

MAPS™ GSM Abis over IP is licensed either through software licensing or USB hardware dongle. Follow the procedures below as per your purchase order

System Requirements

- Windows® 10 and above Operating System (**64 bit Only**).
- Core i3 to i7 (or equivalent), 8 GB Memory, NIC cards, and USB Ports.
- Ensure that system has latest Windows® updates and service packs installed.
- Turn OFF Windows Firewall - navigate to Control Panel > Systems & Security > Windows Firewall, click Turn Off Windows Firewall for all networks.

Software Based Licensing (for evaluation only)

- In case of software-based licensing, the software executables, license installer, and documents can be downloaded from the software licensing web portal (refer to email notification from GL Communications).
- Follow the instructions in the <https://www.gl.com/ses/download/GL-Software-License-Evaluation-Instructions.pdf> to install software license.
- To verify that the purchased licenses are installed correctly, open any web browser from the system on which the software license is installed and type the URL "<http://localhost:1947/int/products.html>". Click on **Features** and confirm that the following **Product licenses** are listed:
 - PKS134 (MAPS-ABIS Emulator over IP)
 - PKS102 (PacketGen™ RTP Soft Core) (**Optional**)

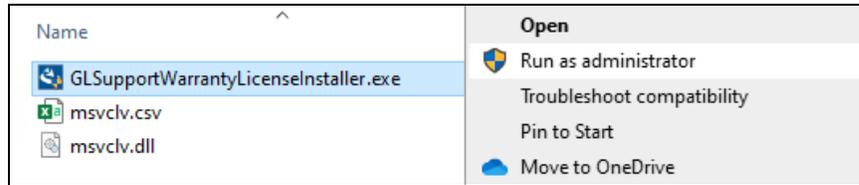
USB Hardware Dongle Based Licensing

- If the software is licensed through hardware USB dongle, the shipment will contain a USB Installation Stick (pen drive) with necessary software executables, license, warranty installer, and documents.
- Plug-in the dongle to the USB port of the computer.
- Plug-in the USB Installation Stick (pen drive) to the 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.
- Navigate to **|GL-Dongle-LicenseInstaller** folder in installation USB stick and execute **GLLdkDongleLicenseInstaller_x64.exe**. Follow the on-screen instructions to complete the installation.
- A Red light should appear on the dongle indicating that it is functioning correctly.
- You can verify if the required licenses are installed. Navigate to **C:\Program Files\GL Communications Inc\GLDONGLE** directory, execute **appl_list.exe** and confirm that the following licenses are listed:
 - PKS134 (MAPS-ABIS Emulator over IP)
 - PKS102 (PacketGen™ RTP Soft Core) (**Optional**)
- For any issues during the installation, follow hardware dongle licensing procedure mentioned in the <https://www.gl.com/Brochures/Brochures/Installation-Instructions-for-Dongle-Programs.pdf>.

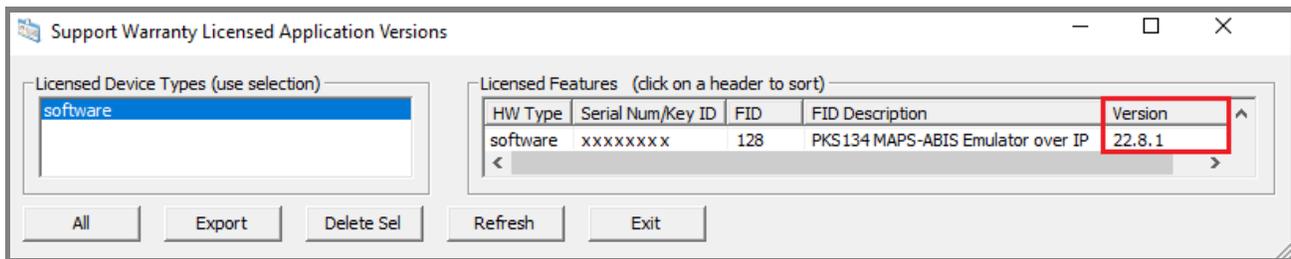
Warranty License Installer

Follow the below steps to install the Warranty license.

- Navigate to root directory in **USB installation stick** (pen drive) to **\Warranty_LicenseInstaller** folder, execute **GLSupportWarrantyLicenseInstaller.exe**. Follow the onscreen instructions and complete the installation.



- To confirm that warranty is installed properly, double-click on **Warranty Application List** icon . This will display the list of warranty applications which are purchased.



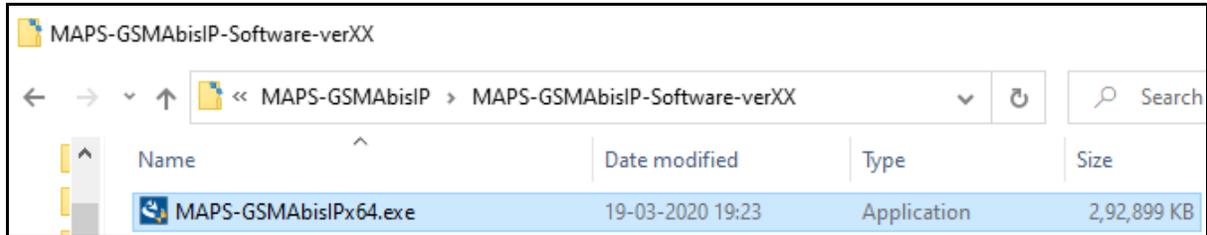
- In **Version** column, verify that the warranty expiry date to be as expected (depending on the support warranty purchased).

