



SQL Server Installation

Part 2

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Converting the Database to SQL

Confirm that the SQL Server license is installed in The Edge. To do so:

1. From The Edge, go to **Help ► Check for Updates**. You will be prompted to install the new license. Do so.

Configure database settings. To do so:

1. Navigate to **Administrative ► Configuration**. Select **Production Database Settings**.
2. Change the **Database Type** to MS SQL Server.
3. From the **SQL Server** drop-down menu, pick your machine and instance of SQL.
4. Enter the **Username** of sa and **Password** from their Salesforce account record.
5. Leave the **Database** field blank.
6. For **Shared Folder**, enter the database path. It will be similar to the **Photo Path** without the \photos at the end. Fields should appear as follows:

The screenshot shows the 'Production Database Settings' dialog box. The fields are filled as follows:

- Database Type: MS SQL Server
- SQL Server: AJSLLC-11-0040\EDGESQL
- User Name: sa
- Password: EdgeSA22
- Database: (empty)
- Shared Folder: C:\ProgramData\AJSLLC\edge
- Photo Path: C:\ProgramData\AJSLLC\edge\photos\
- Memorized Report PDF Path: (empty)

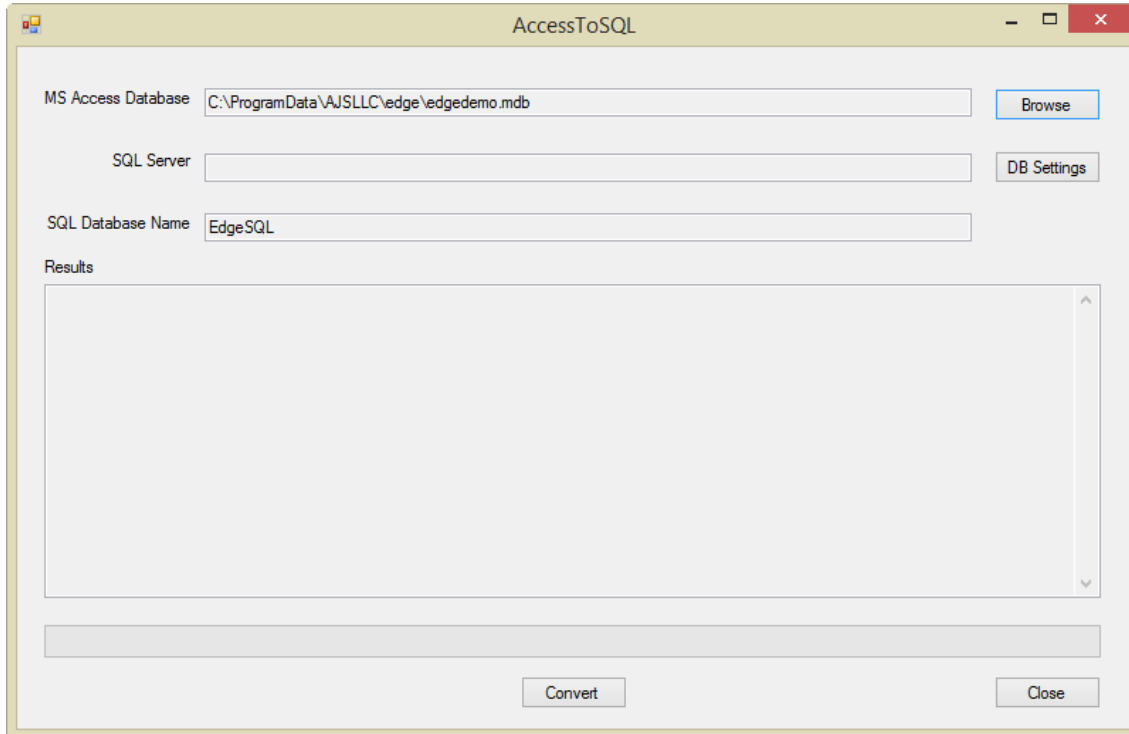
Buttons at the bottom: Test Connection, OK, Cancel.

