is set up properly.

Support for erwin Data Modeler Navigator Edition

erwin Data Modeler Navigator Edition is enabled for use with a mart-enabled version of erwin Data Modeler (Workgroup Edition). Consult with your mart administrator for a GUEST user permission to access models in erwin Data Modeler Workgroup Edition.

You must use a supported DBMS. This release supports the following host databases:

Database	Versions	Additional Details
Oracle	18c, 19c, 21c, and Oracle Cloud	
PostgreSQL	12.x, 13.x, 14.x, 15.x, and 16.x	You can also use PostgreSQL for Amazon RDS.
SQL Server	Microsoft SQL Server 2017, 2019, 2022, and 2025	You can also use Microsoft SQL Azure and Amazon RDS SQL Server.

Install and Upgrade Considerations for erwin Data Modeler

Consider the following factors before you install erwin Data Modeler 15.0 or upgrade from an earlier version.

Install Considerations

Before you install erwin Data Modeler on your computer, consider the following factors:

Enable .NET Framework

The Microsoft .NET Framework 4.0 is a prerequisite for erwin Data Modeler, Mart Portal, and Navigator editions. For Windows 10 and Windows Server 2012 operating system .NET Framework is installed by default but sometimes may not enabled. You must manually enable the .NET Framework before you install erwin Data Modeler for the following operating systems.

- Microsoft Windows 10 and 11
- Microsoft Windows Server 2012 R2, 2016, 2019, and 2022

> You cannot install erwin Data Modeler when .NET Framework is disabled. For macOS, ensure that you are connected to the internet for .NET framework installation.

Follow these steps:

1. Click Windows Start icon.
2. Do one of the following:
   - For Windows 10 and 11:

     Type **optionalfeatures.exe** in the Search bar and press Enter.
   - For Windows Server 2012, 2016, 2019, and 2022:

     Click Control Panel, Programs and Features, and Turn Windows features on or off.

   The Windows Features window appears.
3. Select Microsoft .NET Framework 4.0 and click OK.

   The Microsoft .NET Framework is enabled.
4. Restart the computer to configure the changes take effect.

You can now install erwin edition of your choice.

Navigator and Data Modeler Compatibility

If you want to install Navigator and Data Modeler editions on a computer, we recommend you to select the Navigator edition features from the features selection list of Data Modeler installer.

Installation Path

When you uninstall r9.8 version of erwin products manually, sometimes the installation folders are not removed from the installation directory. You must manually remove the folders from the installation directory.

> For macOS, please ensure that your system language is set to English before starting the installation as erwin DM supports only the English language.

Upgrade Considerations

You can upgrade to erwin Data Modeler 15.0 edition from an earlier version. During the upgrade process for a 64-bit version, you may encounter the following situations:

> If you want to upgrade erwin Data Modeler from an earlier 9.x version to 15.0, we recommend you to first uninstall the earlier version of erwin Data Modeler manually and then install the latest version.

erwin Model Icons

When you install or upgrade to erwin Data Modeler 15.0, sometimes the erwin Model icons may appear differently. After you open a model for the first time, all the Model icon file associations are restored and the Model icons appear normally.

Start Menu Cleanup

When you upgrade to erwin Data Modeler 15.0 from any earlier release of r9 series, erwin-related shortcuts and folders may remain in the Start menu. You may manually delete the folders and shortcuts of the delete versions from the Start Menu.

Installation Considerations for erwin Data Modeler Workgroup Edition

Review the following installation considerations before installing the product. For more information about the installation process for a workgroup environment, see the erwin Data Modeler Workgroup Edition Implementation Guide.

> For macOS, please ensure that your system language is set to English before starting the installation as erwin DM supports only the English language.

This section contains the following topics

erwin Data Modeler and Mart Release Numbers
Microsoft SQL Server 2005 onward Permissions
Specify Use of Foreign Characters With Microsoft SQL Server

erwin Data Modeler and Mart Release Numbers

You must install a Mart or must upgrade to a Mart that is of the same release number as erwin DM. For example, install or upgrade to an r9.5.0 Mart when you install or upgrade to erwin DM r9.5.0. Using different versions of erwin DM and Mart may lead to unexpected results including corruption of the Mart database or the models. Therefore, we recommend that you install the same release of the Mart and erwin DM.

Microsoft SQL Server 2005 onward Permissions

For SQL Server 2005 onward, you only need to have public assigned to save to the mart. However, when the repository is on a SQL Server 2005 or above instance, you need to have the bulkadmin permission designated as well. The ability to do bulk inserts (which was permitted by public, previously) is no longer part of the public permission. You must explicitly define this permission or when you attempt to save a model to a new mart instance created using a SQL Server 2005 or above database, an error "You do not have permission to use the bulk load statement." is returned.

Specify Use of Foreign Characters With Microsoft SQL Server

For Microsoft SQL Server modify your registry settings to have certain foreign language characters in your models recognized.

Follow these steps:

1. Click Run on the Start menu.
2. Enter *regedit*.

   The Registry Editor opens.
3. Verify or add the following registry entry:

   [HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSSQLServer\Client\DB-Lib]

   "AutoAnsiToOem"="ON"

   "UseIntlSettings"="ON"
4. Click File, Exit.

   Your configuration is set to recognize foreign language characters in your models.

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Uninstalling erwin Data Modeler Workgroup Edition

You can use the Windows uninstall utility to uninstall erwin Data Modeler. However, when you uninstall erwin Data Modeler in a workgroup environment, the mart database remains intact. To remove the database from your computer, delete the mart database first, and then uninstall erwin Data Modeler.

Installation Considerations for erwin Data Modeler Navigator Edition

Review the following installation considerations before installing the product. See the erwin Data Modeler Navigator Edition User Guide for more information about the installation process.

> For macOS, please ensure that your system language is set to English before starting the installation as erwin DM supports only the English language.

This section contains the following topics

Silent Install

Silent Install

This product does not provide an unattended or silent install.

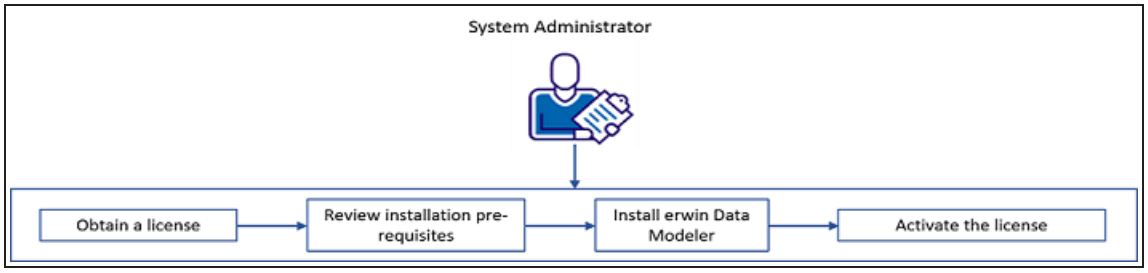
Third Party Software Acknowledgment

Following are the third-party tools used for erwin Data Modeler (erwin DM), erwin Mart Portal, and erwin ER360:

- erwin DM
  - AdoptOpenJDK 11.0.24+8.
  - JRE 11.0.27+6 LTS
  - OpenSSL 3.5.0
  - Microsoft .NET Framework 4.7.1
- erwin Mart Portal and erwin ER360:
  - Apache Server v2.4.65
  - JDK for erwin Mart Portal: 21.0.7
  - OpenSSL 3.1.0.0
  - TLS 1.3

Installing erwin Data Modeler

Once you have ensured that all the installation or upgrade considerations are in place, you can go ahead with the installation. You will need the erwin Data Modeler (DM) installer and its corresponding license. The following figure illustrates the process that you need to follow to install and start using the DM.



This section contains the following topics

Licensing
Installation

Licensing

erwin Data Modeler uses a concurrent-based software licensing service to cater to licenses for all the erwin Data Modeler editions. Multiple mechanisms and types of licenses are available, from which you can chose the one that suits your needs.

To understand the types of licenses and available mechanisms, and obtaining a suitable one, refer to the Understand Licensing topic.

For licensing information for versions 15.1 and earlier, refer to the following topics:

- Obtain and Activate a License
  - Configuring Account Based Licensing
- View or Return a License

> Starting with 15.2, erwin Data Modeler uses the Quest Licensing Portal for license management.

Quest Licensing Portal

The Quest Licensing Portal is a web-based interface that enables you to manage licenses, users, roles, and access efficiently. By default, the license purchaser is assigned the License Owner role. You can manage multiple licenses by creating an organization to group and manage them effectively. The portal enables you to view licenses in list view or use the gallery view for administrative actions, depending on your access level. You can confirm your role on the License Overview page.

Additional capabilities include:

- License activation methods
  - Online activation
  - Offline activation (long-term checkout)

  For more information about activation methods, refer to the Activate a License Using Quest Licensing Portal section.
- License Conversion

  Existing customers must convert their licenses to Quest License Portal before upgrading. For more information about converting existing licenses to the new format, refer to the Convert a License by Using the Quest Licensing Portal topic.
- Reporting and analytics

    - Event logs: Filter and export activation and deactivation events
    - Usage analytics: Track users, usage, denials, and utilization
    - Denial tracking: Monitor access denials to assess if additional seats are required
- Assigning Users

  The number of users you can assign depends on the number of seats in your license. For more information, refer to the Assign Users section.

