Wasp Database Manager Online Help

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Welcome

Welcome to the Wasp Database Manager Online Help. This product will assist you in creating and maintaining your databases.

Enterprise Version Users: The Enterprise version of MobileAsset allows you to create separate databases for multiple companies by using the Database Manager (DB Manager).

Professional Version Users: The Database Manager can be used to backup, restore and maintain your database from a PC without a Client installed. This allows your IT manager to install the Database Manager and maintain your database without using a client license.

The following topics are covered in this Online Help System:

Accessing the DB Manager
Connecting to the Database Server
Creating/Migrating a Database (Enterprise Version Only)
Using the Existing Databases Tab
Backing Up Your Databases

Accessing the DB Manager

There are three ways to open the DB Manager:

1. Select **Start > All Programs > MobileAsset > Wasp Database Manager**. **This is the most commonly-used method.**

2. Navigate to the installation folder (usually C:\\Wasp Technologies\MobileAsset\Database) and click on the .bat file to open the DB Manager.

3. Run CMD and use the Command Line Arguments <Path> /MA /ENT. The default path is C:\Program Files\Wasp Technologies\MobileAsset\Database\Database\WaspDBInstaller > WaspDatabaseManager /MA /ENT

Connecting to the Database Server

After accessing the DB manager, you may need to log in to the database server. By default, the DB manager will access the local Wasp database server. If the database server is found locally, you will not see this screen. The DB Manager will open with the **Existing Databases Tab** displayed. If the database server is on a different machine, you will see this tab.

1. Select the **Database Server** to which you want to connect. You will not be able to modify or add databases until you connect to the database server.

   The database server was installed when you installed MobileAsset. During the installation you were prompted to make a note of the machine name where the database server was installed. The server name will be <machine name>\WaspDBExpress. For instance, if the name of the machine where you installed the database server is MyMachine, the server name will be MyMachine\WaspDBExpress.

   The Database Manager may auto-fill the **Database Server** field with the machine\server name. If it does not, you can manually enter it or click the **Browse for Database** button next to the field. When you click **Browse for Database**, the drop down list in the **Database Server** field will populate with a list of all databases found on your network.

2. Enter the access code you created when installing the Database Manager.

3. If you have sufficient security privileges on the machine where the database server is located, select the **Use Integrated Security** checkbox. This allows you to access the use the Database Manager without having to enter your user name and password (your network user name and password will automatically be used).

   If you do not have sufficient security privileges under your own network name and password, enter sa in the user name field and your password.

   If you entered a new password for the Database Manager during installation, you must enter that here instead of using the sa password.

4. Click the **Connect** button when you have entered all information. When you are successfully connected to the database server, the other tabs on this screen will become available.

Creating/Migrating a Database

Enterprise Version Only

To use MobileAsset for multiple companies, you will need to create a separate database for each company. For example, if you will be using MobileAsset to track assets for two companies, you can use the default WaspTrackAsset database, plus one additional database that you create.

Creating a New Database
Migrating an Existing Database

Creating a New Database

1. After **Connecting to the Database Server**, click on the **Create New Database** tab.

2. Enter the name of the company you want to associate with this database in the **Company** field.

3. Enter the **Database Name**. The name will be WaspTrackAsset_<number or name of your choice>. The number defaults to be sequential, so if this is the first database you are creating (besides the default WaspTrackAsset database), the number will be 01. To change this number, click in the field and type a new name or number.

4. Click the **Create Database** button.

Note for Vista Users: If you are running the Vista operating system, you may see the following screen after you click the **Create Database** button:

Click **Run** on this screen to continue creating your database.

5. The **Wasp Database Installer** will open:

Click **Next** to install. You may briefly see progress messages scroll across the screen.

6. The following screen appears next:

Click the **Install New** button. (**Note:** If you are migrating or updating an existing database, please see the section on **Migrating an Existing Database**.)

7. You may see progress messages scroll across the screen. When the installation is completed, you will see the following screen:

Click the **Finish** button to close the Wasp Database Installer.

Your new database will now appear on the **Existing Databases** tab.

Migrating An Existing Database

1. First you will need to detach the database from its existing location. To do this, open **SQL Server Manager** and navigate to the database. Right click on the database and select **All Tasks > Detach Database**.

2. The **Detach Database** screen appears:

Click the **OK** button.

3. When the database has successfully detached, the following message appears:

Click the **OK** button. WaspTrackAsset will disappear from the database list.

