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Home

**How do you migrate an
AccessDB of the Plant
Automation Accelerator or
COMOS to an SQL server?**

Plant Automation Accelerator / AccessDB

<https://support.industry.siemens.com/cs/ww/en/view/109751358>

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1 Introduction


Different databases can be used with PAA and COMOS. It is easiest and quickest to incorporate the local Access database. This is also the case in the as-delivered status. However, the maximum size of an Access database is limited so it is necessary to switch to the SQL database.

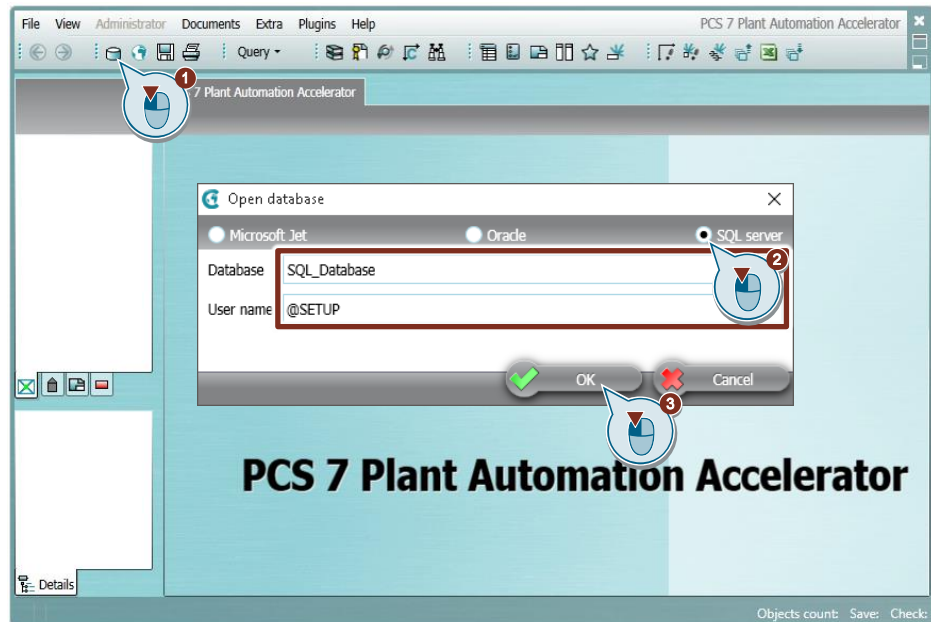
This document describes how to migrate an Access database to an SQL database. For this you first have to connect the SQL database to PAA or COSMOS (see Entry ID: [109751359](#)).

2 Prepare the SQL Server for Plant Automation Accelerator / COMOS

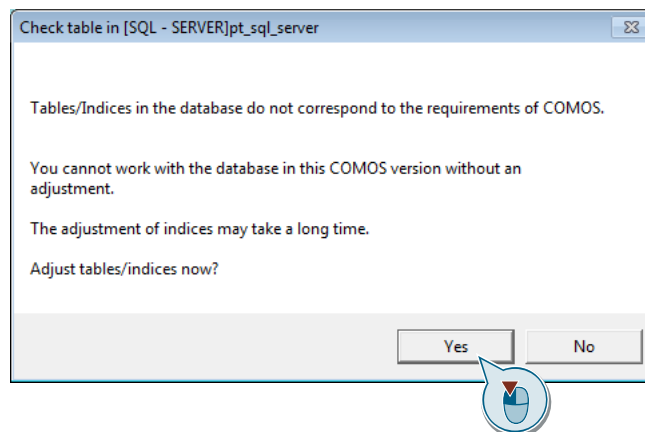
1. Open the Plant Automation Accelerator (PAA)

NOTE In The following entry only PAA will be mentioned. In COMOS you can migrate your Access database to an SQL database with the same steps.

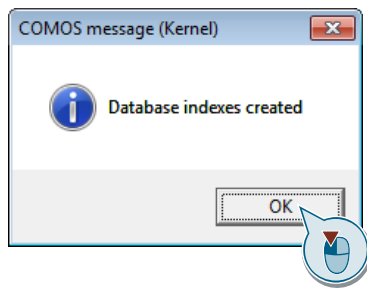
2. Click the "Open database" icon .
3. In the "Open database" dialog you enable the "SQL server" option field and in the "Database" and "User name" drop-down list boxes you select the relevant items.
4. Click "OK".



