PBC SQL Database Automatic Install Tool
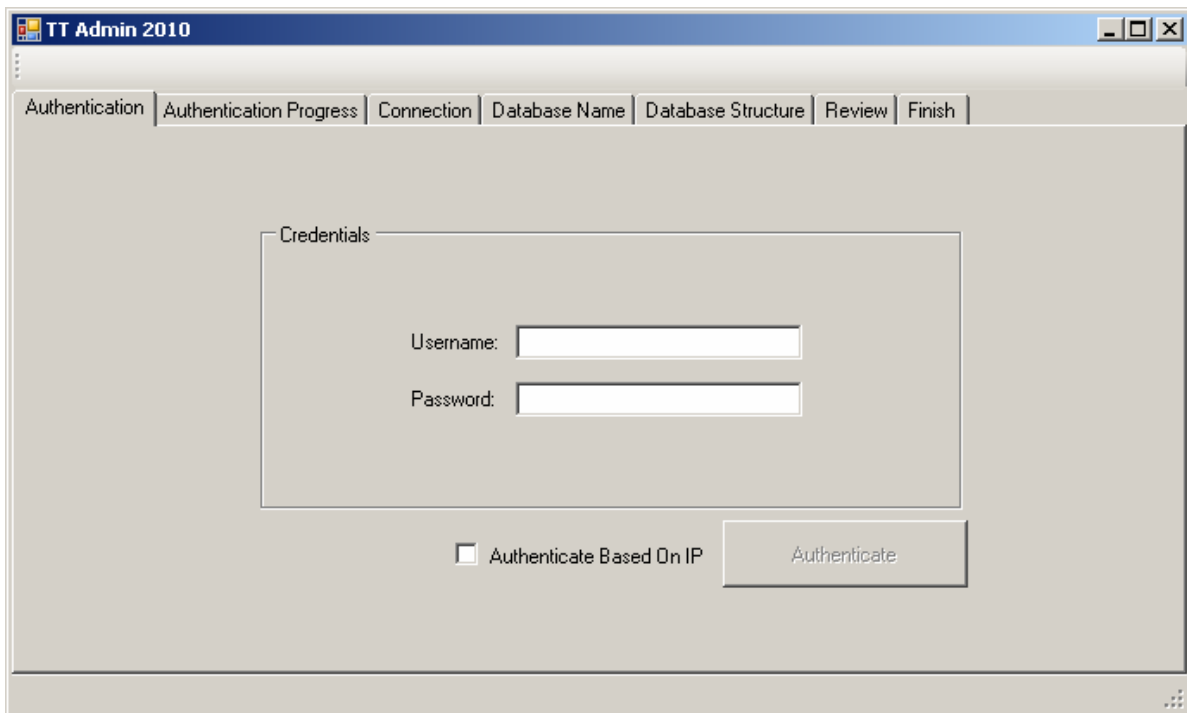## – USER'S MANUAL –

I. PURPOSE AND INTENDED AUDIENCE

To describe the process for setting up a SQL database for the Triteq Autotraq software. The guide is intended for SQL administrator or any user that has admin privileges on the SQL server that will be hosting the database.

II. INSTALL PROCESS

1. STARTING THE "SQL Setup" UTILITY

    Locate the TTAdminTool on the installation CD-Rom. Double-click the My Computer icon. Open the CD Rom drive where the Triteq setup disk is loaded. Browse to the SQL Setup folder. Double click the TTAdminTool to start the utility. Then follow the onscreen steps to perform the setup. Enter PBC credentials.

2. CONNECTION SETUP

    Before starting the automated install process the user will be required to select a valid SQL server (in the SQL Server textbox, see Image 1) and provide credentials in order to log on to the specified server using an account that has administrator privileges (use the User and Password textboxes, see Image 1). The account that will be used to perform the setup needs to be a valid log-in account on the target SQL Server. It is not a new account and will not be created by the setup process.