Understand Licensing

Quest offers the following license types based on erwin Data Modeler (erwin DM) editions:

- Standard
- Workgroup
- Navigator
- API
- Trial
- Evaluation (15 days)
- Industry Reviewer (60 days, full-featured)
- Partner (365 days, full-featured)

> Academic Edition has been discontinued effective immediately. For trial, you can use the Standard Trial Edition.

Further, each edition-based license can belong to either of the following licensing models:

Concurrent

This licensing model is based on a pool of licenses shared between several users. Simultaneous access to the erwin DM is available to as many users as the number of allowed users on a concurrent license. For example, if you have a ten-user concurrent license, ten users can access erwin DM at a time using the license. Therefore, if an eleventh user tries to use erwin DM, access is denied.

Node-locked

This licensing mechanism uses your device ID and user account to let you use the license and grant access to the erwin DM. Such licenses cannot be shared between users on different devices unless a user returns the license. However, there is a restriction on the number of times you can return a node-locked license. If you are unable to return your license, submit a request to Quest Support.

Both the above licensing models support Account-based Licensing (ABL). This licensing model is based on the credential-based login-and-use mechanism. Under this model, a single concurrent license is shared between multiple users within a group.

ABL enables you to manage your licenses by using the End User Portal (EUP) for versions 15.1 and earlier and the Quest Licensing Portal for versions 15.2 and later. For erwin DM users, it eliminates the dependency on license codes.

For information about setting up Account Based Licensing for your organization for versions 15.1 and earlier, refer to the Configuring Account Based Licensing topic. And for 15.2 and later, refer to following topics:

- Activate a License Using Quest Licensing Portal
- Convert License Using Quest Licensing Portal

To activate licenses, use either of the following mechanisms:

Online

This method connects to the licensing service over the Internet. The licensing service then validates and activates the license code that you entered.

Offline

This method uses a multi-step activation process as follows:

1. User generates an activation certificate and sends it to the license administrator.
2. License administrator generates a license certificate and sends it to the user.
3. User imports the license certificate to activate the license code.

Each license comes with a maintenance period. Along with the product, a year of support is included. Any product updates that are released during the registered maintenance/support period are made available. Once the maintenance/support period is over, you need to renew the maintenance plan to be able to receive updates and support. To keep a track of the maintenance period, erwin DM lets you set a maintenance expiration reminder.

> Your license administrator needs to ensure that the Maintenance End Date is set. Else, your license will fail.

For each type of license, you can implement usage restriction based on network domain name or subnet IP.

Obtain a License

To obtain a license contact erwin Support by telephone or the web licensing form, or contact your license administrator. Provide the required information to submit a license request. Once the request is verified, you will receive a license code. Ensure that you keep a note of the license code. To use erwin Data Modeler (DM) using this license code, you first need to install the DM and activate the license code.

> Starting with 15.2, erwin Data Modeler uses the Quest Licensing Portal for license management.

If you are an existing license user of versions 15.1 and earlier and want to move to the Account Based Licensing Model, refer to the Configuring Account Based Licensing topic.

> Ensure that Microsoft Visual C++ 2017 Redistributable is installed on your system. If you are unable to install Microsoft Visual C++ 2017 Redistributable on your operating system, upgrade the operating system.

To understand how to install the DM and activate the license code, refer to the Installation topic.

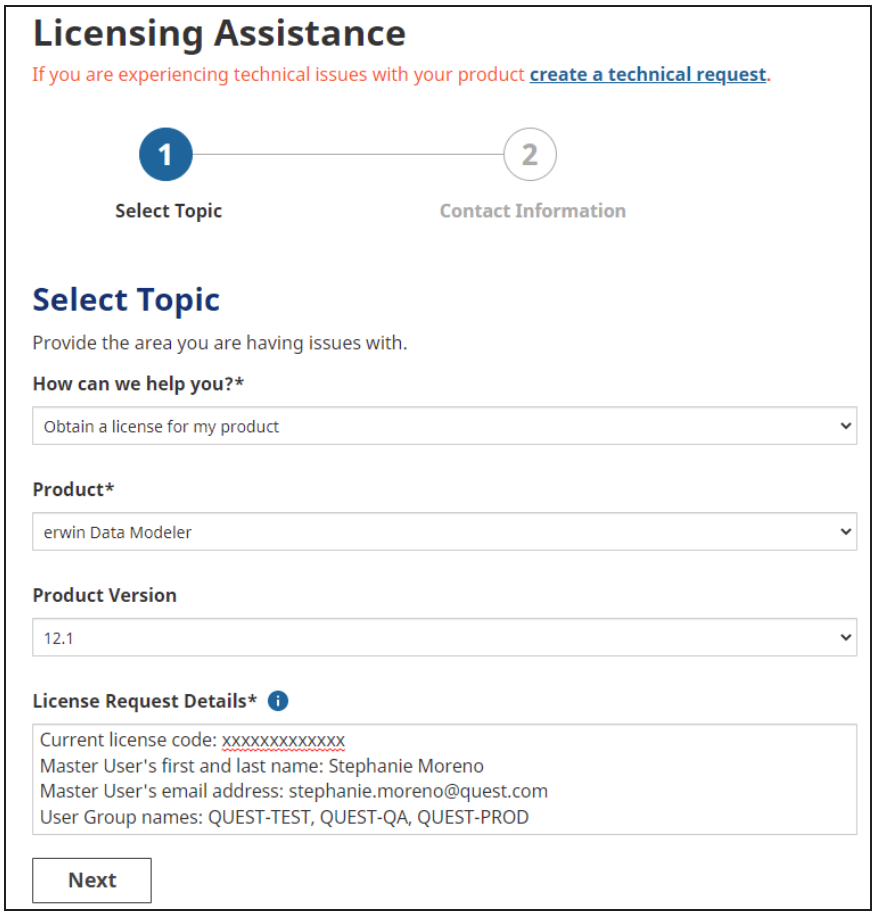
Configuring Account Based Licensing

To apply for Account Based Licensing or to move from the concurrent license model to account-based license model, follow these steps:

1. Open the web licensing form.
2. In the **How can we help you?** list, select **Obtain a license for my product**.
3. In the **Product** list, select **erwin Data Modeler**.
4. Select the appropriate **Product Version**.
5. In the **License Request Details** field, provide the following information:
    a. Current license code (if applicable)
    b. Master User's first and last name
    c. Master User's email address

d. User Group names (limited to 50 characters)
For example, QUEST-TEST, QUEST-QA, and QUEST-PROD.

> Ensure that you do not use reserved special characters for XML and JSON in User Group names. Master Group Name is system-generated in the MASTER ADMINS (<Account Name>) format. For example, MASTER ADMINS (QUEST).



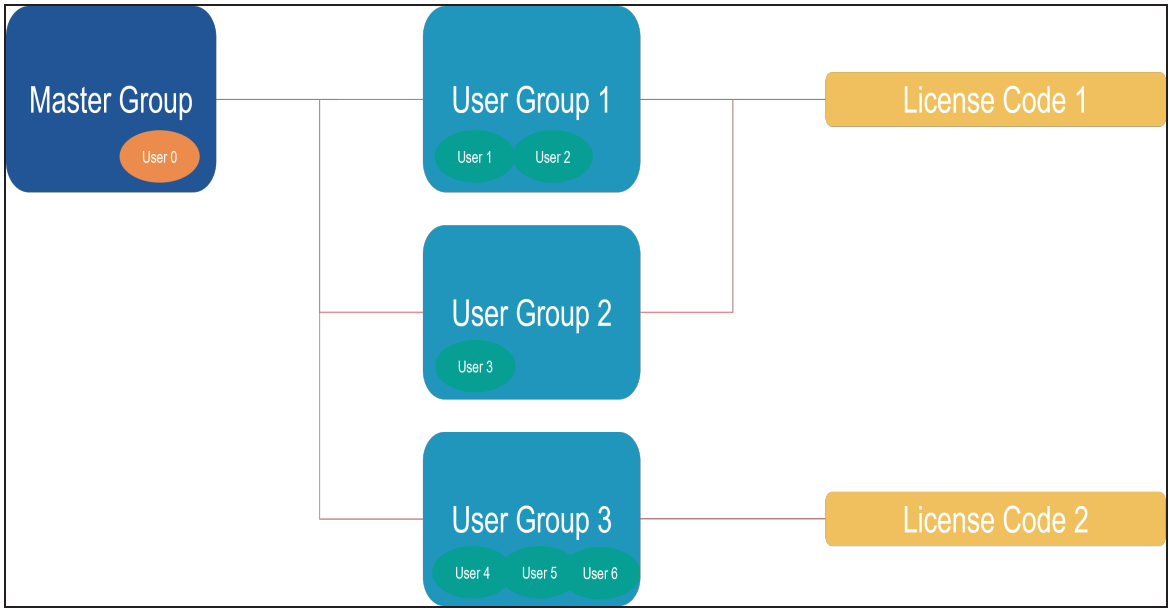
6. Click **Next**.
7. Complete your support profile and add your contact and license information.
8. Click **Submit Request**.
The erwin Licensing team reviews your request and contacts you for further information required to configure account-based licensing. For more information, refer to the Master Group, Master User, and User Groups topic.

