

## **Millennium Xtra**

#### Technical Bulletin 031

08-19-2015

### Title: How to Configure the Connection between Millennium Xtra and Datacard ID Works

**Contents:** This technical bulletin explains how to configure the ODBC connections between Millennium Xtra and Datacard ID Works badging software.

### Procedure:

- 1. Install the Datacard ID Works software by following the installation wizard instructions. After installation, you will be instructed to reboot the computer.
- 2. Open the ODBC Control Panel applet:

On 32-bit versions of Windows, go to Start > Control Panel > Administrative Tools > Data Sources (OBDC)

On 64-bit versions of Windows, open Windows Explorer and navigate to the folder C:\Windows\SysWOW64 and double-click the file named odbcad32.exe

- 3. The ODBC Data Source Administrator (32-bit) will open. Click on the System DSN tab.
- 4. On the **System DSN** tab, click **Add**.
- 5. The **Create New Data Source** window will be displayed. Select **SQL Server** from the list and click **Finish**.

Create New Data Source		×
	Select a driver for which you want to set up a data s Name Microsoft ODBC for Oracle Microsoft Paradox Driver (*.db ) Microsoft Paradox-Treiber (*.db ) Microsoft Text Driver (*.bd; *.csv) Microsoft Text-Treiber (*.bd; *.csv) SQL Server SQL Server Native Client 11.0 <	V ^ 11 11 11 11 12 V
	< Back Finish Ca	ancel

 In the Name field, enter 'MilleniumXtra'. In the Server field, enter the connection string (Servername\Instancename) of the server where the Millennium Xtra databases are installed. Click Next.

Create a New Data Sour	rce to SQL Server	×
	This wizard will help you create an ODBC data source that you can use connect to SQL Server. What name do you want to use to refer to the data source? Name: MilleniumXtra	e to
	How do you want to describe the data source?	
	Description:	
	Which SQL Server do you want to connect to?	
	Server: TSTWIN7PC\SQLEXPRESS	$\sim$
	Finish         Next >         Cancel         Help	

7. On the next screen, enter the authentication parameters. Choose **Windows NT Authentication or SQL Server Authentication** depending on how SQL Server was initially configured on the Millennium Xtra server. Click **Next**.

Microsoft SQL Server DS	N Configuration
	How should SQL Server verify the authenticity of the login ID?
	Connect to SQL Server to obtain default settings for the additional configuration options.

8. Check the checkbox labelled **Change the default database to:.** Select **iAccess2\_1** from the dropdown list. Click **Next**.

Microsoft SQL Server DS	SN Configuration
	Change the <u>d</u> efault database to: iAccess2_1  Attach database filename:
	<ul> <li>Create temporary stored procedures for prepared SQL statements and drop the stored procedures:</li> <li>Only when you disconnect.</li> <li>When you disconnect and as appropriate while you are connected.</li> <li>Use ANSI quoted identifiers.</li> <li>Use ANSI nulls, paddings and warnings.</li> <li>Use the failover SQL Server if the primary SQL Server is not available.</li> </ul>
	< <u>Back</u> Next > Cancel Help

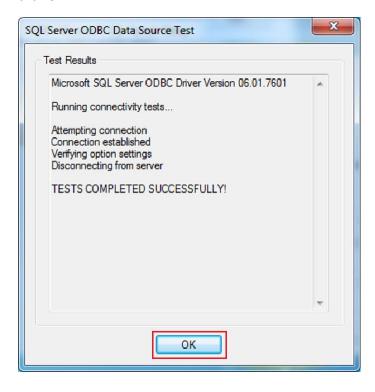
# 9. Click Finish.

Create a New Data Sou	irce to SQL Server	$\times$
	<ul> <li>Change the language of SQL Server system messages to:</li> <li>English</li> <li>Use strong encryption for data</li> <li>Perform translation for character data</li> <li>Use regional settings when outputting currency, numbers, dates a times.</li> <li>Save long running queries to the log file:</li> <li>C:\Users\mstasio\AppData\Local\Temp\QUERY.L(</li> </ul>	
	Long query time (milliseconds):       30000         Log ODBC driver statistics to the log file:       C:\Users\mstasio\AppData\Local\Temp\STATS.LC         C:\Users\mstasio\AppData\Local\Temp\STATS.LC       Brows         < Back	

10. Click Test Data Source.

ODBC Microsoft SQL Server Setup	x
A new ODBC data source will be created with the following configuration:	
Microsoft SQL Server ODBC Driver Version 06.01.7601 Data Source Name: MilleniumXtra Data Source Description: Server: TSTWIN7PC\SQLExpress Database: iAccess2_1 Language: (Default) Translate Character Data: Yes Log Long Running Queries: No Log Driver Statistics: No Use Regional Settings: No Prepared Statements Option: Drop temporary procedures on disconnect Use Failover Server: No Use ANSI Quoted Identifiers: Yes Use ANSI Quoted Identifiers: Yes Use ANSI Null, Paddings and Warnings: Yes Data Encryption: No	•
Test Data Source OK Cance	*

11. The connection to SQL Server will be tested. Verify that the test completed successfully and click OK.



12. Launch the Datacard ID Works Designer application and login to the software. The default login is admin/admin.



**13.** Open template project by clicking on **More projects...** 

Welcome to Datacard ID Works Standard Designer	×
Datacard'	What do you want to do? Create a new project Open a project Sample Corporate
ID Works Identification Software	Open selected project More projects
Datacard ID Works Standard Designer 6.5.848 Serial Number: IS6-Demo	Close

14. Select project Sample Badge and click Open.

Open Project	×
Sample Badge Sample Corporate Sample Government Sample Healthcare Sample Loyalty Sample University	Open Cancel

15. From the menu, select **File > Project Properties**. The **Edit Project Properties** screen will be displayed. Under the **Data Source** section, click the **Select** button.

