

MAPS™ MAIP 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 i7 (or equivalent), 8 GB Memory, 2x NIC cards, and USB Ports.

Software based licensing (for evaluation only)

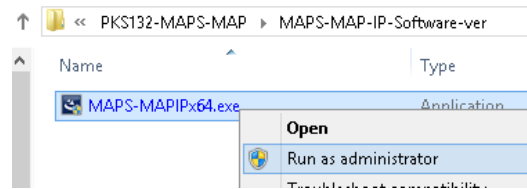
- In case of software-based licensing, the software executables, license installer, and documents can be downloaded from the software licensing web portal (refer to email notification from GL Communications).
- Follow the instructions in the <https://www.gl.com/ses/download/GL-Software-License-Evaluation-Instructions.pdf> 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:
 - PKS132 (MAPS for MAIP)
- After completing software license installation, right-click on **MAPS-MAIPx64.exe** and select **Run as Administrator** option to execute the application in administrator mode. Follow the on-screen instructions to complete the software installation.
- For a basic functional verification, refer to **MAPS-MAIP-Quick-Verification-Guide**.

USB Hardware Dongle based licensing

- If the software is licensed through hardware USB dongle, your shipment will contain a **USB Installation Stick** (pen drive) with necessary software executables, license installer, and documents.
- Plug-in the USB Installation Stick (pen drive) to the PC
- Navigate to **|GL-Dongle-LicenseInstaller** folder in installation USB stick and execute **GLLdkDongleLicenseInstaller_x64.exe** (or **GLLdkDongleLicenseInstaller_x86.exe**). Follow the on-screen instructions to complete the installation.
- 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>.
- Once the license installation is completed, plug the dongle to the USB port of your computer. 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.
- 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:
 - PKS132 (MAPS for MAIP)

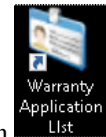
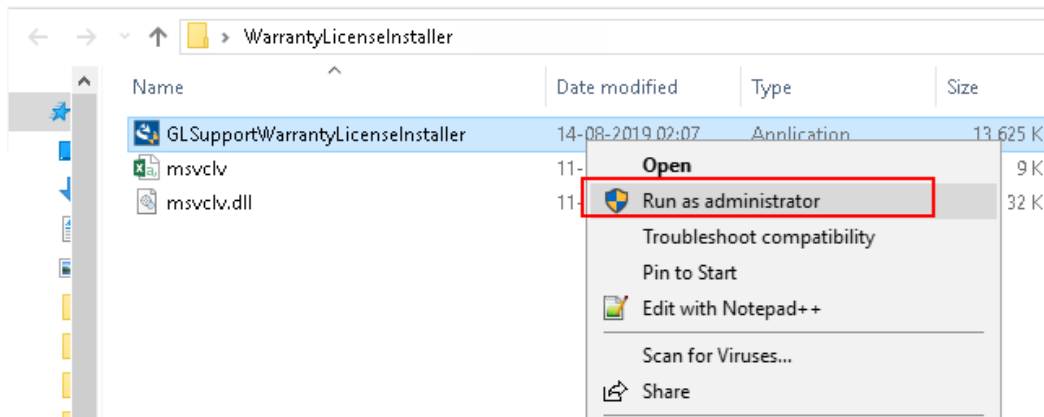
Note: Please verify that all licenses purchased are displayed using the **appl_list.exe** utility.

- Navigate to \PKS132-MAPS-MAP\MAPS-MAP-IP-Software-verXX folder, right click **MAPS-MAPIPx64.exe** and select **Run as Administrator**. Follow the onscreen instructions and complete the installation



Warranty License Installer

- 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. Refer to the below figure.

Licensed Device Types (use selection)		Licensed Features (click on a header to sort)				
software		HW Type	Serial Num/Key ID	FID	FID Description	Version
		software	x4Cxxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x49xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x48xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x48xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x45xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x44xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x43xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x43xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x42xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x41xxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x3Fxxx x	123	PKS132 MAPS-MAP	20.8.1
		software	x3Bxxx x	123	PKS132 MAPS-MAP	20.8.1

- Users can check the Warranty expiry date in the **Version** column that is **20.8.1** (i.e. 2020 August 1st), and user can verify the date to be as expected (depending on the support warranty purchased).