Master Group, Master User, and User Groups

The primary components of Account Based Licensing (ABL) are:

- **Groups**: Each organization has a Master Group and multiple User Groups (Standard Groups). Groups are created by the erwin Licensing team during ABL configuration.
- **Users**: There are three user types, Master User, Administrator, and Standard User. Each organization has one master user under the master group, one administrator, and one or more standard users under user groups.
- **License Code**: Each organization has one or more license codes that are assigned to each user group. This is managed by the erwin Licensing team during ABL configuration.

The following diagram explains the components and their hierarchy in the licensing model.



Once your license request is verified, the erwin Licensing team contacts you for the following information:

- **Master User and Master Group**:
  Provide the email address and name of the designated master user. This user will be your in-house license administrator and must belong to a department that does not use erwin Data Modeler (erwin DM). For example, someone from the administration or purchase department.
  Also, provide a name for your master group. For example, your organization's name. A

master group is the parent group for all user groups in your organization.

> Master Group Name is system-generated in the MASTER ADMINS (<Account Name>) format. For example, MASTER ADMINS (QUEST). Each organization can have only one master group and master user.

- **User Groups**:

  Provide the number and names of the user groups that would use erwin DM. For example, Data Modelers, Developers, and Testers.

  > Ensure that you do not use reserved special characters for XML and JSON in User Group names.

Based on this information, erwin's Licensing team sets up ABL for you and shares the following information with the designated master user:

- End User Portal (EUP) URL
- Master user's EUP credentials

Once the above information is available to the master user, they can add users to user groups. For more information, refer to the Adding Users to User Groups topic.

Adding Users to User Groups

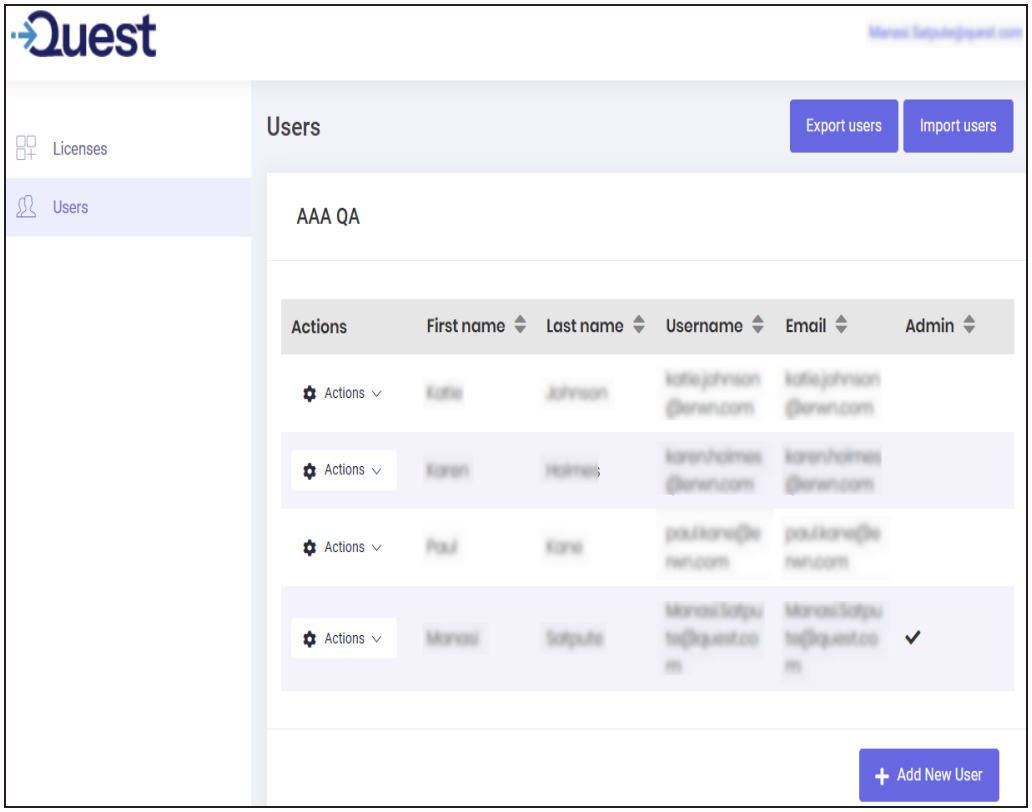
Once account-based licensing is set up for an organization, the designated master user or an administrator user creates and adds application users to user groups via the End User Portal (EUP).

Application users can be of two types:

- **Administrators**: These users can manage other users in the user groups as well as use erwin Data Modeler (erwin DM).
- **Standard users**: These users can only use their credentials to log on and use erwin DM.

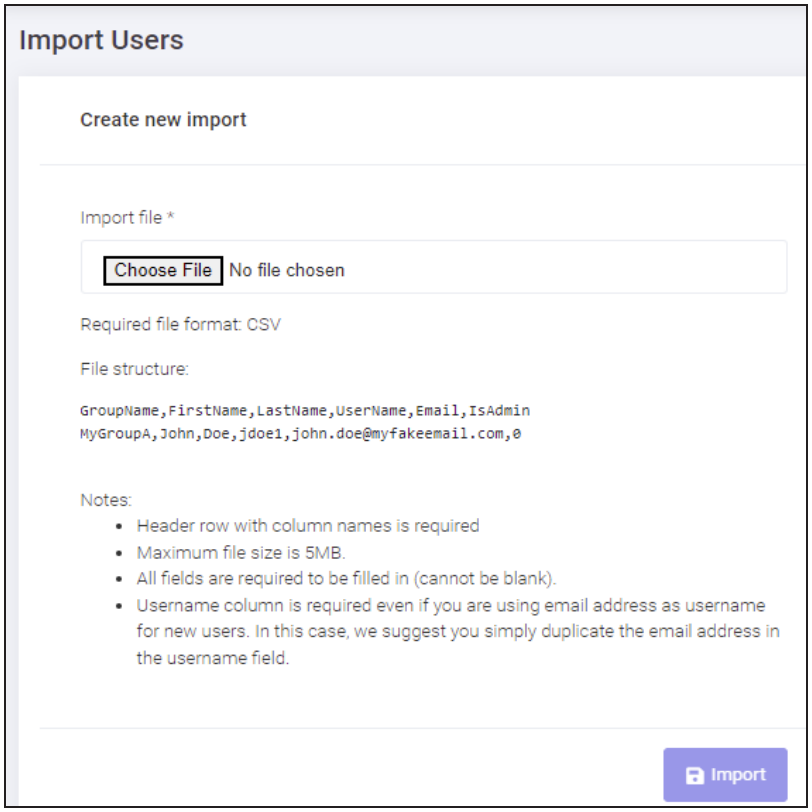
To add users, follow these steps:

1. Log on to the EUP (eup-erwin.quest.com) using your master user or administrator user credentials.
2. In the left pane, click **Users**.

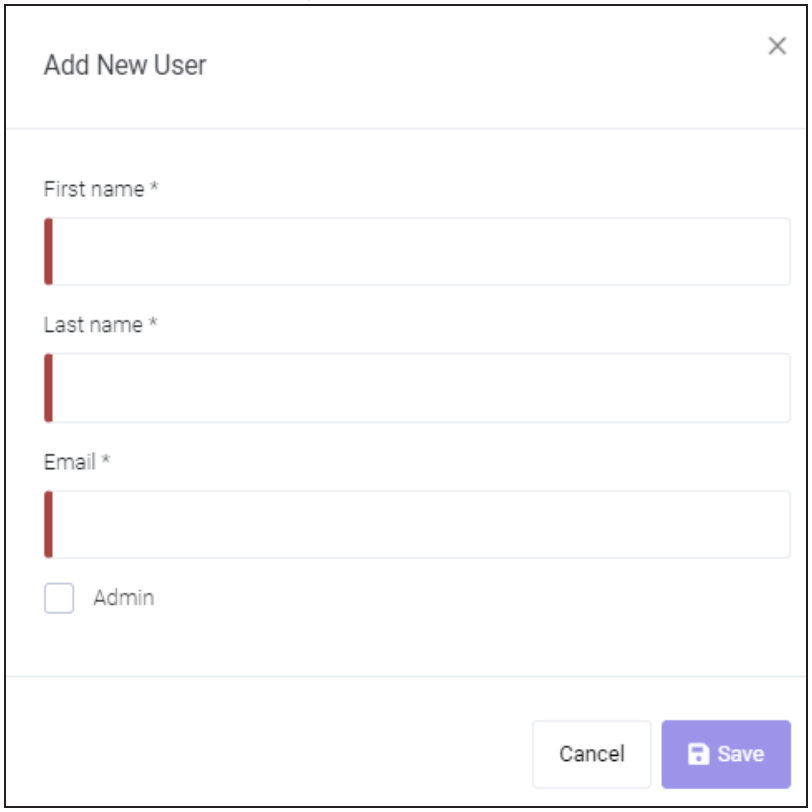


3. Do one of the following:

- Click **Import users** to import a list of users via a CSV file. Then, upload a CSV file with the list of users. The required file structure is mentioned on the screen.