4. Next, move the associated .mdf and .ldf files from SQL Server to a location on your local machine (or on the machine where you will be migrating the database).

5. Open the DB Manager and click on the **Create New Database** tab.

6. Enter the name of the company you want to associate with this database in the **Company** field.

7. Enter the **Database Name**. The name will be WaspTrackAsset_<name or number of your choice>. This number defaults to be sequential, so if this is the first database you are creating (besides the default WaspTrackAsset database), the number will be 01. To change this number, click in the field and type a new name or number.

8. Click the **Create Database** button.

   Note for Vista Users: If you are running the Vista operating system, you may see the following screen after you click the **Create Database** button:

Click **Run** on this screen to continue creating your database.

9. The **Wasp Database Installer** will open:

Click **Next** to install. You may briefly see progress messages scroll across the screen.

10. The following screen appears next:

Click the **Yes** button.

11. The following screen appears asking for the location of the .mdf and .ldf files.

Navigate to the location where you moved the files, then click the **OK** button.

12. Next a screen appears asking you to backup your database.

Click **Backup Database Now** to accept the default backup location, or click **Backup to Different Location** to select a custom directory or name for your backup file. If you want to create the backup later, click **Skip Backup**.

13. Click the **Finish** button to close the Wasp Database Installer.

Your new database will now appear on the **Existing Databases** tab.

Using the Existing Databases Tab

This tab lists all databases you have created or migrated. This tab also allows you to perform basic modifications to the database such as changing the company name.

The features available on this tab are:

Updating a Company Name - This option allows you to modify the company name associated with a database.
Re-running the Script - This option allows you to make sure your database is up-to-date and upgrade it if it is not.
Repairing Configuration - This option enables MobileAsset to ensure your list is an accurate reflection of the databases you currently have installed.

Updating a Company Name

This option allows you to modify the company name associated with a database.

1. Click on the **Existing Databases** tab.

2. Highlight the listing you want to modify.

3. Click the **Update Company** button. The following screen appears:

4. Enter the new name for this company.

5. Click the **OK** button.

Re-Running Scripts

The Re-Run Script feature allows you to re-run the installation script on the selected database to ensure it is structurally up-to-date. This is similar to a controlled upgrade.

1. On the **Existing Databases** tab, highlight the database on which you want to re-run the script.

2. Click the **Re-Run Script** button.

   Note for Vista Users: If you are running the Vista operating system, you may see the following screen after you click the **Create Database** button:

   Click **Run** on this screen to continue creating your database.

   The **Wasp Database Installer** will open:

3. Click **Next** to install. You may briefly see progress messages scroll across the screen.

4. If the database is up-to-date, the following message will appear:

If the database is **not** up-to-date, the Installer will continue. You may see a series of progress messages scroll across the screen. When the scripts have finished running, you will receive a confirmation message.

5. Click the **Finish** button.

Repairing Configuration

The **Repair Configuration** feature makes sure your list is an accurate reflection of the databases you currently have installed. For example, if you initially create 3 databases for 3 companies, then later manually delete one of the database, the Existing Databases tab may still display 3 databases. Running the **Repair Configuration** feature will update your list.

1. Click the **Repair Configuration** button.

2. The **Database Manager** will check to make sure the items displayed in your list match up with the actual databases saved. If no change is needed, a message will appear stating your list is up-to-date. If a change is noted, the old database will be removed from your list.

Backing Up Your Databases

This tab allows you to backup your database to a the default SQL server location or to a specified location. Backing up your database is an important maintenance step that should be performed on a regular basis. Having a current backup helps to minimize data loss in the case of a system shut down or power failure. If you do experience a catastrophic system failure of some kind, having a current backup ensures you can quickly restore the most recent database.

Backing Up Your Database:

1. Click on the **Backup Database** tab:

2. Select the database you want to back up from the **Select Database** drop down list.

3. You can accept the default SQL Server backup location:

   C:\Program Files\Microsoft SQL Server\MSSQL.1\MSSQL\Backup,

   or you can click the **Browse** button to save the backup to a different location. If you change the backup folder, remember that the folder must be set so that SQL Server has rights to access it.

   Note: The **Browse** button will ***NOT*** appear if the DB Manager is installed on the same machine where the database is installed.

4. Click the **Backup Database** button when you are ready to create your backup. Your new backup will appear in the list as shown below:

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