Edit Project Properties
Data Source Card Production Event Handlers Printer Fonts
Data Source
OLE DB Provider: Select
Cear Cear
Show Table Types
Alias 🔽 Table Synonym
System Table View
Database Login
Use database login settings
Use ID Works user name and password
Use this user name and password
User name
Password Confirm Password
Use schema/owner name to identify tables in Production.
OK Cancel Apply Help

16. The Data Link Properties screen will be displayed. Click on the Connection tab. Choose Use data source name and select the MilleniumXtra data source that was created earlier in this procedure. If you are using SQL Server Authentication, enter the User name and Password, otherwise leave blank if you are using Windows Authentication. From the initial catalog dropdown list, select iAccess2\_1.

📑 Data Link Properties
Provider Connection Advanced All
Specify the following to connect to ODBC data: 1. Specify the source of data:
Use <u>d</u> ata source name
MilleniumXtra 🗸 Refresh
© Use connection string <u>C</u> onnection string: Build
2. Enter information to log on to the server User name:
User <u>n</u> ame.
Password:
Blank password Allow saving password 3 Enter the initial catalog to use:
iAccess2_1
Test Connection
OK Cancel Help

17. Click the Test Connection button to verify that the connection is correctly configured. A message indicating that the connection was successful should be displayed.

Microsoft Data Link
Test connection succeeded.
ОК

- 18. Click OK on the Test connection succeeded message and then click OK again on the Data Link Properties screen.
- 19. On the Edit Project Properties screen, under the Show Table Types section, uncheck Table and check the View checkbox.

Edit Project Properties		
Data Source Card Production Event Handlers Printer Fonts		
Data Source		
OLE DB Provider: Select		
Microsoft OLE DB Provider for ODBC Drivers		
Source:		
MilleniumXtra		
Show Table Types		
Alias Table Synonym		
System Table		
Database Login Use database login settings		
Use ID Works user name and password		
Use this user name and password		
User name		
Password Confirm Password		
Use schema/owner name to identify tables in Production.		
OK Cancel Apply Help		

20. Double-click on Photo. On the Edit Field Properties [Photo] screen, click on the Storage tab. Under Storage Option, select File – select path. In the Path: box, enter the path to the folder where the employee photos are stored.

General	Source	Operator Prompt	Storage	Advanced
Storage Option		Storage Format		
		JPEG File Interchange Format (*,jpg) 🔹		
File - select path     File - use ID Works path		Use JPEG Compression Factor     Compress to Target File Size     minimum     maximum		
	Properties for file nam	e:		
Path	:			<b>_</b>
1.5 0	rogram File	s\Datacard\ID Wo	rks\Photo	s Browse

21. From the menu, select View > Field Connector. In the Data Source section, select CardView from the Table dropdown list. To connect the fields, select the field in the Production Form section and select appropriate field in the Data Source section. Click the left Connect button to connect these fields.

🍋 Field Connector		
Data Source Table: CardsView Column: Card1_CardID Card1_dtActivationDate Card1_dtExpirationDate Card1_dtExpirationDate Card1_dtExpirationTime Card1_nFacilityCode Card1_strCardAccessLevel1 Card1_strCardAccessLevel2 Card1_strCardAccessLevel3 Card1_strCardAccessLevel4 Card1_strCardAccessLevel5 Card1_strCardAccessLevel6 Card1_strCardBadgeType	Production Form Field: Date Valid EmployeeID FirstName LastName Photo	Production Output         Image: Card       Report         Temporary Badge       Image: Card         Field:       Image: Card         Date Valid       EmployeeID         FirstName       LastName         Photo       Image: Card
	onnect Conn Discon	

Refer to the table below to connect the fields:

Data Source Field	Production Form Field
	<mark>Date Valid</mark>
strEmployeeID	EmployeeID
strFirstName	FirstName
strLastName	LastName
strImagePubName	Photo

- 22. Save the project as a new project.
- 23. From the Start Menu, launch the ID Works Production software and open the project that you saved in the previous step.
- 24. Create a cardholder by entering data in the Employee ID, First Name, Last Name and Date Valid fields. Click on the photo field and select the image that will be used as the cardholder photo. Click Save button to save the cardholder record.

실 Datacard ID Works S	itandard Production - MillenniumXtra - New Record		x					
<u>File Record Capture</u>	e <u>V</u> iew <u>H</u> elp							
<u>ک</u> 🔏 ک								
M	<b>CH</b> FCHNOLOGY	Preview: front MACH TECHNOLOGY	*					
First Name	Click on Field to Retrieve Photo Employee ID 18 Richard	03 Richard 13 Rosen						
Last Name	Rosen 03/11/2013 06 Date Valid (System Assigned)	18						
Temporary Employee Badge Form								
Save the current data		NUM Evaluation M	lode					

25. Login to Millennium Xtra and verify that the Cardholder created in Datacard ID Works was imported successfully into the Xtra database.