Import Users
Create new import
Import file *
Choose File
No file chosen
Required file format: CSV
File structure:
GroupName,FirstName,LastName,UserName,Email,IsAdmin
MyGroupA,John,Doe,jdoe1,john.doe@myfakeemail.com,0
Notes:
Header row with column names is required
Maximum file size is 5MB.
All fields are required to be filled in (cannot be blank).
Username column is required even if you are using email address as username for new users. In this case, we suggest you simply duplicate the email address in the username field.
Import

- Under the required user group section, click **Add New User**.



Enter or select appropriate values to the following fields:

Field	Description	Best Practices
First Name	Enter user's first name	
Last Name	Enter user's last name.	
Email	Enter user's official email address.	Email address is used as the username and is case-sensitive. Hence, ensure that you use lower-case for the email.
Admin	Select this check box if the user being added is an administrator.	

Click **Save**.

A verification email with user's credentials and a link to reset the password is sent to the user's email address. For more information, refer to the Verifying and Using User Accounts topic.

Once an account is created for you, wait for at least 30 minutes before attempting to use it in erwin DM.

Installation

To start using erwin Data Modeler (DM), you need to perform a three-step process as follows:

1. Review the system requirements
2. Install erwin DM
3. Activate the license

Review System Requirements

Review the system requirements for the computer on which you want to install erwin Data Modeler (erwin DM).

Parameter	Windows	macOS
Hardware/Workstation	• Processor - 64-bit, minimum 4 cores • 16 GB RAM • 100 GB of disk space or more as required to support your requirements • 1024 x 768 or higher screen resolution • Display settings set to 100%	• Intel or Apple Silicon • 8 GB RAM • 100 GB of disk space or more as required to support your requirement
Operating System	• Microsoft Windows 11 • (Optional) Microsoft Windows Server 2016 • (Optional) Microsoft Windows Server 2019 • (Optional) Microsoft Windows Server 2022 • (Optional) Microsoft Windows Server 2025 • All current Microsoft Windows critical updates	• Sonoma • Ventura • Monterey • Big Sur erwin DM is certified for macOS Sequoia and Tahoe.

For macOS, ensure that you are connected to the internet for .NET framework installation. Also, ensure that your system language is set to English before starting the installation as erwin DM on macOS supports only the English language.

Running erwin API in a 64-bit environment requires some changes to the workstation registry. For more information about changing the registry, see the erwin® Data Modeler Workgroup Edition Implementation and Administration Guide.

Install erwin Data Modeler

You many choose to install erwin Data Modeler (erwin DM) in one of the following ways:

- Silent installation
- Windows installation
- macOS installation

For the Workgroup Edition, install erwin DM on each computer that accesses Mart.

Silent Installation

To install erwin DM using a silent installation, run the following command:

"<*erwinDM .exe location*>\<*executable-name*>.exe" /s /v"REBOOT=ReallySuppress LICENSECODE=<*code*> /norestart /qn /L <*erwinDM .exe location*>\<*log-file-name*>.log"

This command takes the location of the executable file and the license code as parameters. It installs erwin DM without restarting your system and creates a log file at the specified location.

> Silent Installation does not work for upgrading erwin DM. To upgrade to a newer version of erwin DM, first uninstall the existing version and then use the steps for Silent Installation to install the newer version.

For example, assume the following:

1. erwin DM executable is named **EDM15.0-b8020-64bit.exe**.
2. erwin DM executable is present at **C:\Build**. This location may differ on your computer.
3. License code is 123456789012345678.
4. Log file is named install.log.

Based on the above assumptions, the command is as follows:

"C:\Build\EDM15.0-b8020-64bit.exe" /s /v"REBOOT=ReallySuppress LICENSECODE-E=123456789012345678 /norestart /qn /L C:\Build\install.log"

Following are the scenarios and the respective commands that you can follow:

- **With restart**: Set "REBOOT=Force" and remove "/norestart". For example, "C:\Build\EDM15.0-b8020-64bit.exe" /s /v"REBOOT=Force LICENSECODE-E=123456789012345678 /qn /L C:\Build\install.log"

- **Without restart**: Set "REBOOT=Really Suppress" and add "/norestart" after the license code. For example,
  "C:\Build\EDM15.0-b8020-64bit.exe" /s /v"REBOOT=ReallySuppress LICENSECODE-E=123456789012345678 /norestart /qn /L C:\Build\install.log"
- **With log**: Add "/L <location and name of the log file>" to the command. For example,
  "C:\Build\EDM15.0-b8020-64bit.exe" /s /v"REBOOT=ReallySuppress LICENSECODE-E=123456789012345678 /norestart /qn /L C:\Build\install.log"
- **Without log**: Exclude "/L <location and name of the log file>" in the command. For example,
  "C:\Build\EDM15.0-b8020-64bit.exe" /s /v"REBOOT=ReallySuppress LICENSECODE-E=123456789012345678 /norestart /qn"

Windows Installation using Executable File

Use the same executable file for Standard and Workgroup Editions.

To install erwin DM using the executable file:

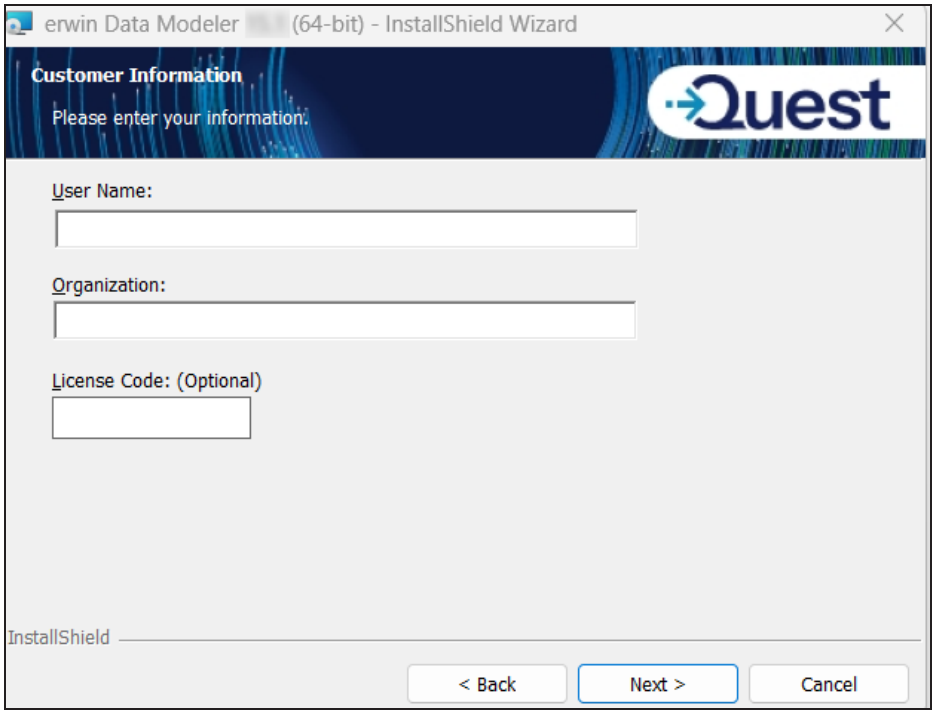
1. Log in to the computer where you want to install the product as an Administrator user.

   If you run an install without Administrative privileges, all files may not be installed or upgraded, and users can encounter problems when running the software.

2. Visit the erwin DM product support page and download the Windows installation file.

3. Run the installer file.
   The Installation Wizard opens.

4. Follow the instructions on the wizard pages.
   (Optional) Enter the License Code if available.



The program files are copied and erwin DM is installed.

You can install erwin DM Navigator using the erwin.exe file or a separate Navigator.exe file.

macOS Installation using ZIP Package

To install erwin DM on macOS, follow these steps:

1. Visit the erwin DM product support page and download the erwindatamodeler-<version number>.zip package.
   For example, erwindatamodeler-15.0.0.36459.zip.
2. Extract the ZIP package and move the erwin DM .app file to the Applications folder.
3. Navigate to the Applications folder and open the erwin Data Modeler application.
   This starts the installation process and opens the erwin Data Modeler Licensing screen once installation is done.

   > If .NET framework is not installed, the installer will first install it for you. Ensure that you are connected to the internet.

4. Enter your license code and email address. Then, click **OK**.
   For more information on licenses, refer to the Activate License topic.

