

# DB PowerStudio DBArtisan Technical Specifications

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## What's New in 18.6

For the new features and fixed issues in the latest version of DBArtisan, see [What's New](#).

## System Requirements

Type	Platform	Version
CPU		<ul style="list-style-type: none"><li>• 1+ GHz</li></ul>
Random Access Memory (RAM)		<ul style="list-style-type: none"><li>• 3 GB</li></ul>
Storage Disk Space		<ul style="list-style-type: none"><li>• 1 GB</li></ul>
Operating System	Microsoft Windows	<ul style="list-style-type: none"><li>• 11</li><li>• 10</li><li>• 8.1</li><li>• 8</li></ul>
	Microsoft Windows Server	<ul style="list-style-type: none"><li>• 2019</li><li>• 2016</li><li>• 2012 R2</li><li>• 2012</li><li>• 2008 R2</li><li>• 2008 SP1</li></ul>
Cloud	<ul style="list-style-type: none"><li>• Amazon Redshift</li><li>• Microsoft Azure SQL Database with AAD Support</li><li>• Oracle Autonomous Database</li><li>• PostgreSQL</li><li>• Snowflake</li></ul>	n/a
Database	Greenplum	n/a
	IBM Db2 for z/OS	<ul style="list-style-type: none"><li>• 11.x*</li><li>• 10.x</li></ul>
	IBM Db2 LUW	<ul style="list-style-type: none"><li>• 11.x*</li><li>• 10.x</li></ul>
	Microsoft SQL Server	<ul style="list-style-type: none"><li>• 2022*</li><li>• 2019*</li><li>• 2017*</li><li>• 2016*</li><li>• 2014</li><li>• 2012</li><li>• 2008**</li></ul>

MySQL	<ul style="list-style-type: none"> <li>• 8.0</li> <li>• 5.7</li> <li>• 4.x</li> </ul>
Oracle	<ul style="list-style-type: none"> <li>• 21c</li> <li>• 19c</li> <li>• 18c</li> <li>• 12c R2</li> <li>• 12c</li> <li>• 11g R2**</li> <li>• 11g**</li> <li>• 10g**</li> </ul>
PostgreSQL	<ul style="list-style-type: none"> <li>• 14</li> <li>• 13</li> <li>• 12</li> <li>• 11</li> <li>• 10</li> <li>• 9.x</li> </ul>
Snowflake	n/a
Sybase ASE	<ul style="list-style-type: none"> <li>• 16.0</li> <li>• 15.7</li> </ul>
Sybase IQ	<ul style="list-style-type: none"> <li>• 16.1</li> <li>• 16.0</li> <li>• 15.4</li> </ul>

\* DBArtisan supports only a subset of features and functions for this database version.

\*\* Support for this version is nearing end of life and may not be available in subsequent DBArtisan releases.

## Version History

- [Version 18.6](#)
- [Version 18.5](#)
- [Version 18.4](#)
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- [Version 16.6.1](#)
- [Version 16.6.0](#)
- [Version 16.5 \(2016+\)](#)
- [Version 16.0 \(2016\)](#)

### Version 18.6

- Provides full GIT support
- Allows users to connect to PostgreSQL through Azure Active Directory
- Allows Redshift authentication through IAM
- Adds support for PostgreSQL profiling in DB Optimizer
- Adds multi-factor authentication for MS SQL in DB Optimizer and DB Change Manager

### Version 18.5

- Adds binary column support for Db2 for LUW
- Improves synchronization script in DB Change Manager
- Improves efficiency in DBArtisan, DB Change Manager, and Rapid SQL

- Updates stored procedures functionality when using Redshift
- Updates supported database versions

## Version 18.4

- Adds native GIT support
- Supports SQL Server 2022
- Improves space, capacity, and performance for Azure SQL and PostgreSQL
- Includes sign-on for AzureAD for PostgreSQL, MySQL, and SQL Server
- Includes support for PostgreSQL identity columns
- Updates Azure SQL for Data Copying in DB Change Manager

## Version 18.3

- Updates Azure cloud monitoring capability in DBArtisan
- Supports the latest version of Log4j
- Improves multiple areas within DBArtisan and Rapid SQL
- Improves multiple areas within DB Change Manager
- Updates profiling session capability in DB Optimizer

## Version 18.2

- Adds support for Snowflake in DBArtisan and Rapid SQL
- Adds support for Windows 11
- Updates database platform support for the following database platforms:
  - DB2 LUW 11.5
  - Sybase IQ 16.1
- Updates trial licensing in DB Optimizer to limit the number of suggestions a user can submit

## Version 18.1

- Adds support for Oracle 21c and PostgreSQL 13

## Version 18.0

- Adds support for Amazon Redshift cloud data warehouse

## Version 17.1.0

- Improves operating system and platform support
  - Windows Server 2019
  - Oracle 11g R2
  - PostgreSQL 12.x
  - SQL Server 2014 SP2

## Version 17.0.4

- Supports latest SQL Server, Oracle, PostgreSQL editions

## Version 17.0.3

*There are no new features for this product version release.*

## Version 17.0.2

*There are no new features for this product version release.*

## Version 17.0.0

- Improved SQL Server feature plan
  - Table and index compression
  - Columnstore index support
  - Spatial index support
  - Temporal tables support
  - In-memory tables support
  - Natively-compiled procedures support
  - Column-level encryption support
  - Table encryption support
  - Data masking support
- Improved Execution Plan support
- Supports visual file group, data file, and log file

- Improved Databases Summary Detail screen
- Improved server roles
- Added print capability to Index CREATE and ALTER scripts
- Improved debugger

### **Version 16.6.1**

- Improved data dictionary lookup and caching
- Performance improvements
- Completes support for Oracle 12c

### **Version 16.6.0**

- Extract, Migrate, and Report functionality completed for Oracle object types added in v16.5
- Supports additional Oracle object types
- Improved Explain Plan support
- Supports Db2 LUW 11 and Sybase 16

### **Version 16.5 (2016+)**

- IDERA rebranding
- Product licensing changes
- Single Java directory for multiple IDERA products
- Improved password security
- Error reporting for troubleshooting
- Improved performance and exception handling
- Updated Database Explorer schema object types
- Supports newer partitioning options

### **Version 16.0 (2016)**

- PostgreSQL object management
- Analyst Explorer node
- Missing indexes
- ISQL performance