

ER/Studio Data Architect Technical Specifications

- [What's New in ER/Studio Data Architect 18.5](#)
- [System Requirements](#)
- [Repository \(ER/Studio Data Architect Professional only\)](#)
- [Database Platform Support](#)
- [MetaWizard Bridges](#)
- [Version History](#)

What's New in ER/Studio Data Architect 18.5

For the new features and fixed issues in the latest version (18.5) of ER/Studio Data Architect, see [What's New](#).

System Requirements

Type	Platform	Version
Random Access Memory (RAM)		<ul style="list-style-type: none">• 4+ GB
Storage Disk Space		<ul style="list-style-type: none">• 2.5+ GB
Operating System	Microsoft Windows <i>(64-bit)</i>	<ul style="list-style-type: none">• 10• 8.1• 7

Repository *(ER/Studio Data Architect Professional only)*

The **Repository** for **ER/Studio Data Architect Professional** is packaged with **ER/Studio Team Server** and must be installed on a separate server. For more information about ER/Studio Team Server, see [ER/Studio Team Server Technical Specifications](#).

Database Platform Support

ER/Studio Data Architect can reverse and forward engineer data assets to document and design them. The following database platforms are supported.

Platforms

- Platforms marked with **S** can be selected for a single-platform license purchase.
- Platforms marked with **M** are available in our multi-platform license pack.
- Platforms marked with **A** are available in all packs.

Core Platforms

As standard, we include the reverse engineering from database and forward engineering of data definition language (DDL). Our core products also import from a SQL file and feature ALTER script generation from our compare and merge wizard.

Platform	Version	Platform	Core Platform
Amazon Redshift	n/a	S M	Yes
Embarcadero InterBase	<ul style="list-style-type: none">• XE3• XE• 2009• 2007	M	
Firebird	<ul style="list-style-type: none">• 2.x• 1.5	M	
Greenplum (Pivotal)	<ul style="list-style-type: none">• 4.2	M	

Hadoop Hive	<ul style="list-style-type: none"> • 0.13 • 0.12 	M	
Hitachi HiRDB	n/a	M	
IBM Db2 for iSeries	<ul style="list-style-type: none"> • V5R2 • V4R5 	M	
IBM Db2 for Linux, UNIX, and Windows (LUW)	<ul style="list-style-type: none"> • 10.x to 5.x 	S M	Yes
IBM Db2 for z/OS	<ul style="list-style-type: none"> • 11.x to 5.x 	S M	Yes
IBM Db2 Common Server	n/a	M	
IBM Informix OnLine and SE	n/a	M	
IBM Informix Dynamic Server	<ul style="list-style-type: none"> • 9.x 	M	
IBM Netezza	<ul style="list-style-type: none"> • 7.0 • 6.0 • 5.0 • 4.6 	M	
Microsoft Access	<ul style="list-style-type: none"> • 2013 • 2000 • 97 • 95 • 2.0 	A	
Microsoft Azure SQL Database		S M	Yes
Microsoft SQL Server and Microsoft SQL Server on Azure Virtual Machine (VM)	<ul style="list-style-type: none"> • 2017 • 2016 • 2014 • 2012 • 2008 • 2005 • 2000 • 7 • 6.5 • 4.x 	S M	Yes
Microsoft Visual FoxPro	<ul style="list-style-type: none"> • 5 • 3 • 2 	A	
MongoDB	<ul style="list-style-type: none"> • 3.6 • 3.4 • 3.2 • 3.0 • 2.6 	M	
MySQL	<ul style="list-style-type: none"> • 5.x • 4.x • 3.x 	M	
Oracle Database	<ul style="list-style-type: none"> • 19c • 18c • 12c • 11g • 10g • 9i • 8.x • 7.3 	S M	Yes

PostgreSQL	<ul style="list-style-type: none"> • 12 to 10 	S M	Yes
	<ul style="list-style-type: none"> • 9.x • 8.0 	M	
SAP Adaptive Server Anywhere (ASA)	<ul style="list-style-type: none"> • 10 • 9 • 8 • 7 • 6 • 5 	M	
SAP Adaptive Server Enterprise (ASE)	<ul style="list-style-type: none"> • 15.0 • 12.5 • 12.x • 11.9.2 	S M	Yes
SAP IQ	<ul style="list-style-type: none"> • 16.x • 15.x • 12.x 	M	
Snowflake	n/a	S M	Yes
Teradata	<ul style="list-style-type: none"> • 15.10 • 14.x • 13.0 • 12 • V2R6 • V2R5 • V2R4 	S M	Yes
Generic DBMS	n/a	A	

MetaWizard Bridges

ER/Studio Data Architect includes a subset of [MetaWizard import bridges](#) to access files from common modeling tools.

ER/Studio Enterprise Team Edition includes the full list of [MetaWizard import and export bridges](#) that can import metadata from a wide range of technologies such as databases, data lake structures, flat files, business intelligence (BI), and data movement (ETL) tools.

Please also refer to the product documentation [ER/Studio Data Architect Import Bridges](#) and [ER/Studio MetaWizard Import/Export Bridges](#).

Version History

- [Version 18.5](#)
- [Version 18.4](#)
- [Version 18.3](#)
- [Version 18.2](#)
- [Version 18.1.1](#)
- [Version 18.1](#)
- [Version 18.0](#)

Version 18.5

- Offers new user interface features
- Supports Oracle 18c and 19c

Version 18.4

- Support Snowflake as core platform
- Added logical data types
- Added features for PostgreSQL

Version 18.3

- Expanded support for Amazon Redshift

- Expanded support for PostgreSQL

Version 18.2

- Supports Amazon Redshift
- New MITI bridge support

Version 18.1.1

There are no new features for this product version release.

Version 18.1

There are no new features for this product version release.

Version 18.0

- Improved publishing of models into Team Server
- Improved repository password encryption
- New option to select SQL Server driver
- Supports Oracle Database 12c R2
- Discontinued 32-bit edition

[IDERA](#) | [Products](#) | [Purchase](#) | [Support](#) | [Community](#) | [Resources](#) | [About Us](#) | [Legal](#)