



Transfer GV-ASManager Database from MDB to SQL Server

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Applied to

GV-ASManager

Summary

This document explains how to transfer GV-ASManager databases from Microsoft Access (MDB) to Microsoft SQL Server (SQL).

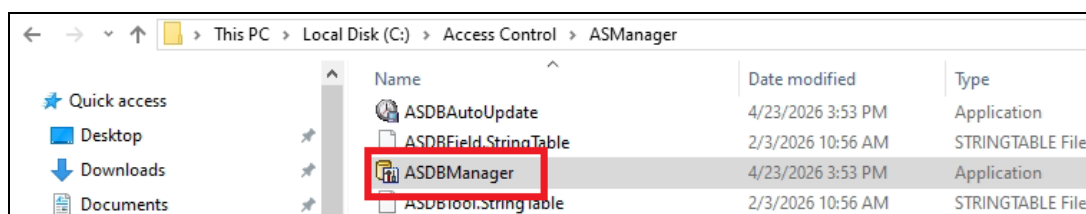
Because Microsoft Access databases have a **2 GB size limit**, using Microsoft SQL Server is strongly recommended for systems with large data capacity requirements.

1. Set Up SQL Server

If your system does not have SQL Server installed, you can install SQL Server Express directly through GV-ASManager (see **Step 4** below).

If you already have SQL Server installed, follow the instructions below to set up the SQL Server connection, but skip **Step 4**.

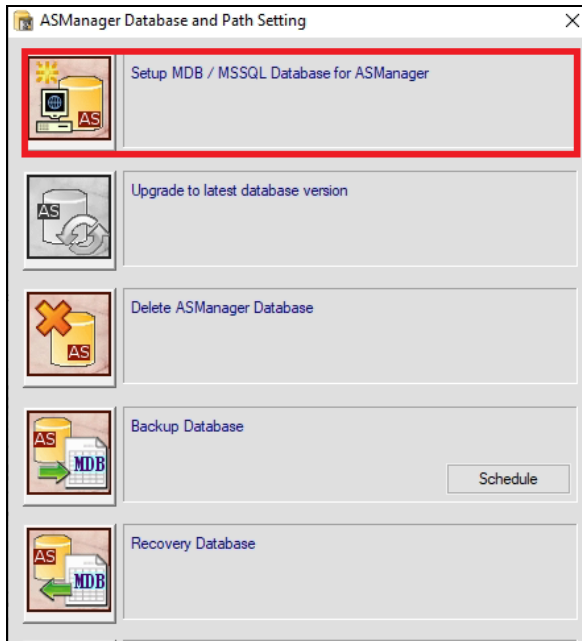
1. Run **ASDBManager.exe** from the installation directory: `\Access Control\ASManager\`



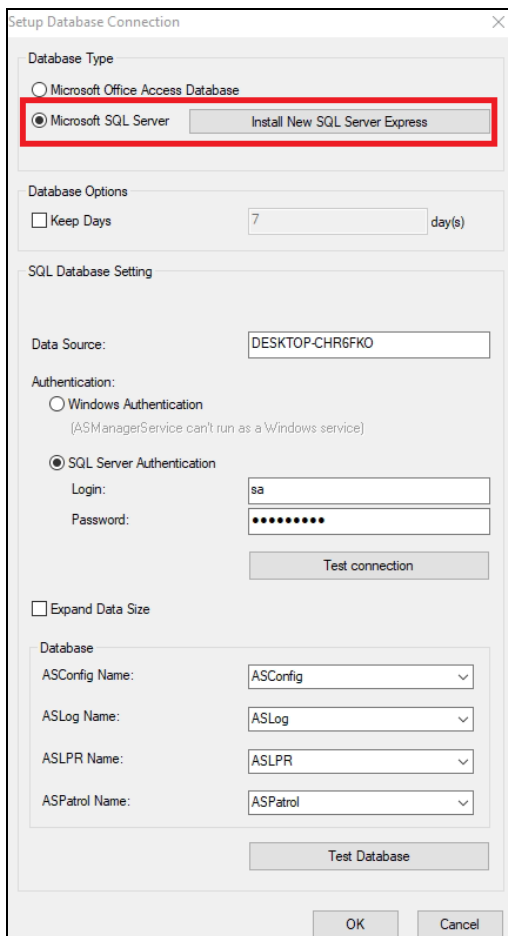
2. Select **ASManager Database and Path Setting**.