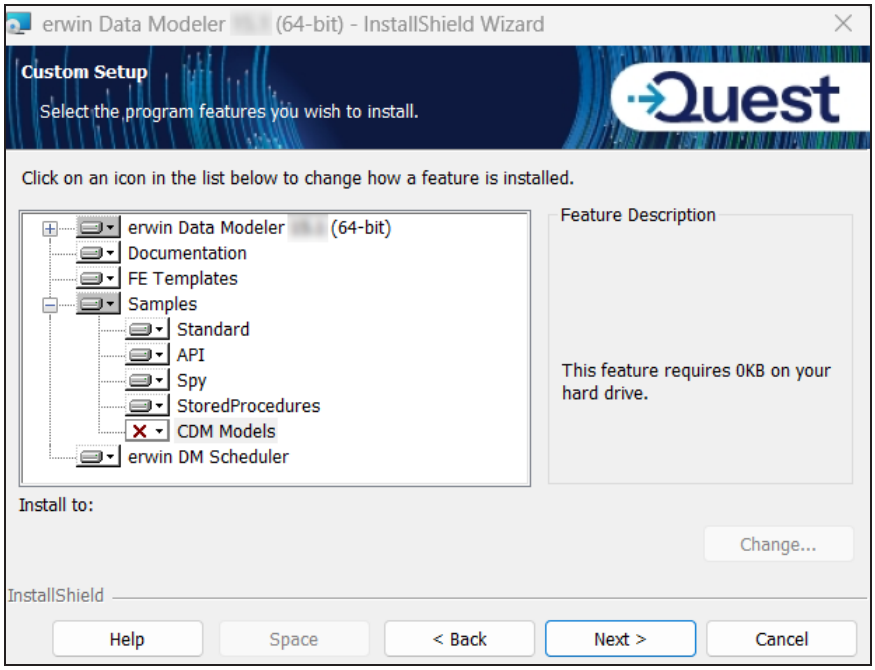
> For macOS, please ensure that your system language is set to English before starting the installation as erwin DM supports only the English language.

Samples

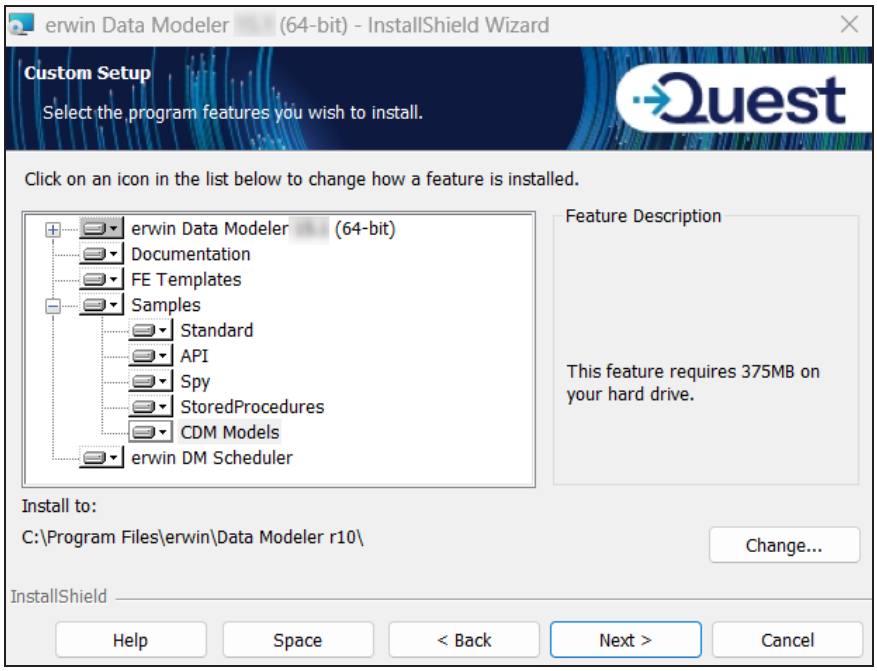
erwin DM provides sample models with the installer for your use. You can use these models to learn data modeling and to get familiar with erwin DM. By default, the installer installs the eMovies and PublicationSystemSample models. To install CDM models, you need to select them for installation on the Custom Setup screen of the installation wizard.

To install CDM models, follow these steps:

1. On the Custom Setup screen, select **Samples** > **CDM Models**.



2. Click . Then, click **This feature will be installed on the local hard drive**.



3. Follow the installation wizard to complete the installation.

Once installation is completed, CDM models are available at one of the following locations depending on your erwin DM version:

- C:\Program Files\erwin\Data Modeler r9\BackupFiles\Samples\CDM Models
- C:\ProgramData\erwin\Data Modeler\9.96\Samples\CDM Models

Activate License

After you have installed erwin Data Modeler (erwin DM), you need to activate the license code that you received from erwin Support or your license administrator.

To obtain a license contact erwin Customer Care by telephone or the web licensing form, or contact your license administrator. Provide the required information to submit a license request. Once the request is verified, you will receive a license code. Ensure that you keep a note of the license code. To use erwin Data Modeler (erwin DM) using this license code, you first need to activate the license code. The following sections help you activate your license. Choose the section that matches your erwin Data Modeler version.

- Activate a license for 15.1 and earlier
- Activate a license for 15.2 and later

> Before you activate your license for version 15.2 or later, update the Licensing.config file in the installation directory. For more information, refer to the Update the Licensing.config File section.

Activate a License for 15.1 and Earlier

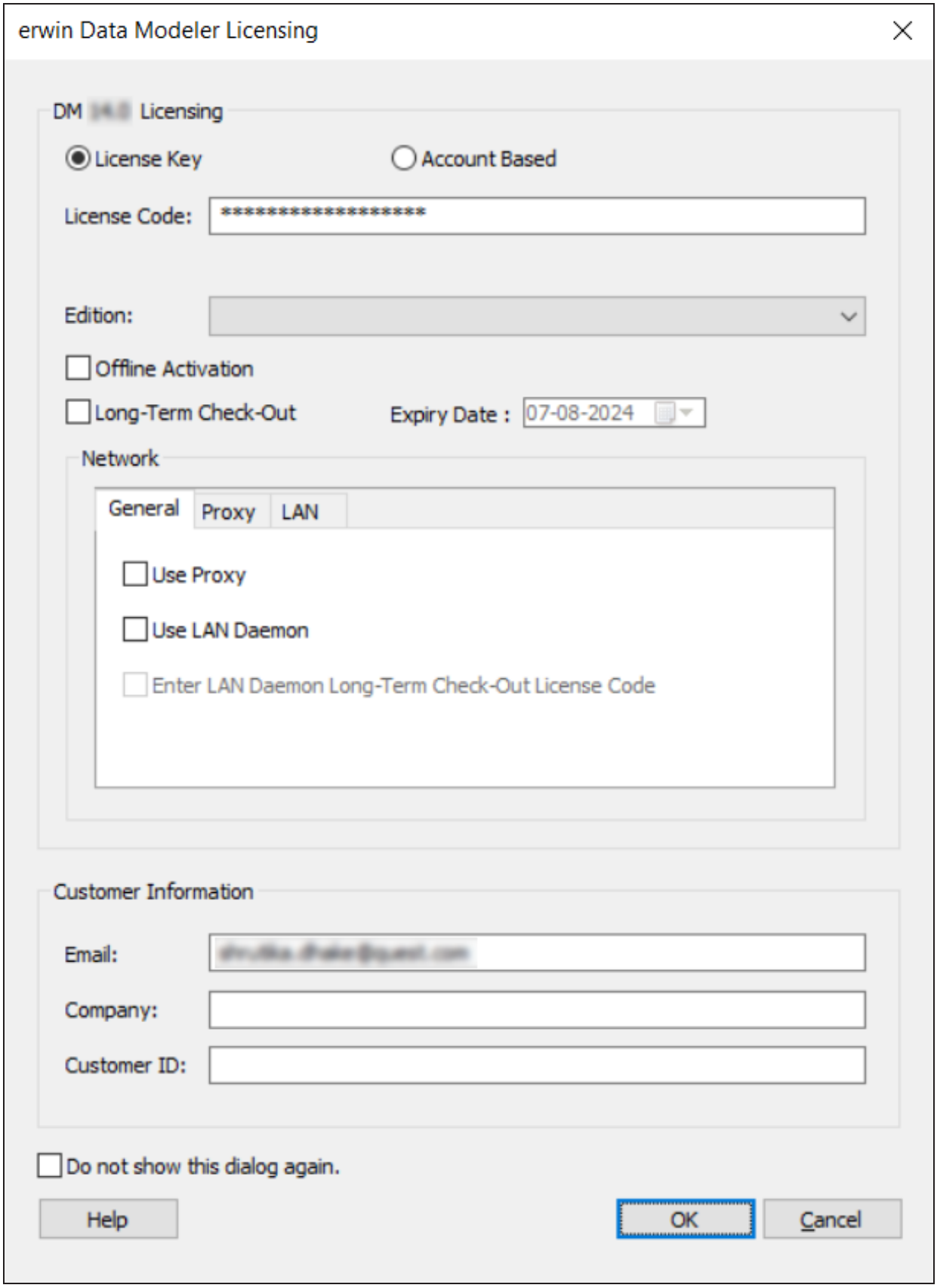
> This section walks you through the license activation process for erwin DM 15.1 and earlier.