Note:

- Any latest software updates after warranty period will not be available until warranty licenses are renewed.

Software Installation

- Navigate to \MAPS-GSMAbisIP\MAPS-GSMAbisIP-Software-verXX folder, right-click on MAPS-GSMAbisIPx64.exe and select **Run as Administrator** option to execute the application in administrator mode. Follow the on-screen instructions to complete the software installation.

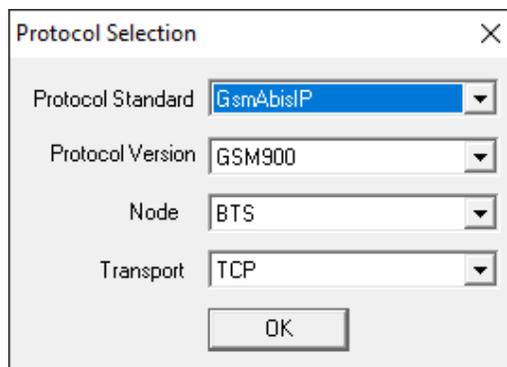


Invoking Application

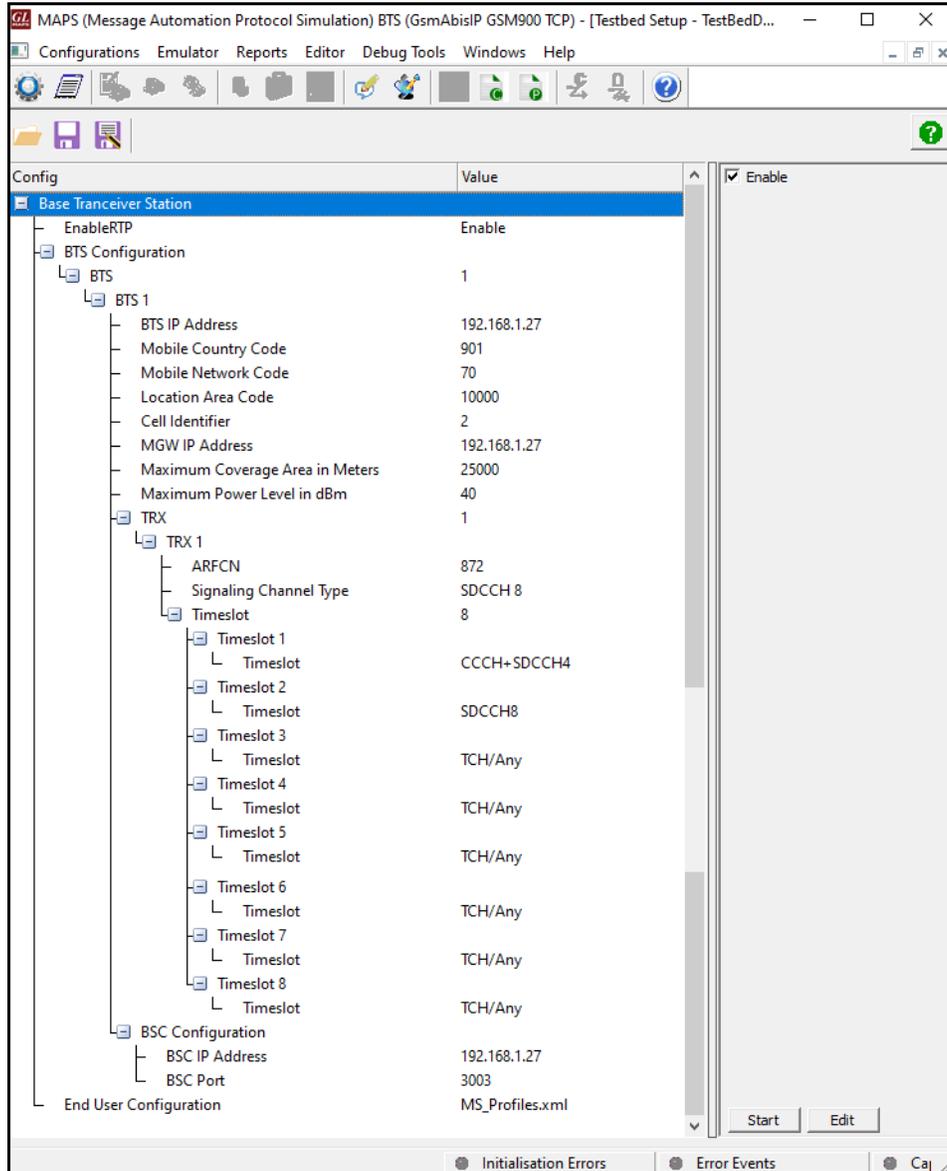
- It is recommended to reboot the system after the software installation.



- Right-click on **MAPS-GSMAbisIP** short-cut icon created on the desktop and select '**Run as Administrator**'.
- The application should invoke without any errors. By default, the protocol selection window is displayed.



- Select the appropriate parameters in the **Protocol selection** window and click **OK**. The application displays the testbed setup window as shown below.



- This completes quick installation procedure of **MAPS-GSMAbisIP** application.
- For function verification, refer to [MAPS-GSMAbis-IP-Quick-Verification](#) guide.
- For any queries and technical issues, contact **GL Communications Inc.**