3. Select **Setup MDB / MSSQL Database for ASManager**.



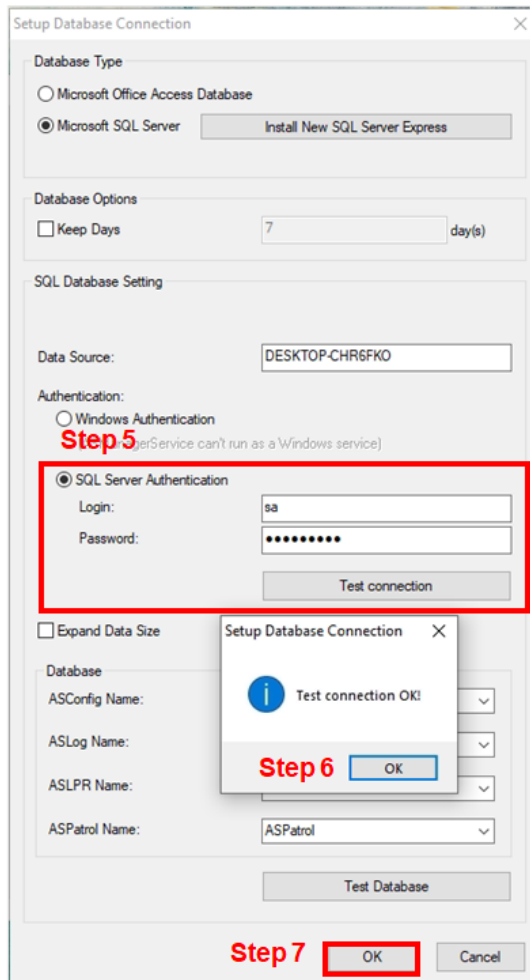
4. In the Setup Database Connection dialog box, select **Install New SQL Server Express** to begin installation.





5. After the SQL Server is installed, enter the SQL Server login credentials: **Login account (default: sa)** and **Password**. Click **Test Connection**.
6. When the system successfully connects, the message "Test Connection OK!" appears.
7. Click **OK** to close the Setup Database Connection dialog box.

The **ASConfig**, **ASLog**, **ASLPR**, and **ASPatrol** databases are now automatically built in the system.



Setup Database Connection

Database Type

☐ Microsoft Office Access Database

☒ Microsoft SQL Server Install New SQL Server Express

Database Options

☐ Keep Days day(s)

SQL Database Setting

Data Source:

Authentication:

☐ Windows Authentication

Step 5 ☒ SQL Server Authentication

Login:

Password:

Test connection

☐ Expand Data Size

Database

ASConfig Name:

ASLog Name:

ASLPR Name:

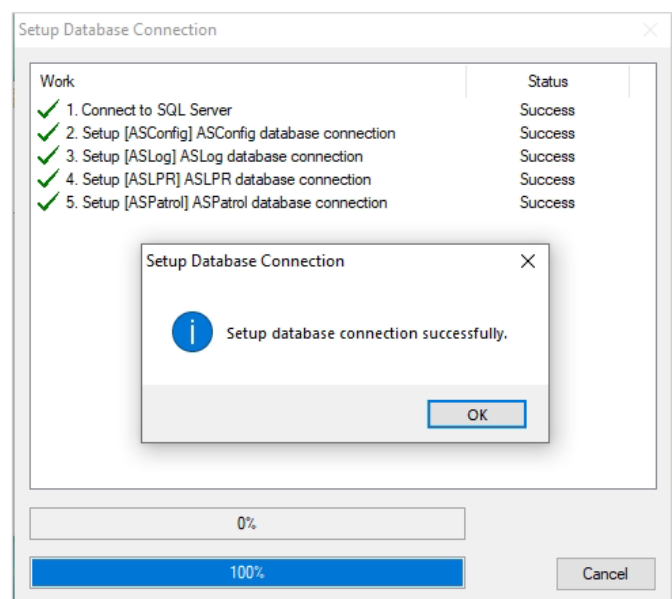
ASPatrol Name:

Test Database

Step 7 OK Cancel

Step 6 OK

Test connection OK!



Setup Database Connection

Work	Status
✓ 1. Connect to SQL Server	Success
✓ 2. Setup [ASConfig] ASConfig database connection	Success
✓ 3. Setup [ASLog] ASLog database connection	Success
✓ 4. Setup [ASLPR] ASLPR database connection	Success
✓ 5. Setup [ASPatrol] ASPatrol database connection	Success

Setup Database Connection

Setup database connection successfully.