7. Click **OK**.
8. From the Configuration screen, click OK again.

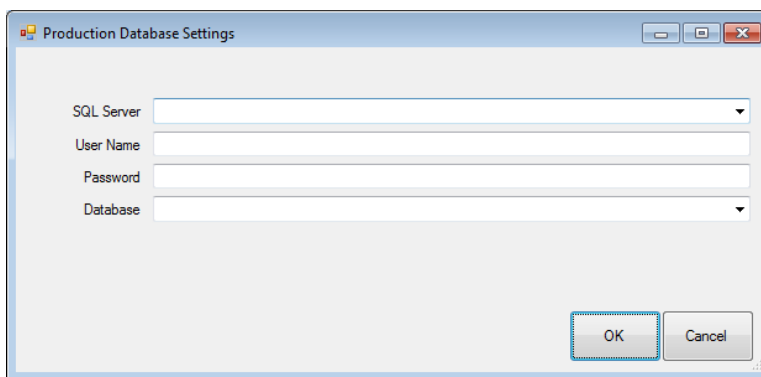
Obtain and run the database conversion tool AccessToSQL:

1. Go to **EdgeUser.com ► Edge Only ► Access2SQL**. Click the appropriate link to download the file, and open once downloaded. The **Production Database Settings** screen will appear.

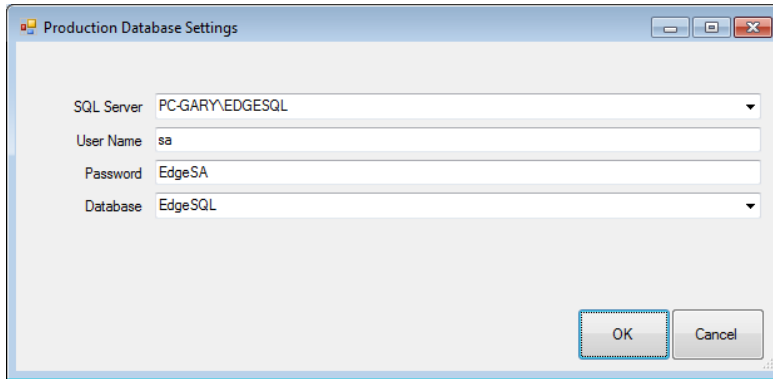
- To run AccessToSQL, navigate to C:\Program Files (x86)\ajsl11c\Edge\Access2Sql and double click on the .exe file. The AccessToSQL interface will open. Follow the prompts until installation is complete.



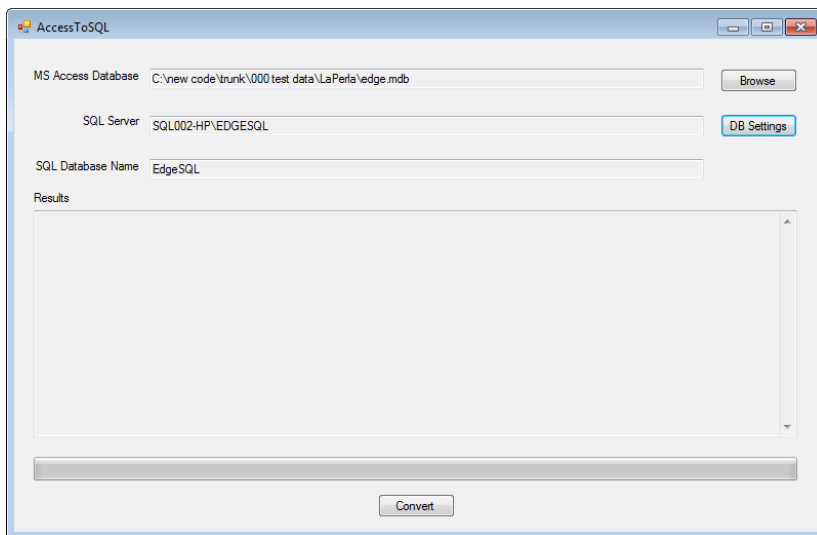
- To select the database to convert, click the browse icon and select the desired Edge database. It may be pre-populated with the current active database.
- For the **SQL Server** field, click **DB Settings**. The **Product Database Settings** screen will appear.



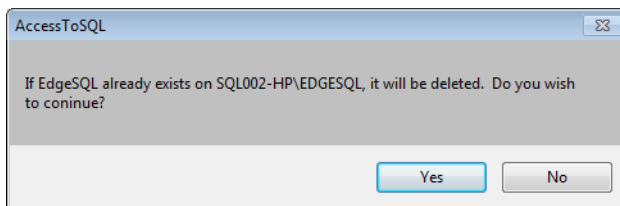
- Populate these fields using the credentials outlined in part 1, using EdgeSQL for Database. The screen which would then look something like this:



6. Click **OK**; the main **AccessToSQL** screen will return, which should now look like:

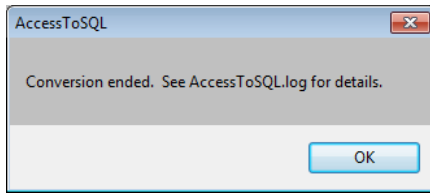


7. Click **Convert**. You'll be prompted to confirm. This may take a few minutes. A message of "Not Responding" is normal. This program will create a database named `EdgeSQL` on SQL Server. You will be asked to delete that database in case it already exists on SQL Server:



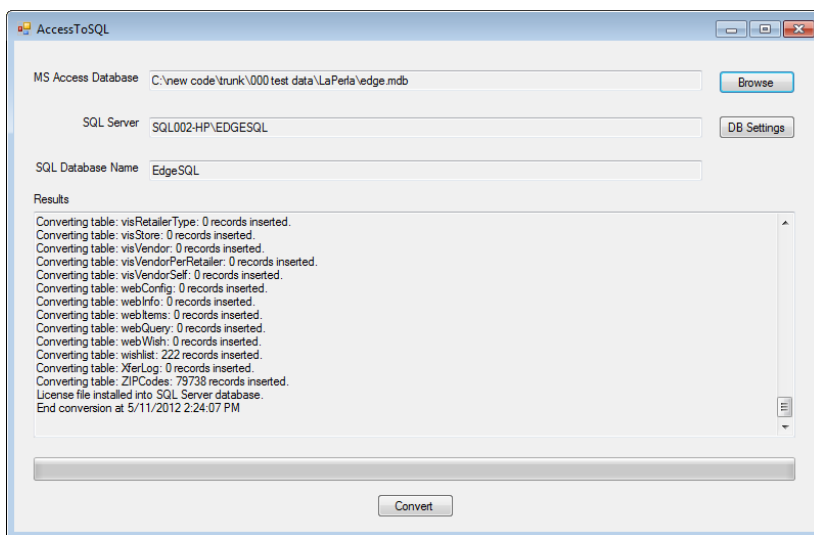
8. Click **Yes** to proceed.
9. The program will internally create a copy of the MS Access database (which will be deleted at the end of this process) and use that copy to bring the data over to SQL Server.
10. The program will create the SQL Server database and copy the data from the MS-Access database to the SQL Server database.

11. When the conversion is complete, a confirmation will appear.



12. Press **OK**. The main **AccessToSQL** screen will appear with results.

13. Scroll to the bottom of the **Results** area. If there were no errors, you should see something similar to this:



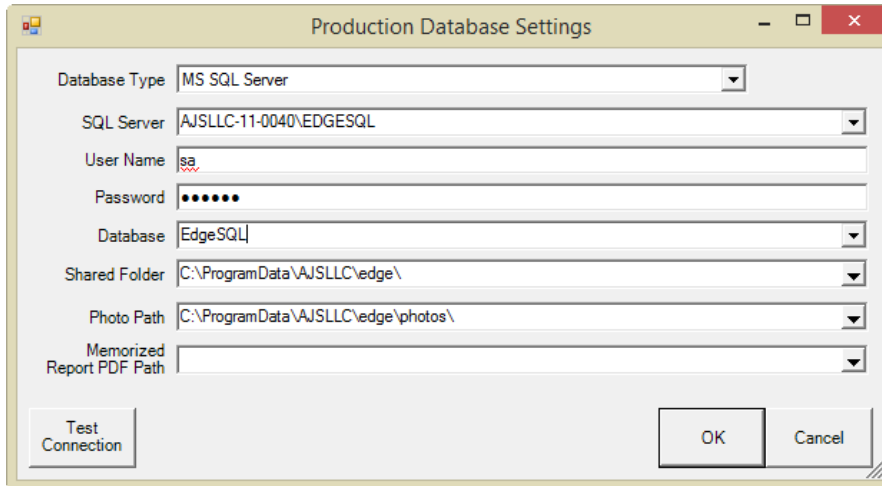
Notice in this example there are no errors listed, which means the conversion was successful. If an error had occurred, the error would have been listed prior to the 'End conversion...' line.

It might be a good idea to test the connection by going to The Edge **Database Configuration** screen and use the **Test Connection** function.

