TRACES Manual Upgrade Procedure

Introduction

With major changes to the TRACES database in version 2.8 automatic upgrade of the server from pre-2.8 versions to the latest version is not possible.

This document provides guidance on how to manually migrate historical data from an existing pre-2.8 Traces Server instance to a clean install of the latest version of TRACES.

The following procedure can also be applied in any other case when the automatic upgrade was unsuccessful or is not possible.

Detailed instructions on how to properly set up TRACES can be found in the *TRACES Administration Guide*.

Please read all the instructions before you begin.

Traces upgrade with manual data migration

1. Backup the logs and configuration for future reference.

   Please run the following script (may not be available in older versions):
   > ***<Installation_dir>***\TRACESServer\adminscripts\bkpLogs.bat

2. (Optional). It is recommended, although not required, to backup existing input data files on an external drive. Please backup the following directories:

   a. ***<TracesData_dir>***\Uploader\Loaded
   b. ***<TracesData_dir>***\profiles

   The first directory shall contain the site list file, usually named as rf_site_list.csv or rf_sites.csv. See Traces Administrator Guide, Section 2.2 for reference.

3. Write down the names of your profiles from Uploader.

   By default both *Customer Name* and *Customer Prefix* are set to "TRACES".

   > NOTE: All profile names (both customer prefix and customer name) that will be created after migration need to match the current ones.

4. Prepare the border KML file(s).

   a. Traces 2.5 and later

The KML files that were provided during initial server setup can be found in the **<TracesData_dir>**\profiles**<customer_prefix>**\ directories.

b. Traces 2.4 and earlier

In case the customer no longer has a copy of the initial border file it can be recreated using *Google Earth Pro*. The customer can also ask Motorola Solution services team to provide a copy.

5. Prepare the license file.

6. Uninstall TRACES Server.

```
NOTE: You will be asked what you want to delete. Select all checkboxes to perform
    full uninstallation
```

7. Go to **<TracesData_dir>** and delete all folders **except** profiles and Uploader.

```
NOTE: If there is no profiles folder it probably is an older version of TRACES.
Profiles will be recreated later in Step 9.
```

8. Install the new version of TRACES Server in the same location as the previous one.

9. Configure TRACES Server instance according to the Traces Administrator Guide

10. Load data files into the database.

Input data files can be found in **<TracesData_dir>**\Uploader\Loaded.

These need to be moved to its parent directory **<TracesData_dir>**\Uploader after flattening the directory structure. One way to achieve this is to run the commands below:

```
cd "<TRACESData_dir>\Uploader\Loaded"
for /r %d in (*) do move "%d" "<TRACESData_dir>\Uploader"
```

Data upload should start automatically within 2 minutes. Upload progress can be tracked with the *Traces Server UI*, **Uploader -> Progress** option.