Installation of GPSConnector Service & Client

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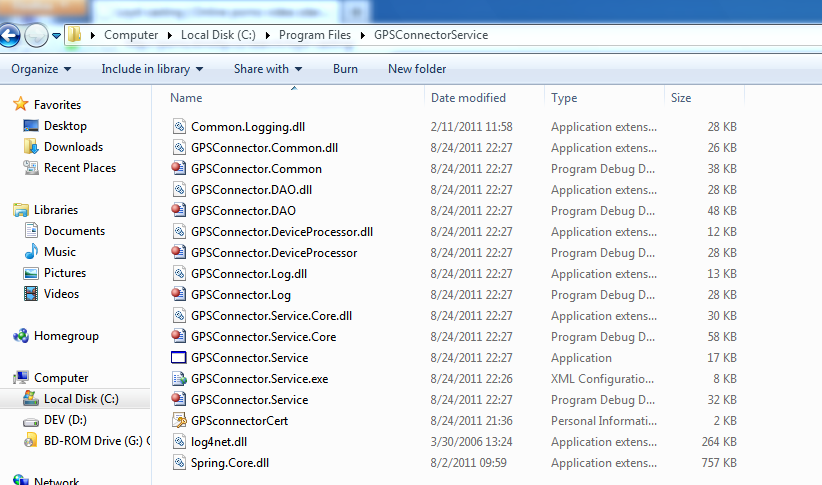
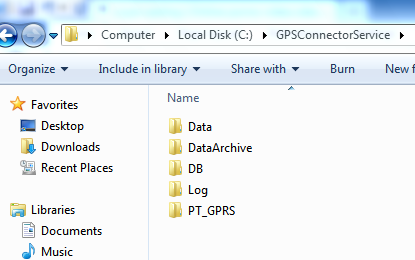
# Requirements

The service and the client require at least **.NET Framework 4.0**



# Service Installation and configuration

## Service physical location

* Create a new directory into **C:/Program Files/GPSConnectorService**
* Copy only files (no directories) from GPSConnectorService (FTP) to the newly created directory in program files.   
    
  
* Copy the directory GPSConnectorService (FTP), into C:/ or D:/ or into any place where it will be possible to write without permission. You should remove all files and leave there directories.  
  

## Modification of service config file

Open the file

**c:\Program Files\GPSConnectorService\ GPSConnector.Service.exe.config**

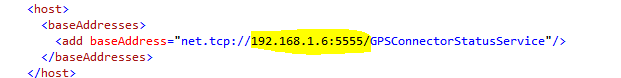
in any text editor.( best using visual studio to have colors)

Modify the following path (ONLY highlighted yellow, without quotes) according to the location of directories. It should be the same if you have it in C: /. Modify also IP and ports.

### ConnectionStrings to access database:



### Server IP and/or port for client GUI connection:



### Path to data folder for saving XML

### Path to PT\_GPRS for saving gprs files

### Path to data folder for processing XML files

### Path to data folder for moving xml files once processed

### Server IP address for picotrack

### Picotrack listen port



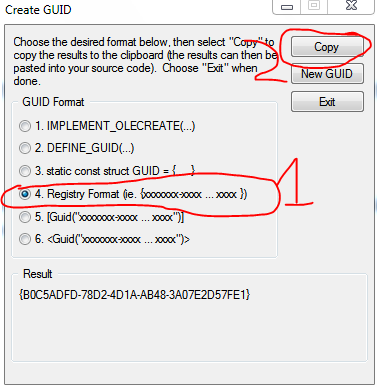
### Path to save log files. Please only YELLOW. !!!!



* 1. MDB Database content  
     Open the database c:\GPSConnectorService\DB\ GPSConnector.mdb

Make sure that the database is not marked as READONLY file

The table **Owner** contains the list of your clients with a security key.

* The **isClient** should be **checked** for all of them except for servis-net,which is your company
* The **isAdmin** should be **unchecked** for all of them except for servis-net.
* You can generate a new Ownerkey using visual studio 2010  
  Tools-> Create GUID  
  
* Copy to notepad and remove brackets
* Overwrite the value in database

The table **gps\_device\_list**  contains the list of gps devices associated with the owner Id.

* **Please verify IMEI, Owner ID and device name. OwnerId = Id from the table Owner**
* **Don’t change devicetype and Model.**
* **I recommend using full IMEI here.**

The table **gps\_data** should be empty. This table will contain data received from the devices.

**The MDB database can be later replaced by MS SQL 2008 EXPRESS. It is even better than MySQL**

## Windows Service Installation

Steps should be done as administrator if not you may get error

* Click Start ->Run. Type cmd or run cmd as administrator
* Copy and paste this :  
  pushd “c:\Windows\Microsoft.NET\Framework\v4.0.30319\”
* Then type :  
  Installutil “c:\Program Files\GPSConnectorService\ GPSConnector.Service.exe”
* It should complete successfully.
* Click start->run. Type services.msc
* You should see GPSConnectorService. Right click and select properties
* Change the startup type to automatic and start the service

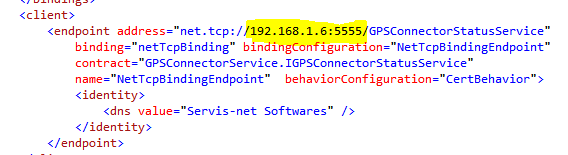
## Windows Service Uninstallation

* Click start->run. Type services.msc
* You should see GPSConnectorService. Stop the service
* Click Start ->Run. Type cmd or run cmd as administrator
* Copy and paste this :  
  pushd “c:\Windows\Microsoft.NET\Framework\v4.0.30319\”
* Then type :  
  Installutil /u “c:\Program Files\GPSConnectorService\ GPSConnector.Service.exe”
* It should complete successfully.

## GPSConnector Client

Before using the client, you need to set ownerkey and the server IP/Port in the configuration.

* Open the file GPSConnector.Client.exe.config from GPSConnectorClient Directory
* Change the server IP and Port. The same IP and port as in 2.2 b



The owner key is the key from the owner table. So be careful to not switch keys. Always test the client before give them