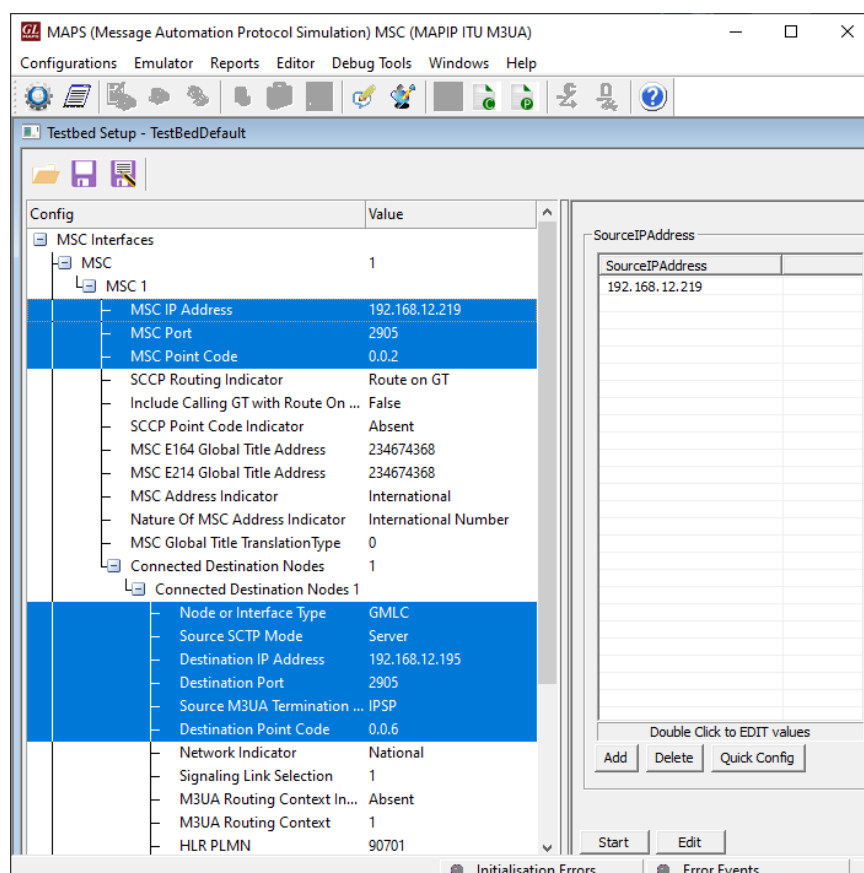
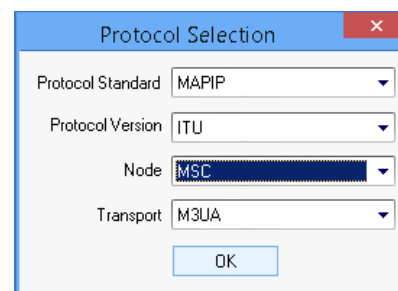
Note: All the MAPS™ software versions continue to operate normally. But any latest software updates after warranty period will not be available until warranty licenses are renewed

Invoking Application

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



- Right-click on **MAPS MAPIP** short-cut icon created on the desktop and select '**Run as Administrator**'. The application must invoke without any errors.
- By default, Protocol Selection window displays **Protocol Standard** as **MAPIP** and **Protocol Version** as **ITU**
- User should select the **MAP Node** and **Transport** (supports M3UA, M2PA, M2UA, and SUA transport types) as required for the test
- Following this, the Testbed window is displayed as shown in the figure below, where the user should configure the node with proper IP address and port.
- Save** the configurations and click **Start** in the Testbed window to get started with the test.



- This completes the successful installation of MAPS™ MAPIP application. For a quick self-test procedure, refer to the steps explained in the [MAPS-MAPIP-Quick-Verification-Guide](#) document.

If you are still having issues or have any other related questions, please contact GL Communications Inc.