After typing the information in the textboxes, verify the data once again, and then proceed to the next step by pressing the Next button. You may return to this screen at any time by pressing the Back button or by using the tabs at the top of the window.
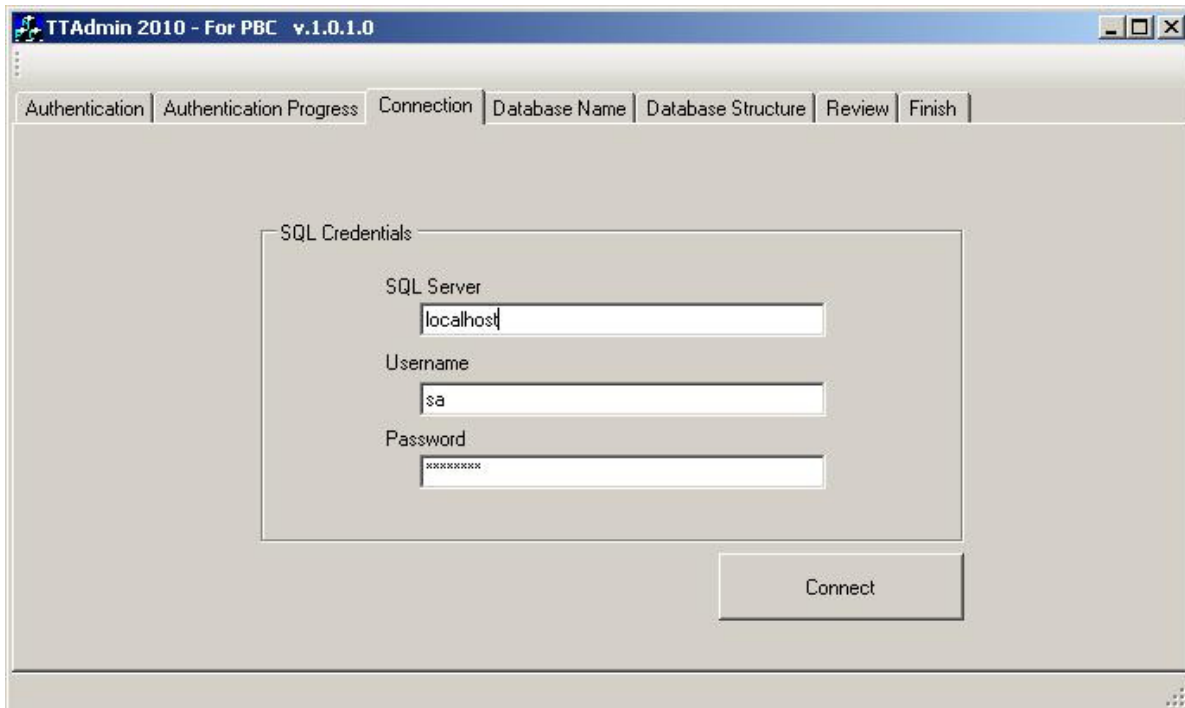

Image 1. The connection setup screen

3. DATABASE SETTINGS

In this step the user will be selecting the name for the new database that will be created as a result of the SQL Setup utility. Also the user will have the option to indicate the desired location on the SQL Server where the database files will be created. **Attention! The selected folder must be an existing folder on the system hosting the target SQL Server. The utility will not create the folder for you.**

> *OPTIONAL INFORMATION: the utility will create two files; the database file, using the database name suffixed with "_data" and a transaction log file, using the database name suffixed with "_log".*

There is also the option to use an existing database on the SQL Server. Although not recommended, the user may uncheck the Create Physical Database checkbox which will skip creating a new database. Instead, the utility will attempt to use an already existing database by the name indicated in the Name textbox.

Be aware that when using an existing database, the utility will drop certain pre-existing tables and stored procedures and replace them with the latest version. Also the setup utility will change the owner of the database and will change the user privileges on the tables and stored procedures in this database.

The Drop button at the right end of the Name textbox can be used to detach and physically remove an existing database, identified by the name specified, from the target SQL Server. This option is available if you wish to remove an older database before installing the new version, or if a previous installation failed and you wish to start over using the same

database name. **Attention! Dropping a database from the SQL server results in loosing any information contained in that database.** *It is recommended to back-up any sensitive data in that database prior to using this option.*