OK

0%

100%

Cancel



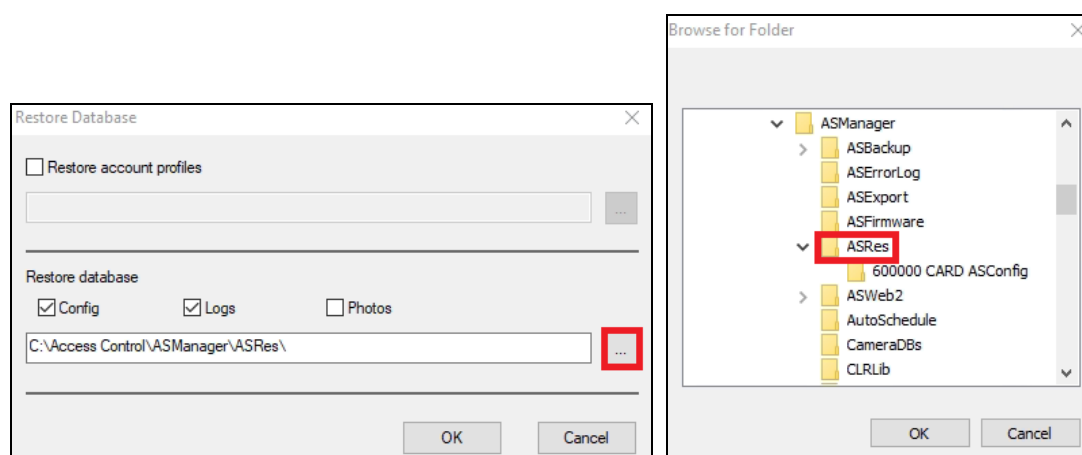
2. Restore the Data

To restore the system settings and databases from Microsoft Access Database to the Microsoft SQL Server, follow the steps below.

1. Run **ASDBManager.exe** from the installation directory: `\Access Control\ASManager\`
2. Select **ASManager Database and Path Setting**.
3. Select **Recover Database**.

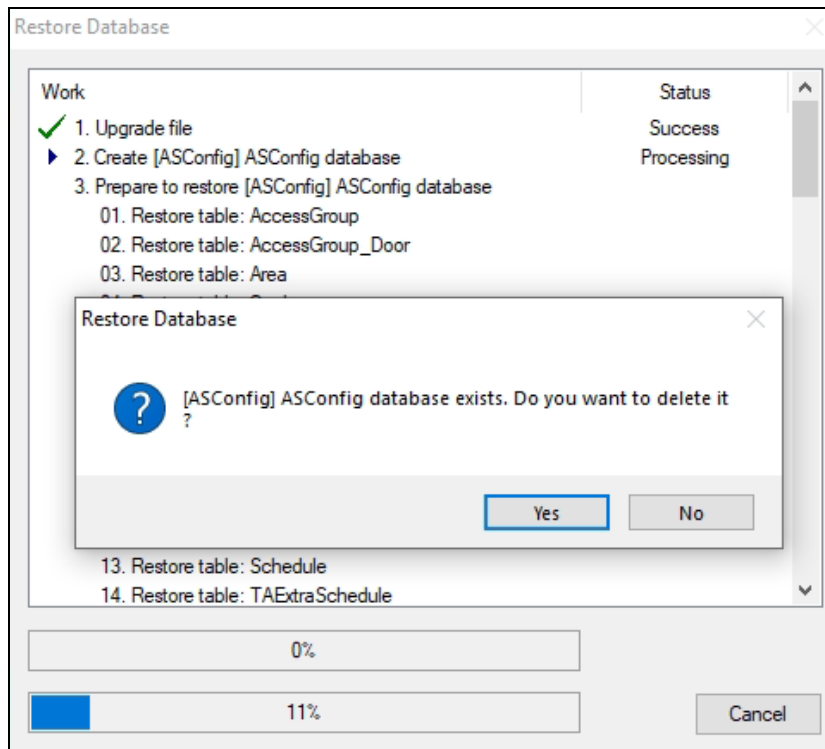


4. Select system settings and databases (**Config** and **Logs**), and choose the database directory: `\Access Control\ASManager\ASRes`





5. Click **OK** to start restoring. During the restore process, a prompt asks whether to delete the existing **ASConfig**, **ASLog**, **ASLPR**, or **ASPatrol Log** data. Click **Yes** to continue.



6. After the system settings and databases are successfully restored, close the **ASDBManager** tool and verify whether the data (User List, Card List, Controller List, and Access Log) is restored properly.