Database Settings

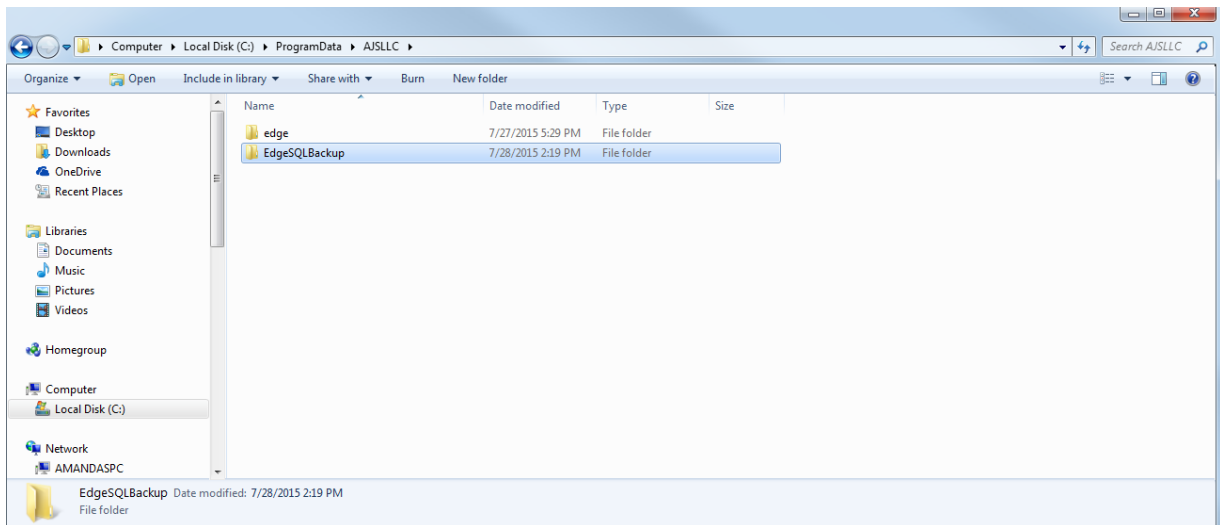
Now that the conversion is done, go back to configure The Edge database settings.

1. Go to **Start ► All Programs ► Abbott Jewelry Systems ► Administrative ► Configure The Edge**. The Production Database Settings screen will appear.
2. You can now populate the **Database** field with the database name, EdgeSQL.



Database Backup

1. Create an EdgeSQLBackup folder under their shared AJSLLC folder. Make sure the folder has **FULL USER PERMISSIONS**.



NOTE: Technicians **MUST** show the customer the location of this backup folder and explain in detail that this is a local backup **ONLY**.

2. Follow each step below in order:
 - Grab the **EdgeSQLBackup.bak** and **DeleteOlder** files (located here: \\ajsvault\Support Team\Software\SQL)
 - Place both in: **C:\Program Files (x86)\ajslc\Edge**
 - Right click on the **EdgeSQLBackup.bak** file and select the option to open in **Notepad**.

- Update the **Backup Directory**, this should be the **backup folder** you created earlier.

```
set BKPDIR=\\theOtherServer\share\EdgeBackupFolder
set SQLINSTANCE=.\EdgeSQL
set DATABASENAME=EdgeSQL
set MMDDYYYY=%DATE: /-=%
set MMDDYYYY=%MMDDYYYY:~-8%
set BKPNAME=%BKPDIR%\%DATABASENAME%.%MMDDYYYY%.bak
set LOGNAME=%BKPDIR%\%DATABASENAME%.%MMDDYYYY%.log
sqlcmd -S %SQLINSTANCE% -Q "Backup database %DATABASENAME% to disk = '%BKPNAME%' -o '%LOGNAME%'"
```

3. Set up a **Windows Task** to run the **.bak** file after hours.
Click the link for steps on setting up the task:
https://edgeuser.com/Portals/0/docs/Scheduled_Task_for_Backup.pdf
4. Set up a **Windows Task** to run the **backup deleter**.
Click the link for steps on setting up the task:
https://edgeuser.com/Portals/0/docs/Scheduled_Task_for_Backup_Deletion.pdf
5. Navigate to: <https://edgeuser.com/Knowledge/Knowledge-Base/installation-edge-backups-backing-up-the-database>, leaving it up for the client to review. Explain to the client where the backups are saved and that it is **configured locally**. It is **their responsibility** to move them off the PC. Be sure they get a copy of the backup doc into their technician's hands. We can email the link to follow up if needed.

Verify PC Power Settings

Before disconnecting from the client, you want to verify the **power options** on **ALL** their PCs are set appropriately.

Steps and screenshots for the correct power settings are outlined in the document linked below:

<https://edgeuser.com/Knowledge/Knowledge-Base/installation-workstation-documents-pc-power-options>

Troubleshooting

Error: Converting Table:

<https://docs.edgeuser.com/InternalDocs/ErrorConvertingPOtable.pdf>

https://docs.edgeuser.com/InternalDocs/ErrorConverting_RepairTable.pdf

Related Documents

http://docs.edgeuser.com/TIP-2014-054_Backing_Up_the_Database.pdf