**How to transfer the PecStar database to a new server**

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This topic explains how to transfer the PecStar database to a new server.

You can either use PecStar database manager or SQL Server Management Studio to transfer the database.

**Method 1: backup and restore the PecStar database using PecStar database manager**

The PecStar software has a database manager utility to help database maintenance, which can be used to perform backup, restore, export, import, clear, auto-export, and data sync tasks.

Please follow the steps below:

1. **backup** the PecStar database using PecStar database manager on the old server
2. copy the backup files (.bak) from the old server to the new server
3. install the PecStar on the new server, please enter the **same project name** as the old server
4. **restore** the PecStar database using PecStar database manager on the new server
5. start PecConfig and change the **computer name** and **IP address** to the new server in **System Network** properties

Please refer to *<PecStar iEMS V3.5 User Guide\_Chapter 12\_DatabaseManager>* for details.

**Method 2: detach and attach the PecStar database using SQL Server Management Studio**

The PecStar software has a database manager utility to help database maintenance, which can be used to perform backup, restore, export, import, clear, auto-export, and data sync tasks.

Please follow the steps below:

1. **detach** the PecStar database using SQL Server Management Studio
2. copy the physical files(.mdf, .ldf, .ndf) from the old server to the new server
3. **attach** the database to the new server
4. install the PecStar on the new server, please enter the **same project name** as the old server
5. start PecConfig and change the **computer name** and **IP address** to the new server in **System Network** properties

Please refer to *<SQL Server on-line help: database attach and detach>* for details.