If you are an existing license user and want to move to the Account Based Licensing Model, refer to the Configuring Account Based Licensing topic.

> Ensure that Microsoft Visual C++ 2017 Redistributable is installed on your system. If you are unable to install Microsoft Visual C++ 2017 Redistributable on your operating system, upgrade the operating system.

When you first open erwin DM, the erwin Data Modeler Licensing dialog box appears.

Activate License



On the erwin Data Modeler Licensing dialog box, follow these steps:

1. Under Licensing, click one of the following:
   - **License Key**:
     a. In the **License Code** box, enter the license code that you received from erwin Support or your license administrator. If you had entered the license code on the installer dialog box, the License Code field is auto-populated and masked.
     b. In the **Edition** drop down list, select your erwin DM edition.
     c. Select whether you want to do a **Long-Term Check-Out** for your license. If yes, set the **Expiry Date**.
   - **Account Based**:
     a. Enter your Username and Password.

     > Username is the email ID that was used to add you to the user group. As usernames are case-sensitive, ensure that you use the exact username that was used while creating your ABL account.

     b. Click **OK**.
     For more information on credentials for Account Based Licensing, refer to the Verifying and Using User Accounts topic.
2. Under Customer Information, enter your email address and other information.
3. Activate the license. You can activate the license in two ways:

   Online

   This method is the default and connects to the licensing service over the Internet. The licensing service then validates the license code that you entered. To activate a license online, perform steps 1 and 2 mentioned above and click **OK**.

   You can also connect to the licensing service using a proxy server. To do so, do the following:

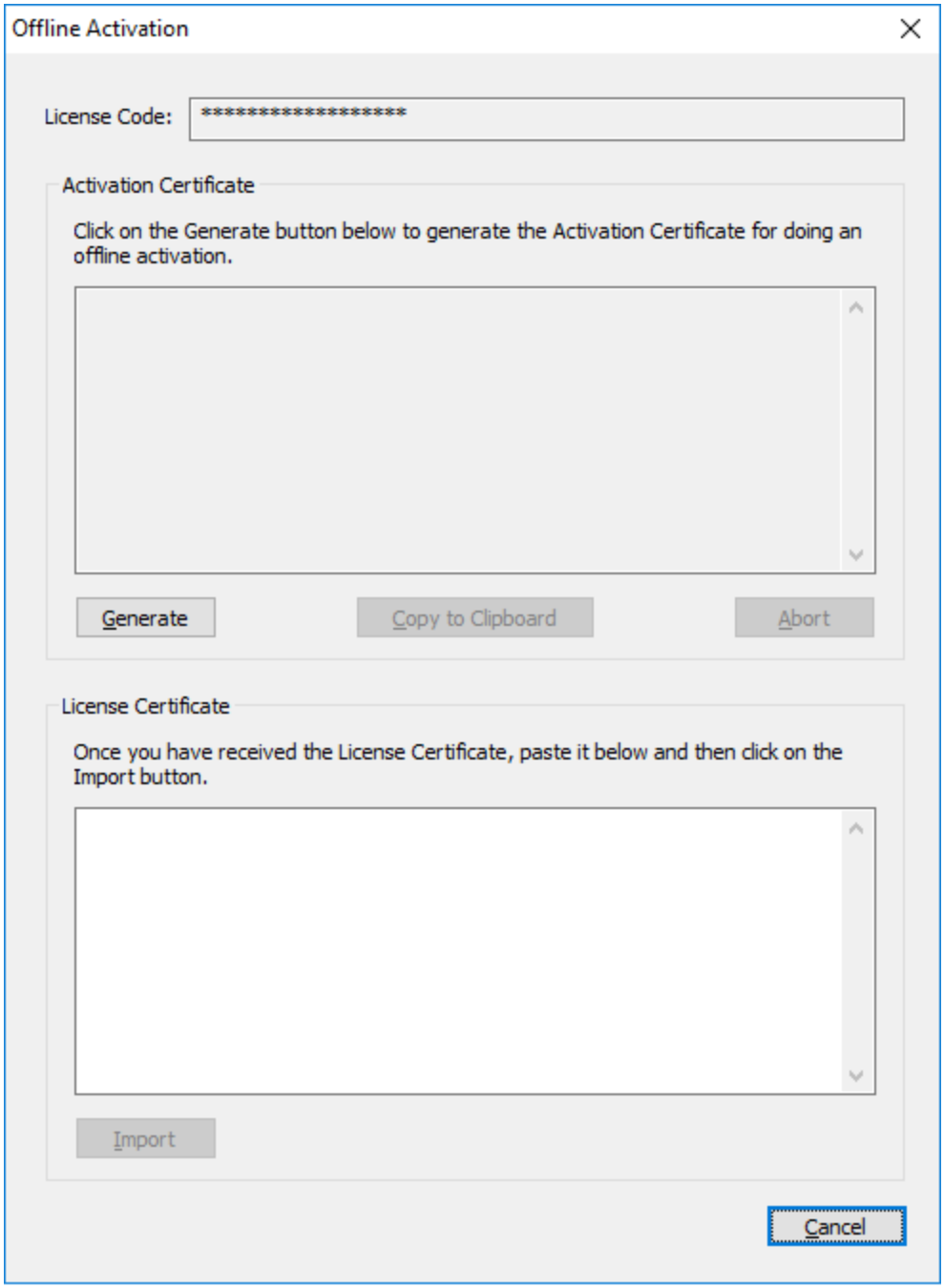
   a. Under Network, on the Proxy tab, set your proxy server's parameters (server IP address/server web address and port number, and the credentials).
   b. On the General tab, select the**Use Proxy** check box.
   c. Click **OK**.

Offline

This method requires you to perform multiple steps before you can start using the product.

To activate a license offline:

a. On the erwin Data Modeler Licensing dialog box, select the **Offline Activation** check box and click **OK**. The Offline Activation dialog box appears.



b. Under Activation Certificate, click **Generate**. An activation certificate is generated and displayed.

c. Click **Copy to Clipboard** and save the contents to a text file. Send this activation certificate file to your license administrator. Based on this file, the license administrator will send you the License Certificate.

d. Under License Certificate, copy and paste the license certificate that you receive from the license administrator.

e. Click **Import**.

Once the offline license code is generated, it must be imported to a server within 14 days.

You can stop the erwin Data Modeler Licensing dialog from showing every time you start erwin DM. On the erwin Data Modeler Licensing dialog, select Do not show this dialog again. This sets the dialog to be suppressed.

To change this setting:

1. In erwin DM, from the menu bar, click **Help** > **Licensing**.
   The Licensing dialog box appears.
2. Clear the **Suppress the Licensing Dialog** check box.

Logging

To enable logging for licensing, create a text file, loglevel.txt, in your license directory. Type the number, 4, and save the file. This indicates the logging level.

Depending on your erwin DM version, the license directory is as follows:

- **Versions older than 2021 R1**: C:\ProgramData\erwin\Data Modeler\Licensing
- **2021 R1 and above**: C:\Users\<User>\AppData\Local\erwinDMLicensing

Whenever an issue occurs with licensing, a log file, <<uniqueID>>.log, is created in your license directory.

You can remove the loglevel.txt file later.

Activate a License for 15.2 and Later

This section walks you through the license activation process for erwin DM 15.2 and later.

After the organization owner assigns you a seat, you will receive a notification email.

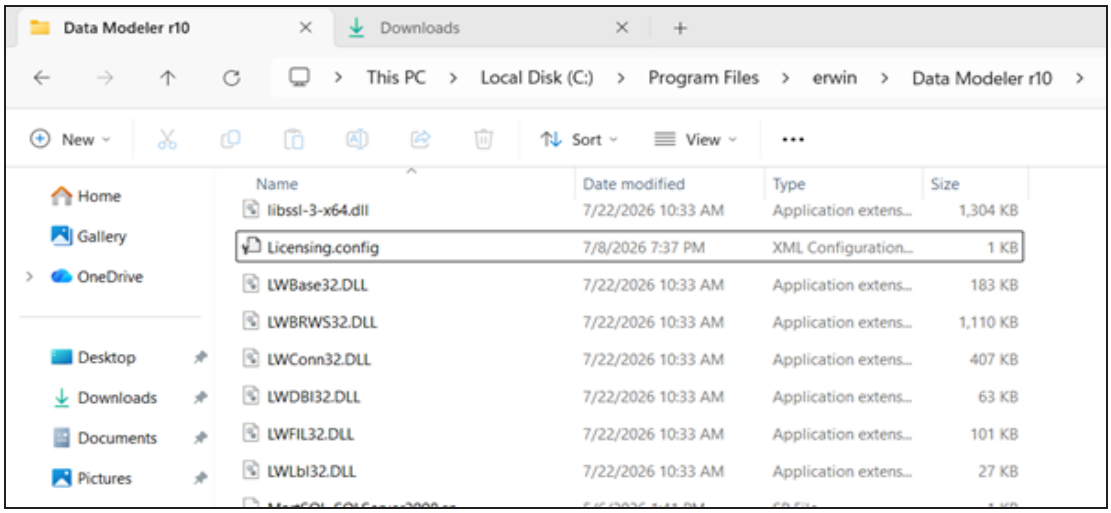
Before activating your license, update the Licensing.config file as described in the next section.