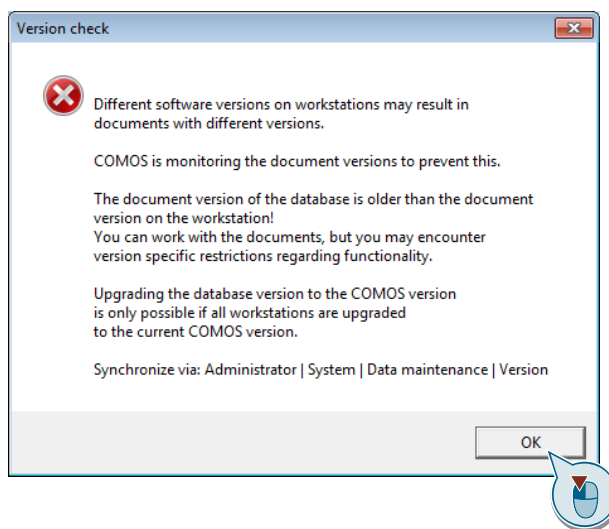
5. Confirm the "Check table in..." message by clicking the "Yes" button.



6. Confirm the "Database indexes created" message by clicking the "OK" button.



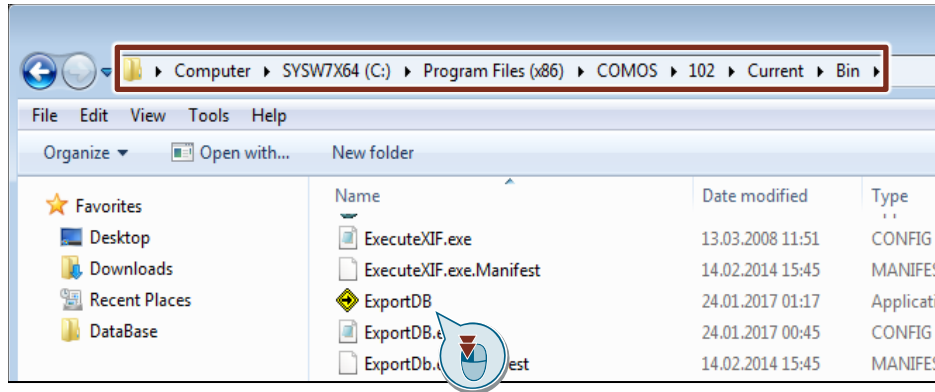
7. Confirm the "Different software versions on workstations..." message by clicking the "OK" button.



8. Close the PAA.

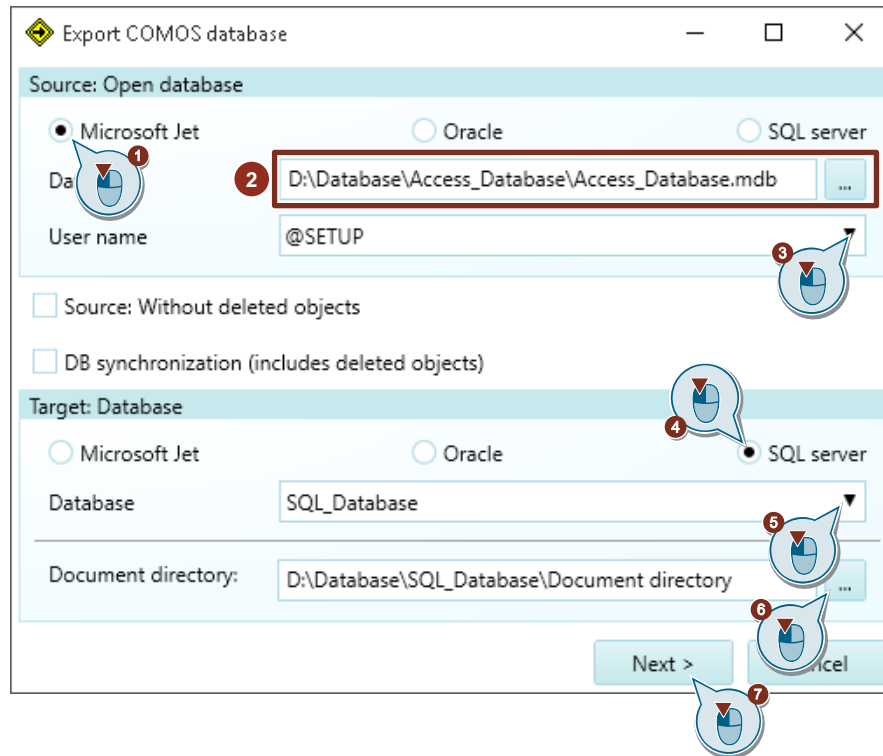
3 Migrate the Access Database to the SQL Server

