**SOP of Backing up the PecStar iEMS V3.5 Database**



**Use Database Manager to back up the PecStar V3.5 Database**

The backup action can create an entire backup for the PECSTAR\_CONFIG and PecStar\_DATA databases. Here are the steps:

1. Confirm the connection information of the database that you want to backup. Make sure the information is correct. Please refer to [**Specify a Database Connection in DatabaseConfig**.](#Specify_a_Database_Connection)
2. Start the **DatabaseManager.exe** program in the D:\CET\Common path.
3. Click **Backup** on the left list. It will bring you the following interface:



**Source**: select the database that you want to backup. You can back up either the **Configuration database** or the **Data database** or both of them. If you choose Configuration, the configuration and data structure will be backed up.

**Destination**: click the browse button  to specify a location to save the backup.

1. Then click the **Backup** button . Only users with the **Backup Historical Data** authority can back up the database. Input the user name and password.



1. Click **OK** to begin the backup process.



1. Click **Close** when completed or click **View logs** to see details.



If you choose to backup both the Configuration and the Data database, then two files will be generated:



For backing up only the Configuration database, three files will be generated:



For backing up only the Data database, one file will be generated:



**Specify a Database Connection in DatabaseConfig**

The DatabaseConfig program is used to specify the PecStar iEMS database connection. It helps you to modify and defined the main and standby database server connections of PecStar iEMS.

Double-click the **DatabaseConfig.exe** program in the in the **D:\CET\Common** path of the PecStar iEMS install path. Then it will bring you the PecStar Database Connection interface. Check all the information and see if they are correct.





**Project Name**: the name of the database for iEMS.

**Database**: the connected database instance of PecStar iEMS.

**Connect Type**: If the database server is SQL Server edition, please select SQLOLEDB.1.

**Use Windows Authentication**: select this if the SQL Server Login required the Windows authentication. Generally, the PecStar iEMS database uses the SQL Server authentication that requires a user name and password.

**Stand-by Database**: select this if a standby database server is connected. And then input the database instance and user account information in the following boxes.

**Dserver Location**: input the computer name or IP address where the main Dserver module is located.

**Stand-by Dserver**: input the computer name of IP address where the standby Dserver module is located.

Click OK, the program will save the information you input.