Update the Licensing.config File

After installing erwin Data Modeler, you must update the Licensing.config file before activating a license for version 15.2 or later. This update enables Quest Licensing and ensures that the correct licensing window is displayed when the application starts.

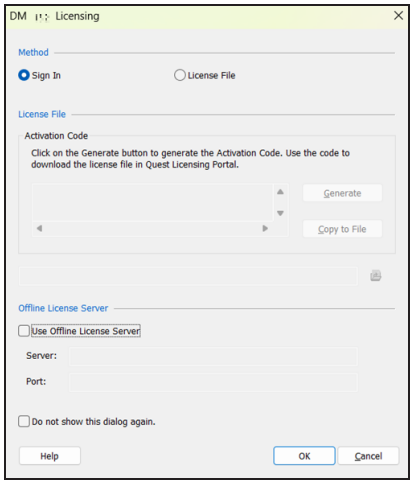
To configure Quest Licensing, follow these steps:

1. In the erwin DM installation directory, locate Licensing.config and open it in a text editor such as Notepad.



2. Set the UseQuestLicensing value to True, and then save the file. If the file has a .txt extension, enable the display of file name extensions and rename the file to License.config.
3. Close and restart erwin DM.

After you restart the application, the Quest Licensing window opens. Proceed with the license activation process.



Following are the two ways of activating a license:

- **Sign In**: Use this option to sign in to the Quest Licensing Portal to authorize your license. Ensure that your license is already associated with your Quest account in the portal or you are assigned as a user.
- **License File**: Use this option to activate a license for offline use.

Activate a License for Online Use

To activate a license for online use:

1. Ensure that your License is added to Quest Licensing Portal or you are assigned as a user.
2. Launch erwin Data Modeler.

   The erwin Data Modeler Licensing dialog opens.
3. In the Licensing dialog, select **Sign In**, and then click **Ok**.

If you are already signed in, you are authorized automatically. If not, sign in to the Quest Licensing Portal. After authorization completes, close the browser and start working in erwin DM.

Activate a License for Offline Use

You can activate your erwin Data Modeler license for offline use when your machine does not have a persistent internet connection. The activation requires access to the license portal to register your device and generate an offline license file.

The following steps describe how to activate a license for offline use:

- Enable Offline Support in the License Portal
- Generate the Activation Code from erwin DM
- Register Your Device in the Licensing Portal
- Apply the Offline License in erwin DM

Enable Offline Support in the License Portal

1. Log in to Quest Licensing Portal using your Quest credentials.

   The Overview page opens.

2. Go to the Licenses tab.

   All your licenses are displayed here.

3. Choose the license you want to activate for offline use, and click **Manage**.

   The license page opens to the Overview tab.

4. Go to the Settings tab and switch on the **Offline Support** toggle.

   > You must enable the Offline Support toggle before proceeding. The subsequent steps depend on this setting being active. If you don't have access, contact your license owner or license administrator.

5. (Optional) Click **Enable Long-Term Checkout** to enable or disable long-term checkout. Use this option for users who will be offline without internet access for an extended period. For example, up to 14 days.

   You can also transfer your license to another account from the Settings tab.

Generate the Activation File from erwin DM

1. Launch erwin Data Modeler.

   The erwin Data Modeler Licensing dialog opens.

2. In the Licensing dialog, click **License File**.

   The Generate option becomes available.

3. Click **Generate**.

4. Once the file is generated, click **Copy to File** to save the activation code in text format to a location you can easily access.

Register Your Device in the Licensing Portal

> If you don't have access to register, contact your license owner or license administrator.

1. Return to the License portal, select your license again, and then click **View Detail**.
2. Click **Manage Offline Device**, and then click **Add Device**.
3. In the Device Name field, enter a name for the device.
4. Click **Import File** to import the activation code file you saved in Step 2 in the above section.
5. Click **Add**.

   A confirmation message indicates that the device has been successfully activated.
6. To download your offline device license file, click **Download**.

Apply the Offline License in erwin DM

1. Return to erwin Data Modeler and open the Licensing dialog.
2. Click to upload the offline license file you downloaded from the License portal.
3. Click **Ok**.

Your offline license is now activated. You can use erwin Data Modeler without an internet connection.

If you need assistance, contact Quest Support.

> For concurrent licenses, if all seats are currently occupied when you attempt to sign in, access is denied. Contact your organization owner or license administrator to resolve the issue.

Assign Users

The number of users you can assign depends on the number of seats in your license.

To assign users:

1. On the license page, click the **Users** tab.
2. Click .

   The Assign Users dialog opens.
3. Enter the email addresses of the users you want to assign to the available seats.
4. Click **Assign**.

Each user receives an email notification informing them that they have been added to the organization and can now activate erwin Data Modeler.

> Users can be added or removed at any time from the Users tab.

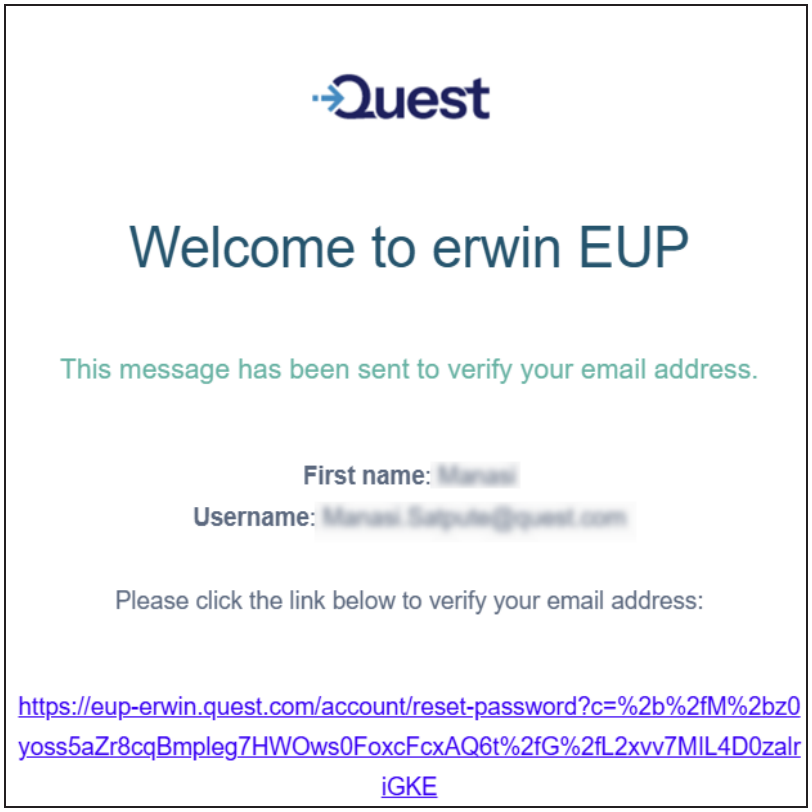
Verifying and Using User Accounts

This topic explains how to verify and use user accounts for erwin DM 15.1 and earlier.

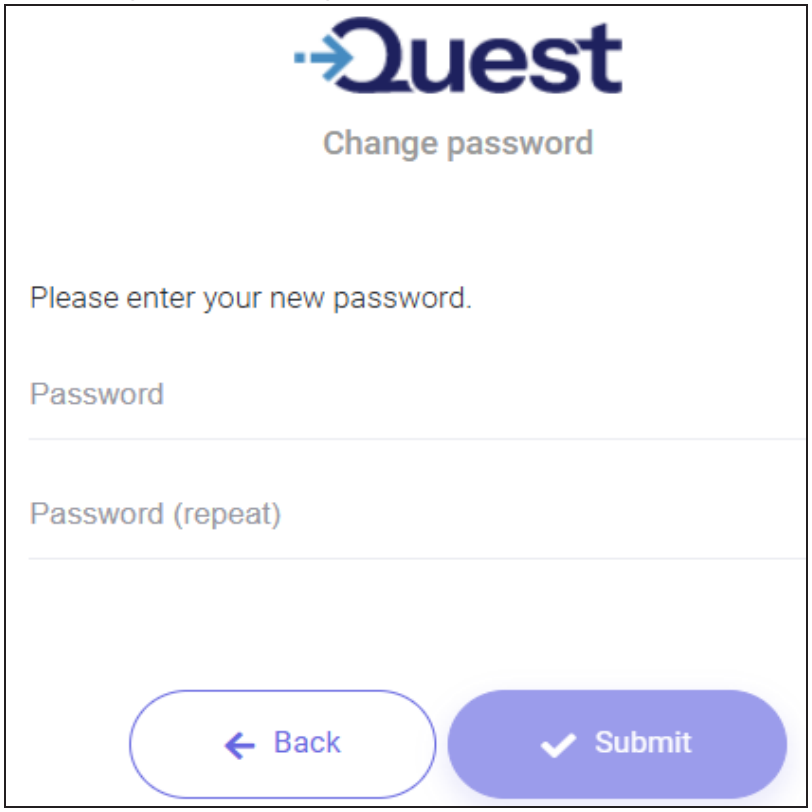
Once users are added to the user groups, they can use their credentials to log on to erwin Data Modeler (erwin DM) and use it.