1. Open the path "C:\Program Files (x86)\COMOS\102\Current\Bin" and double-click the Setup file "ExportDB.exe".



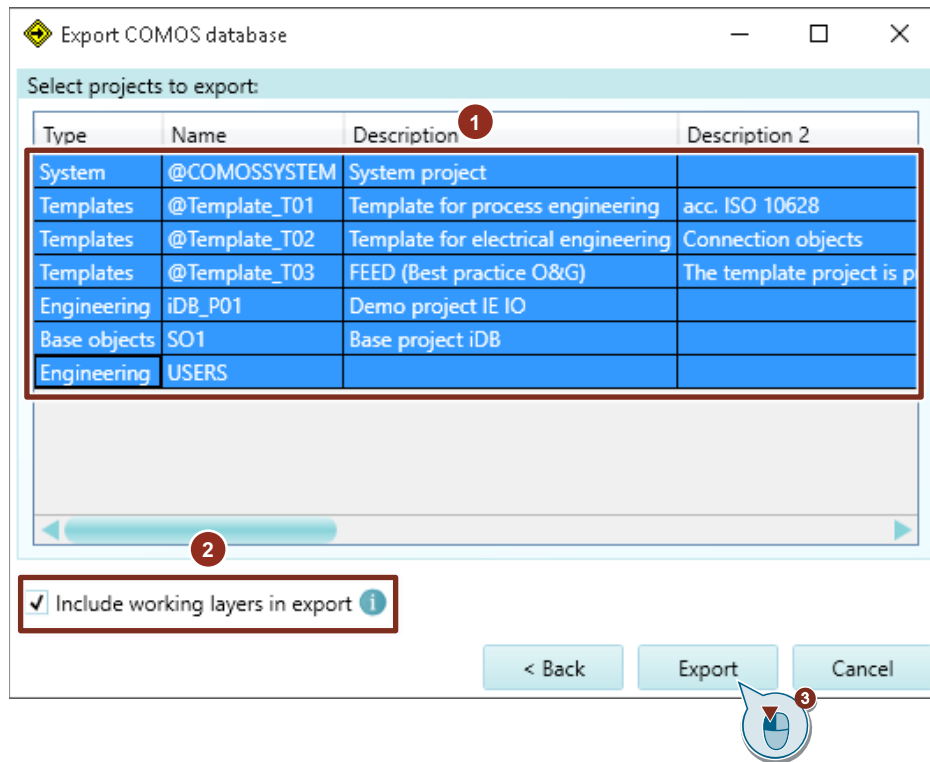
3 Migrate the Access Database to the SQL Server

2. Configure the „Export COMOS database“ window as follows:
 1. Select the „Microsoft Jet“ checkbox.
 2. Select your Access Database.
 3. Open the „Username“ drop-down list and select „@Setup“.
 4. Select the „SQL server“ checkbox.
 5. Open the „Database“ Drop-down list and select your SQL database.
 6. Select your „Document directory“.
 7. Click on „Next“