Verify your options and proceed to the next step by pressing the Next button. You may return to this screen at any time by pressing the Back button or by using the tabs at the top of the window.
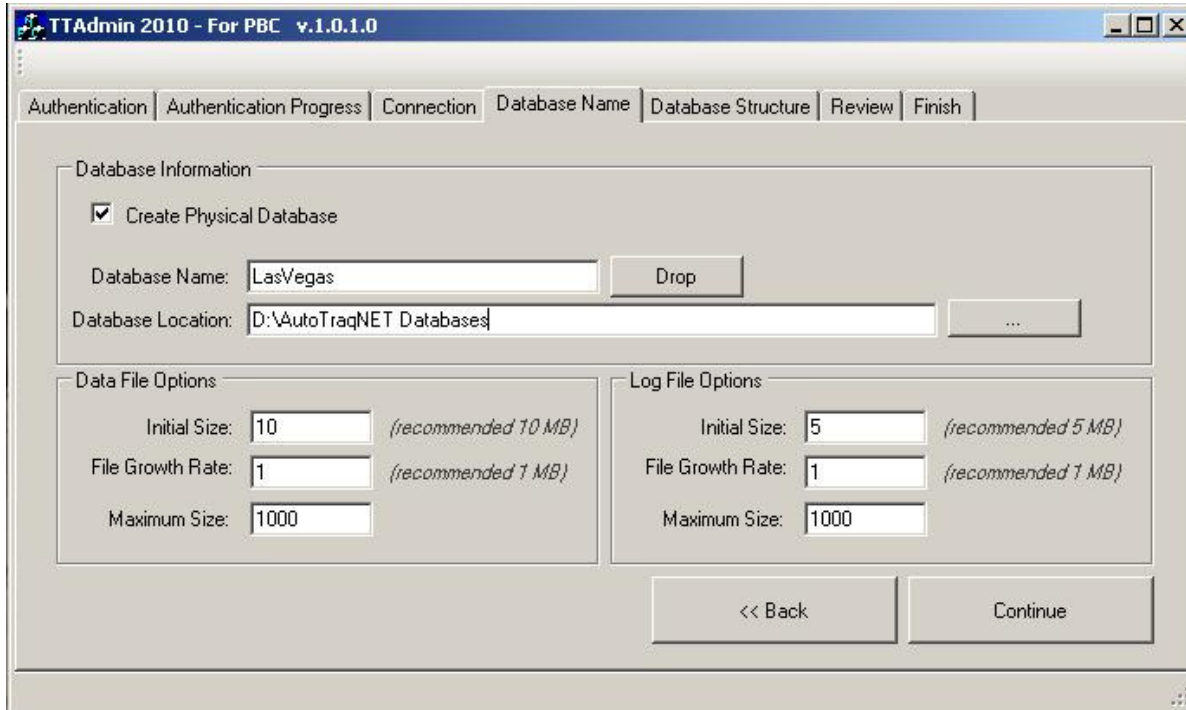

Image 2. The database screen

4. The Data Structure Settings

This screen offers the user the possibility to turn certain aspects of the installation on or off. Please note that all the options are required in order to produce a valid database that later can be used with the Autotraq software and they shouldn't be turned off.

The reason some or all of the options may be turned off is to give the user more freedom in configuring the database. In the event that an installation is not successful the user has the capability to disable the option(s) that have caused the error(s) and then rerun the setup utility at a later time with only that option selected (In case this is required, the Create Physical Database checkbox (see section 3) has to be unchecked)

If the Create Physical Database checkbox is unchecked (see Section 2) this screen can be used to specify which parts of the previously selected database should be rebuilt. Thus, the user has the capability to rebuild the tables (the Create Tables checkbox), the stored procedures (the Create Stored Procedures checkbox), re-assign users and privileges (the Create Users checkbox) and/or ensure the necessary initial data is properly set in the database (the Populate Tables checkbox)

