

# **TimeTracker Community Edition**

## Installation Guide

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## **Setting up the Site for Installation**

If you are installing a new instance of TimeTrackerCE then the first steps you need to accomplish will depend on whether you are creating a site on a local intranet or on a remote server. The complete process will be described here. If TimeTrackerCE is being installed into a Shared Hosting Plan, then the Hosting Provider has probably already set up the site and database for you.

## **Unzip the Package**

The first step is to unzip the package to the physical location where the Application will reside. TimeTrackerCE is available in two packages:

- TimeTrackerCE.1.0.0\_Install.zip – Contain only the files required to install the application on a Web Server. It does not contain the Visual Basic code files.
- TimeTrackerCE.1.0.0\_Source.zip – Contains all files required to modify and edit the application. This is not recommended for deployment to production sites.

On local intranet configurations you can place your website anywhere (e.g. C:\TimeTracker) although by default IIS (Internet Information Server) expects the sites to be located at C:\Inetpub\wwwroot\...

On remote hosting servers you will need to upload the files to your website following the procedures provided by your hosting provider.

## **Configuring IIS (Internet Information Server)**

In a local intranet configuration, create a Virtual Directory in IIS called TimeTracker that points to this physical directory. In IIS 6 right-click on “Default Web Site” and select New/Virtual Directory.

This will launch a wizard that will allow you to configure your Virtual Directory. Once you have created the Virtual Directory using the Wizard you can edit the properties of the new Virtual Directory, by right-clicking on the new Virtual Directory, and selecting Properties.

## **Create a SQL Database**

In a remote hosting environment, your hosting provider will probably have configured a SQL Server database for you, and will provide you with instructions regarding how to connect to the database.

In a local configuration you can need to create a new Database. How you create your local database depends on the client Database Tools you have available.

NOTE: Although the Installation procedure will optionally create a database for you if you provide the sa username and password, this will also setup the application to use the sa user which is not recommended.

In Enterprise Manager (SQL Server 2000), you create a new Database by right-clicking on Databases and selecting New Database .

In the “New Database” dialog choose a name for your database and select Ok. You can also set a custom Collation name, and also choose the file name for the database, but the defaults for all these properties work.

The next step is to configure a database user for your TimeTrackerCE database. If you do not already have one, create a new SQL Server Login, by right-clicking on Security/Logins.

Once you have created the Login, right click on Users (under your new TimeTrackerCE Database) and select New User.

In the New User dialog, select the Login you would like to use from the drop-down combo, and set the public and db\_owner permissions.

### **Set File Permissions**

The next step in preparation for installing TimeTrackerCE is to set the NTFS file permissions for the Asp.NET worker process. This step is required as TimeTrackerCE needs to be able to update the web.config file. The User Account that needs to be given permissions is different depending on which version of Windows you are using.

- In Windows 2000/IIS5 the account to use is the {Server}\ASPNET User Account,
- in Windows 2003/IIS6 the account is the NT AUTHORITY\NETWORK SERVICE User Account.

To set the correct File permissions use File Explorer to locate the physical folder you used in (1) above. Right-click on the folder, and select “Properties”, and choose the Security Tab.

The required permission is Modify access. In some hosting environments this is set by giving the user account listed above modify permissions for the whole application root folder.

### **Configuring the Web.Config for Installation**

All ASP.NET Applications require a web.config file. In TimeTrackerCE this file is not part of the zip package. Before doing anything else rename web.Release.config to web.config.

### **Modify Portal Settings (Optional)**

Open the file \Install\InstallScripts\ timetracker.sql and go to the last line in the file. Edit the Value “Community Edition” to a value you wish your site to use as the title of the application. You can edit this value later using SQL Enterprise Manager or SQL Server Management Studio.

### **Installing TimeTrackerCE**

We have setup everything and created the web.config file. We are now ready to install TimeTrackerCE.

The installation is quite straight forward. Browse to the Installation page – in a local environment this will probably be <http://localhost/TimeTracker/Install/Install.aspx>, while on a remote installation it will be [www.mydomain.com/Install/Install.aspx](http://www.mydomain.com/Install/Install.aspx).

This will begin the installation process, asking you several questions and setting up the database for TimeTrackerCE.