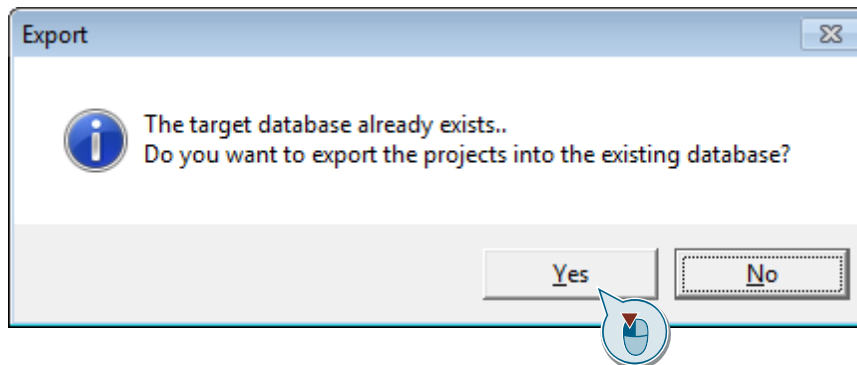


3 Migrate the Access Database to the SQL Server

3. Mark the project to be migrated and click the "Export" button.

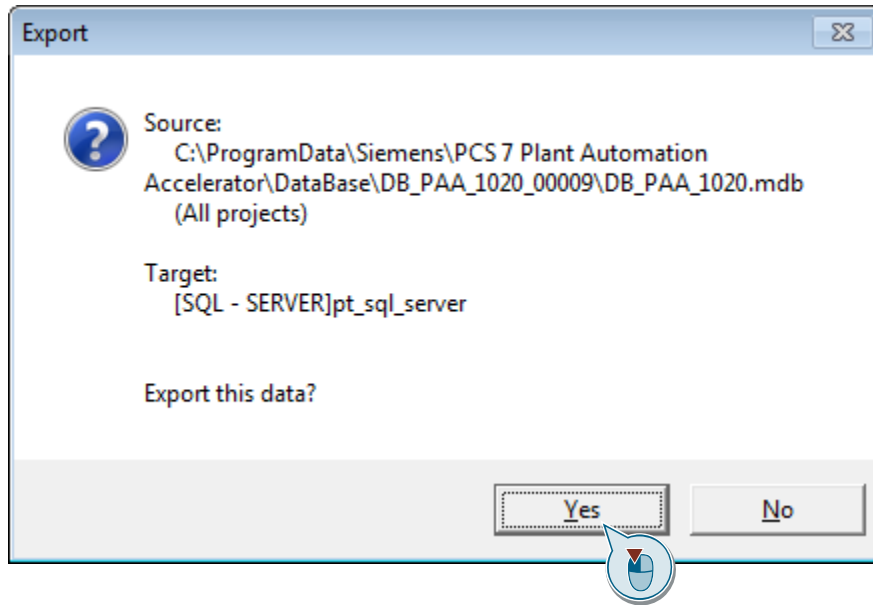


4. Confirm the "The target database already exists..." message by clicking the "Yes" button.



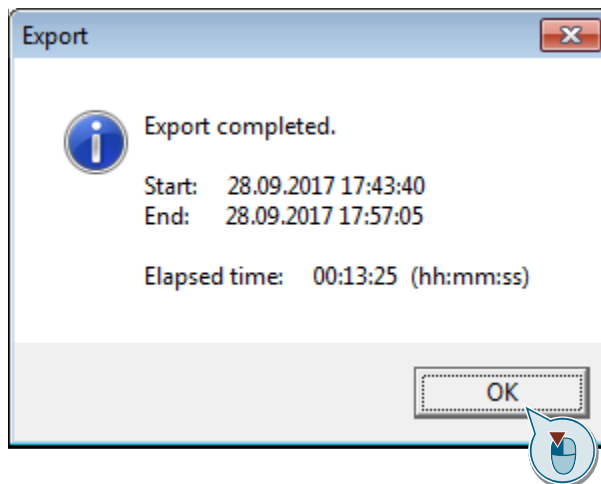
3 Migrate the Access Database to the SQL Server

5. In the "Export" dialog field check the "Source" and "Target" data and then click the "Yes" button.




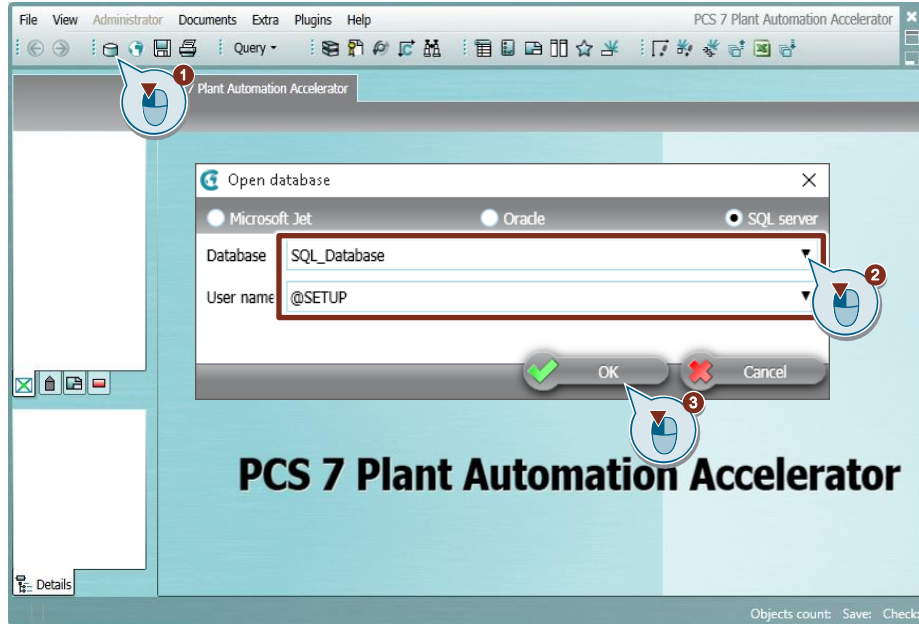
The export process takes several minutes depending on the data volume.

6. In the "Export completed..." click the "OK" button.



4 Open the SQL Database in PAA / COMOS

1. Open the PAA.
2. In the task bar you click the "Open database" icon .
In the "Open database" dialog you enable the "SQL server" option field and in the "Database" and "User name" drop-down list boxes you select the relevant items. Click "OK".



Result

You have migrated your Access database to a SQL database.