TIMM Deployment Instructions

# Quick Details

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| **Version** | 1.0.20091208.791 |
| **Build Date** | 08-Dec-2009 |
| **Source Control Revision** | 791 |
| **Components** | * GPS Website * GPS Management Tool |

# Hardware Requirements

* X86/x64
* Minimum CPU: 1.73GHz
* Minimum RAM: 2GB
* Minimum Hard Disk space: 4GB

# System and Platform Requirements

* Microsoft Windows Server 2003; Microsoft Windows Server 2008; Microsoft Windows XP; Microsoft Windows Vista
* Microsoft .NET Framework 3.5; Microsoft .NET Framework 3.5 SP1
* Microsoft IIS 6.0; Microsoft IIS 7.0

# Additional Software Requirements

* Microsoft SQL Server 2005; Microsoft SQL Server 2008

# Deployment On x64 and Microsoft Windows Server 2008

Follow the steps below to deploy the TIMM application to x64 and Microsoft Windows Server 2008.

1. Install Microsoft IIS 7.0 on Microsoft Windows Server 2008
2. Install Microsoft SQL Server 2008 or Microsoft SQL Server 2008 Express
3. Install the TIMM application. Please refer to the corresponding sections below for details.

# Install the TIMM Application

There are two ways to install the TIMM application. The first way is to attach an existing database to the target database. The second way is to configure the new database with the GPS Management Studio. For the two ways, the deployment procedure of the GPS Website is same.

## Attach an Existing Database

Follow the steps below:

1. Download the correct version of the database files from the specified location (this will be specified separately)
2. Run the sqlcmd command line to connect to the database server
3. Run the sql\_detach\_db stored procedure to detach the existing database if there is an old database
4. Run the sql\_attach\_db stored procedure to attach the downloaded database files

Refer to the following links for details:

<http://msdn.microsoft.com/en-us/library/ms165702.aspx>

<http://msdn.microsoft.com/en-us/library/ms179877.aspx>

<http://msdn.microsoft.com/en-us/library/ms188031.aspx>

## Configure Database with GPS Management Studio

This will be described later.

## Deploy the GPS Website on IIS 7.0

Follow the steps below:

1. Download the correct version of the GPS Website deployment package from the specified location (this will be specified separately)
2. Extract the downloaded deployment package to an local directory
3. Follow the steps on <http://technet.microsoft.com/en-us/library/cc772350%28WS.10%29.aspx> to create a new website. If you want the website to be visited from outside, the website IP address should be specified. Alternatively, you can use an existing website.
4. Follow the steps on <http://technet.microsoft.com/en-us/library/cc771804%28WS.10%29.aspx> to create a virtual directory for the TIMM application. For example, the virtual directory can be named as ‘TIMM’. The physical path should refer to the local directory which contains the files just extracted
5. Make sure the application can write files to the ‘Files’ sub directory under the local directory
6. Under the application’s root directory, find the ExternalConnectionStrings.config file, open it with a text editor, and modify the value of GPSTrackingConnectionString and GPSTrackingConnectionString1 to make sure they refer to the correct database with the correct authentication and credentials. This depends on the authentication model and the credentials specified in the target database.