All the selected options and their implications are outlined in the Overview screen in the text box. Use the scrollbar to view the full summary of the execution plan. Refer to the next section for more information about the execution plan and order of operations.
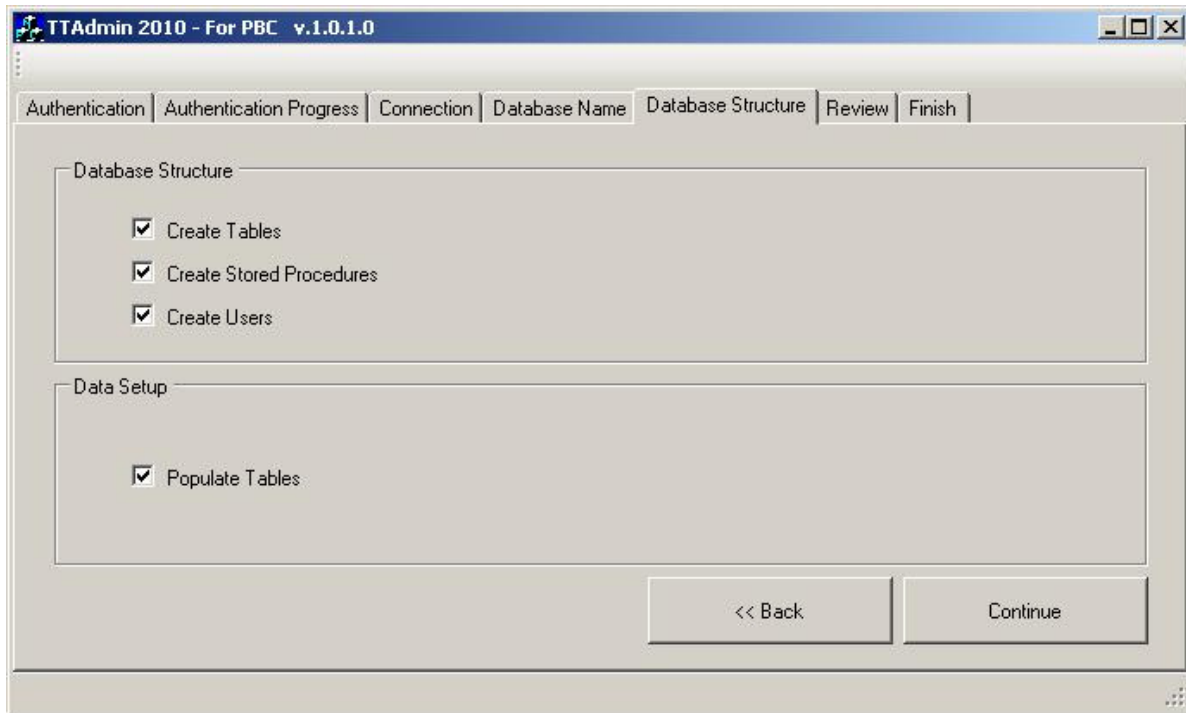
Image 3. The settings screen

5. The Overview Screen

This is the final review of the selected options before going ahead with the installation. There are two textboxes on this screen; one that outlines the execution plan steps and one that will present the result of each step of the execution.

Review the options, click the Back button if you need to make any modifications and press the Finish button when ready to begin the installation.
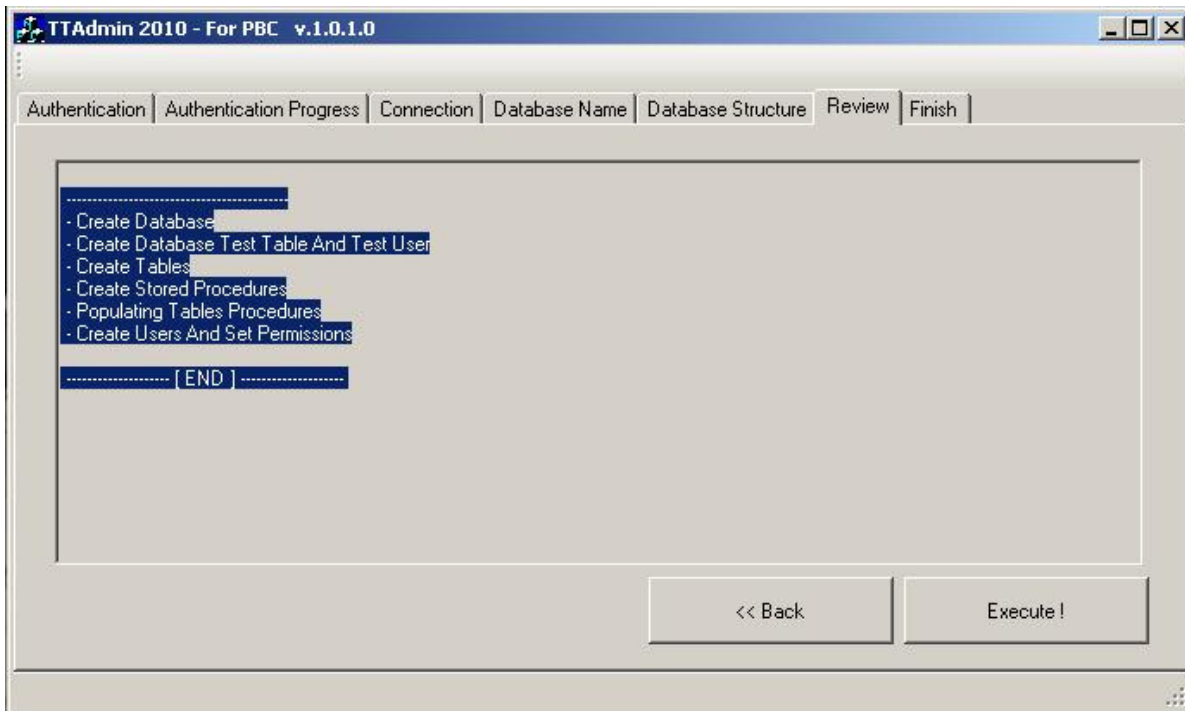
Image 4. Execution Plan

