

Projetex Access Through ODBC

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Projetex ODBC

The Projetex database can be accessed through ODBC.

The ODBC (Open Database Connectivity) of the Microsoft Corporation represents a general interface for access to SQL-compatible databases. SQL is used as a standard mechanism for data access.

The interface ensures a high degree of interaction: one application can refer to different SQLcompatible DBMS (Data Base Management Systems) by means of generic code. This allows a developer to create and distribute "client/server" applications without taking into consideration the characteristics of a specific DBMS.

An ODBC driver is required to connect an application to any DBMS. Although ODBC is considered a good data transfer interface, it still has a number of restrictions as a program interface.

Enabling ODBC access

To enable ODBC access, run **Projetex Server Administrator** and click the **Corporate Settings** tab. Then select **ODBC**.

Select ODBC Access check box and set preferred ODBC password in the dialog which appears:

Database Server D	atabase	Corporate Settings
Folders Fields Queries Reports		ODBC Access (User: ODBC, Password: *******) Set Password for ODBC Access User: ODBC Password: Confirm password: OK Cancel

The ODBC login is "ODBC" and it is fixed.

Download the ODBC driver using the following URL:

https://www.microsoft.com/en-US/download/details.aspx?id=36434

NOTE: downloading the ODBC driver is only required for Workstation machines. On server machines, the driver is included with the server installation.

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After the ODBC driver is installed, go to Windows Control Panel > Administrative Tools > Data Sources (ODBC) to run the ODBC Data Source Administrator.

Click the Add... button in ODBC Data Source Administrator window.

ODBC Data Source Administrator					
User DSN System DSN	File DSN Drivers Tracing Connection Pooling About				
User Data Sources:	User Data Sources:				
Name	Driver Add				
dBASE Files Excel Files	Microsoft Access dBASE Driver (*.dbf, *.ndx Microsoft Excel Driver (*.xls, *.xlsx, *.xlsm, *.x				
MS Access Database	MS Access Database Microsoft Access Driver (*.mdb, *.accdb) Configure				
•	4 III >				
An ODBC User data source stores information about how to connect to the indicated data provider. A User data source is only visible to you, and can only be used on the current machine.					
OK Cancel Apply Help					

Select the newly downloaded driver for SQL Server.

Create New Data Source		×
Create New Data Source	New Data Source Select a driver for which you want to set up a data source Name V Firebird/InterBase(r) driver 2 Microsoft Access dBASE Driver (*.dbf, *.ndx, *.mdx) 1 Microsoft Access Driver (*.mdb, *.accdb) 1 Microsoft Access Text Driver (*.txt, *.csv) 1 Microsoft Excel Driver (*.txt, *.csv) 1 Microsoft Excel Driver (*.txt, *.xlsm, *.xlsb) 1 ODBC Driver 11 for SQL Server 2 SQL Native Client 2 SQL Server E	
	< Back Finish Car	ncel

Specify ODBC parameters in Create Data Source window:

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Microsoft SQL Server DSN Configuration			
	This wizard will help you create an ODBC data source that you can use to connect to SQL Server.		
SQL Server	What name do you want to use to refer to the data source?		
	Name: ODBC3D		
λ	How do you want to describe the data source?		
	Description:		
Which SQL Server do you want to connect to?			
	Server: projetex.com\P3D, 212		

Enter the Server address in this format: %server domain address or IP%\P3D, 212

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Select "SQL Server authentication" and enter the Login and password set in the System Administrator.

Microsoft SQL Server DSN Configuration				
	How should SQL Server verify the authenticity of the login ID?			
SQL Server	With Integrated Windows authentication.			
	With SQL Server authentication using a login ID and password entered by the			
	user.			
	Password:			

Enter "Projetex3D" as the new default database name.

Microsoft SQL Server DSN Configuration		
SQL Server	Change the default database to: Projetex3D Mirror server:	•
	SPN for mirror server (Optional):	
	 Use ANSI quoted identifiers. Use ANSI nulls, paddings and warnings. Application intent: 	
	READWRITE Multi-subnet failover.	-

Click **Next**, then **Finish**, and then **Test Data Source**. If the connection is configured correctly, you will see the message "TESTS COMPLETED SUCCESSFULLY!".

ODBC Microsoft SQL Server Setup	SQL Server ODBC Data Source Test
A new ODBC data source will be created with the following configuration: Microsoft ODBC Driver for SQL Server Version 12.00.2000 Data Source Description: Server: I.aitland.com/P3D, 212 Use Integrated Security: No Database: Projetex3D Language: (Default) Data Encryption: No Trust Server Certificate: No Multiple Active Result Sets(MARS): No Mirror Server: Translate Character Data: Yes Log Long Running Queries: No Log Driver Statistics: No Use Regional Settings: No Use ANSI Quoted Identifiers: Yes Use ANSI Quoted Identifiers: Yes Use ANSI Null, Paddings and Warnings: Yes	Test Results Microsoft ODBC Driver for SQL Server Version 12.00.2000 Running connectivity tests Attempting connection Connection established Verifying option settings Disconnecting from server TESTS COMPLETED SUCCESSFULLY
UN Cancel	

Note: If database file has been replaced, run Projetex Server Administrator, the ODBC section, then clear and re-enable the ODBC Access check box. You will need to re-enter the password.