To verify user account and use erwin DM, follow these steps:

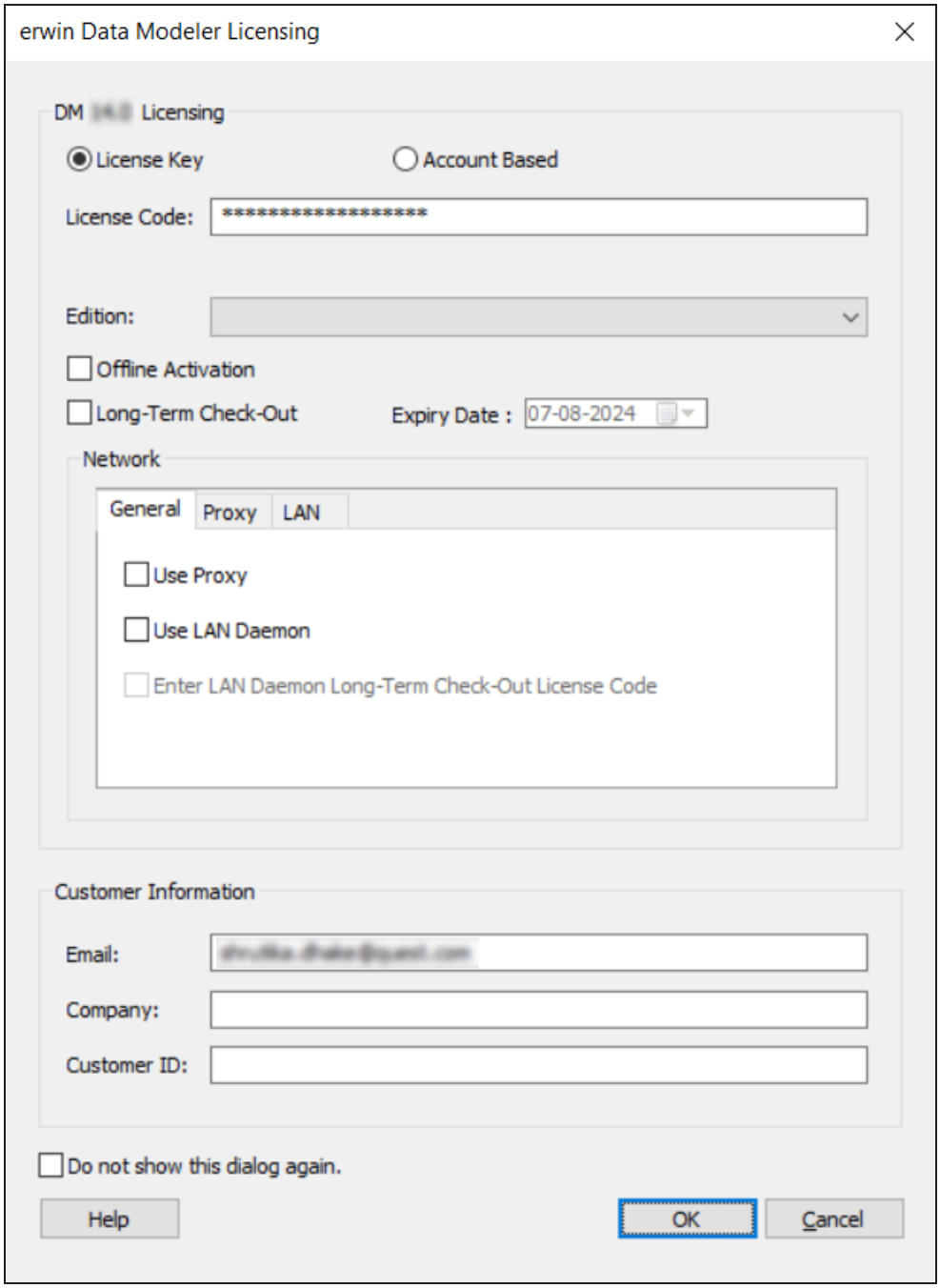
1. Open the End User Portal (EUP) email.



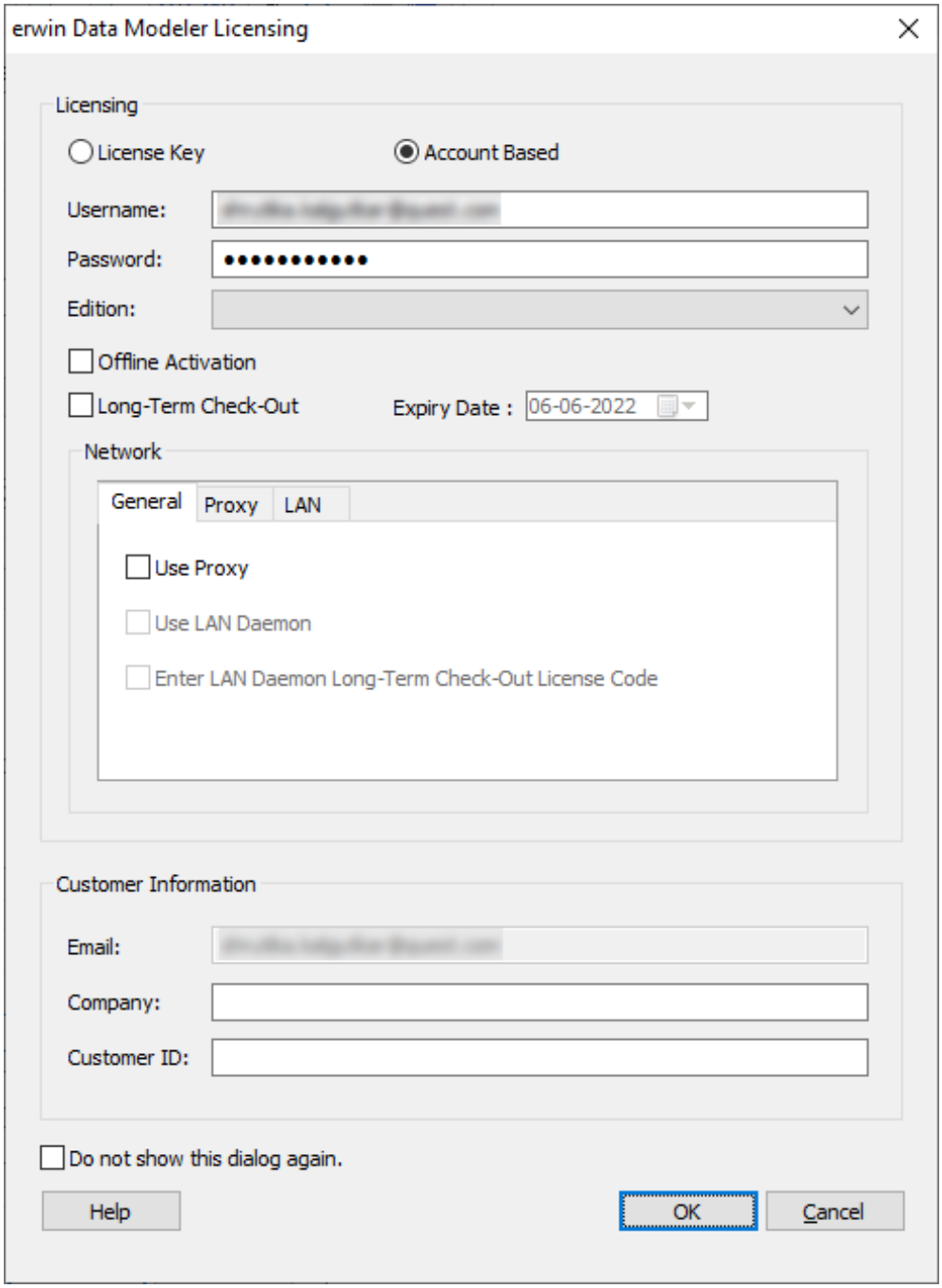
2. Click the password reset link.
   The Change password page opens.



3. Enter a new password and click **Submit**.
4. Password is reset and you are logged on to the EUP. If you are an administrator user, you can add more users to the user group.
5. Start erwin DM.
   The erwin Data Modeler Licensing screen appears.


erwin Data Modeler Licensing
DM Licensing
License Key
Account Based
License Code:
Edition:
Offline Activation
Long-Term Check-Out
Expiry Date :
07-08-2024
Network
General
Proxy
LAN
Use Proxy
Use LAN Daemon
Enter LAN Daemon Long-Term Check-Out License Code
Customer Information
Email:
Company:
Customer ID:
Do not show this dialog again.
Help
OK
Cancel

6. Click **Account Based**.



7. Enter your account-based licensing username and password.
ABL usernames are case-sensitive. Ensure that you use the exact username that was used

while creating your ABL account.

8. Click **OK**.