

The MDC Server and CLI Socket Server installation upgrade follows the order below:

- MDC Software installation
- Hardware Dongle License installation
- Associated Applications installation verification
- Server Application installation upgrade
- CLISocket Server installation upgrade

Pre-Requisites

- PC Requirements –
 - Windows® 7 (32 bit or 64 bit) or Windows® 2008 Server (64 bit)
 - PCs which include GL hardware/software require Intel or AMD processors for compliance.
- Software Requirements –
 - Java SDK 6 SE, EE
- Minimum CPU Requirements –
 - Processor 2 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor
 - RAM 2 gigabyte (GB) RAM (32-bit) or 3 GB RAM (64-bit)
 - HDD 32 GB available hard disk space (32-bit) or 40 GB (64-bit).
- If the PC is new, ensure you have performed **All Windows® Updates** prior to installing software. Visit Microsoft Update website for completing Windows® updates.

Step 1: MDC Software Installation

- Plug-in the **USB Installation Stick** (pen drive) to the PC. This is provided with the shipment package by GL Communications.
- Right-click on **MobileDeviceController.exe** and select **Run as Administrator** from the installation USB stick (\VQuad-VQT\VQT600-VQT601-VQT610-MDC-NetTest\VQT600-MDC-NetTest-Software\MDC-verXX).
- Follow the on-screen instructions to complete the software installation.
- The software gets installed in 'C:\Program Files (x86)\GL Communications Inc\VQuad' directory in 64-bit Windows® OS



and creates a shortcut icon on the desktop.

- It is recommended to reboot the system after the software installation.

Step 2: Dongle License Installation

- Navigate back to root directory in USB installation stick (pen drive) to **\GL-Dongle License Installer** folder, right-click on **GLDongleLicenseInstaller_x64.exe** (or **GLDongleLicenseInstaller_x86.exe**) and select **Run As Administrator**.
- Plug the dongle to the USB 2.0 port of your PC. Windows® should install all required drivers automatically. A red light should appear on the dongle indicating that it is functioning correctly from a physical point of view.
- For any troubleshooting during hardware dongle license installation, refer to [Installation Instructions for Dongle Programs](#) document.

Step 3: Associated Applications Installation

Verify that the following associated applications are installed on the respective systems:

Windows® 7 (64 bit)

- Java JRE - version 6.22 (for 32 bit OS) or version 6.24 (for 64 bit OS)
- Apache Tomcat Version 6.0.32
- Application Request and Routing (ARR 64 bit) Version 2

Windows® 7 (32 bit)

- Java JRE - version 6.22 (for 32 bit OS)
- Apache Tomcat Version 6.0.32
- Application Request and Routing (ARR 32 bit) Version 2

Windows® 2008 Server 64 bit

- Java JRE - version 6.22 (for 32 bit OS) or version 6.24 (for 64 bit OS)
- Apache Tomcat Version 6.0.32
- Application Request and Routing (ARR 64 bit) Version 2

Refer to the [Mobile Device Controller Software Installation Guide](#) for detailed instructions, if these are already not installed on the system.

Step 4: Server Application Upgrade Installation Procedure

- Stop the tomcat services (**Start -> All programs -> Apache Tomcat 6.0**) to backup the existing “**glcomm.war**”, if present in the **C:\Tomcat\webapps** folder.
- After the backup, delete the “**glcomm.war**” and “**glcomm**” folders.
- Copy the “glcomm.war” file from the installation USB stick (\VQuad-VQT\VQT600-VQT601-VQT610-MDC-NetTest\VQT600-MDC-NetTest-Software\MDC-Server\Server_Release_XX) to the “C:\Tomcat\webapps” folder.
- Click “**Start**” in the Tomcat monitor menu and run the tomcat services
- After this is done the following folders will be created in the webapps directory
- Glcomm
 - Bin
 - Files
 - META-INF
 - results
 - src
 - tests
 - tmp
 - WEB-INF
 - Work
- This ensures the successful upgrade of the **ServerApp**

Step 5: CLI Socket Upgrade Installation Procedure

- Close the currently running CLISocket command line application, if running.
- Copy the files from the installation USB stick (\\VQuad-VQT\VQT600-VQT601-VQT610-MDC-NetTest\VQT600-MDC-NetTest-Software\MDC-Server\CLISocket_Release_XX) to the locally created “C:\GLDownloads\CLISocket_XX” folder
- The following files are copied to the folder. (XX indicates the version of the CLI Socket)
 - lib
 - logs
 - srf
 - test_results
 - tests
 - testtools
 - CLI_configuration.xml
 - CV Bridge.bat
 - CV_Bridge.jar
- Click on the batch file (CV Bridge.bat) to start the CLISocket application.
- A command window also pops-up indicating the CLISocket application start-up.
- CLISocket may prompt multiple error messages, if connection is not established with the server. The user has to **modify the Server IP address** and verify the internet connection.

Refer to the [Mobile Device Controller Software Installation Guide](#) for detailed instructions, if these are already not installed on the system.