**Instructions for the use of data migration tool in CNS Lite 1.14 software**

The upgrade tool is designed for the data migration of CNS Lite of old version (only applies for CNS Lite 1.0, 1.1 and 1.13), uninstallation of database tool of old version and installation of database tool of new version.

**Scheme A**: install and upgrade PostgreSQL10.6.1 on the same computer.

1. Double click " DataUpgrade " to run it in the CNS Lite 1.14 installation package directory.
2. Select the database to be backed up, setup the backup path (the backup path is defaulted as E:\Backup for the first time), click "Data Backup" button.
3. Select the database to be uninstalled, click "Database Uninstall" button.
4. Select the installation package path of PostgreSQL 10.6.1, setup the storage path of the data file, click "Database Install" button.
5. Select the data backup file in step 2 of scheme A, click "Data Restore" button.
6. Close the database upgrade tool after recovery.

**Scheme B**: install PostgreSQL10.6.1 and migrate the data of old version on another computer (please ensure the computer is not installed with any PostgreSQL database).

1. Double click " DataUpgrade " to run it in the CNS Lite 1.14 installation package directory on the computer installed with the CNS Lite software of old version.
2. Select the database to be backed up, setup the backup path (the backup path is defaulted as E:\Backup for the first time), click "Data Backup" button.
3. Copy the backup file to the object computer.
4. Double click " DataUpgrade " to run it in the CNS Lite 1.14 installation package directory on the object computer.
5. Select the PostgreSQL 10.6.1 installation package path, setup the storage path of data file, click "Database Install" button.
6. Select the data backup file in step 2 of scheme B, click "Data Restore" button.
7. Close the database upgrade tool after recovery.

## Appendix:

1. **Follow the steps below to uninstall the CNS Lite 1.0/1.1/1.13:**
   1. Open **Control Panel** > **Programs**.
   2. Click **Program and Features** and find **MFM-CNS Lite** in the list.
   3. Right-click **MFM-CNS Lite** and then click **Uninstall**.
2. **Uninstall database:**

a) Uninstall postgresql-8.3

Method 1: Open the installation directory of database, usually at "D: \CNS\_DB", right click **RemoveDatabase.bat** and select **Run as administrator** to run it. Then check if there is a postgresql-8.3 in the Control Panel\System and Security \Management Tool\Service. If yes, right click the CMD (C:\Windows\System32\cmd.exe) and select **Run as administrator** to run it, enter "C:\Windows\System32\sc.exe delete postgresql-8.3" and hit the **Enter** key.

Method 2: Right click the CMD (C:\Windows\System32\cmd.exe) and select **Run as administrator** to run it, enter "C:\Windows\System32\sc.exe delete postgresql-8.3" and hit the **Enter** key.

b) Uninstall postgresql-9.2

Method 1: Open the installation directory of database, usually at " C:\Program Files (x86)\psql", right click **remove\_db.bat** and select **Run as administrator** to run it. Then check if there is a postgresql-9.2 in the Control Panel\System and Security \Management Tool\Service. If yes, right click the CMD (C:\Windows\System32\cmd.exe) and select **Run as administrator** to run it, enter "C:\Windows\System32\sc.exe delete postgresql-9.2" and hit the **Enter** key.

Method 2: Right click the CMD (C:\Windows\System32\cmd.exe) and select **Run as administrator** to run it, enter "C:\Windows\System32\sc.exe delete postgresql-9.2" and hit the **Enter** key.

Note:

1. Please perform the upgrade process of database tool after uninstalling the CNS Lite software of old version.

2. Do not close the database upgrade tool during the upgrade process.

3. The data recovery function of the database is only compatible with that of the lower version.

4. The tool is operated based on .Net FrameWork 4.7.2.