After clicking the Finish button the Execution Steps textbox will display each step with the result. When a step is successful it will display OK (see below) and when a step fails it will display FAILED. Some steps require previous steps to be successful in order to execute. Such steps will be skipped in the event that the previous required steps failed.
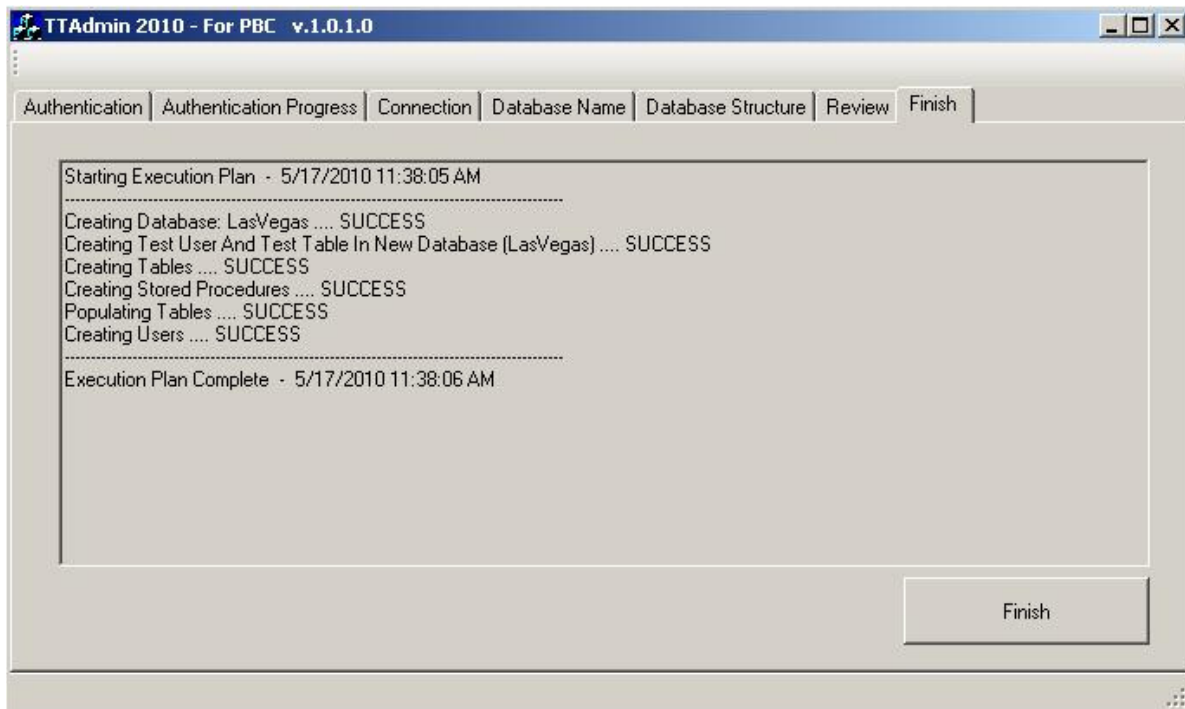
Image 5. Successful installation

III. ADDITIONAL INFORMATION

Warning! Do not press Finish button multiple times because it will result in the failure of all subsequent attempts to perform the same installation. In the event of such occurrence dismiss the error messages by pressing OK and then go back to the Database screen and click the Drop button to remove the newly installed database (see Section 3). Then, go back to the Overview screen and click Finish again to re-execute the installation plan.

Note! You may go back to the Database screen (see Step 3) and select a different database to perform a new install after having finished the current one.