

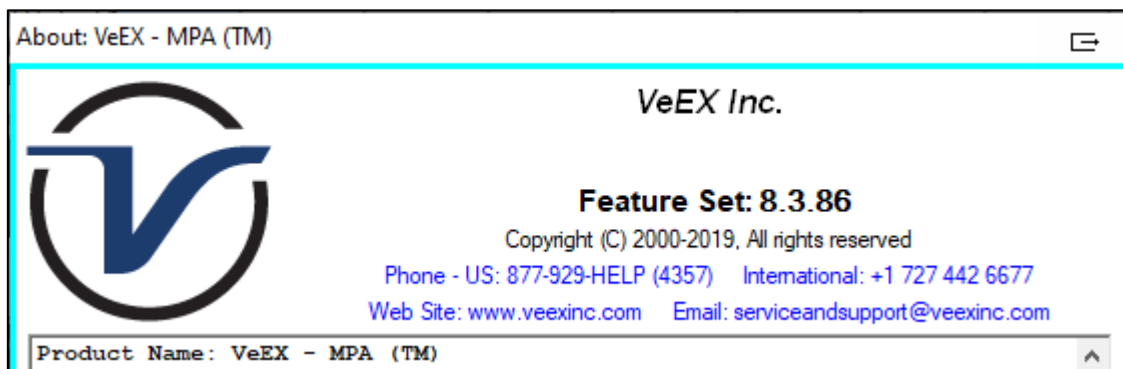


MPA Software Update Procedure

The following procedure is for upgrading the MPA system software, which already contains **Feature Set 8.1.x or later**.

-  **Important!** Contact VeEX Customer Care for upgrading an MPA system whose current software version precedes **Feature Set 8.1.x**.
-  Before updating the MPA system close all open **Remote GUI, VNC, Python** and/or **SCPI** connections to the MPA.



About this Product




Software Update Requirements

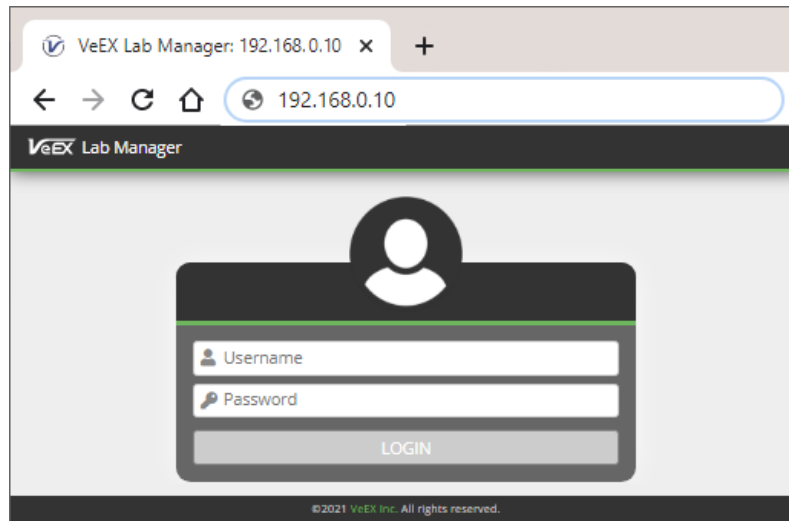
- PC/laptop with web-browsing software
 - *E.g., Chrome, Firefox, Safari, Internet Explorer (not recommended), etc.*
- Verify you can Ping the MPA processor's current IP Address
 - See the **MPA User's Manual** for instructions on configuring the system's IP Address (if needed).
- You should know what the MPA's current Feature Set version is
 - Connect to the MPA system with the Remote Client GUI application to verify the current version from the **System** tab's **About this Product** Window.
- Latest MPA software update file **tca.X.Y.ZZ.tgz** (*where X.Y.ZZ is the actual software version*)
 - For example, if the new Feature Set version is 8.5.96, the software update file will be named **tca.8.5.96.tgz**
 - To obtain the latest Feature Set release visit <https://www.veexinc.com/en-us/Products/MultiProtocolAnalyzer>, or contact **VeEX Customer Care**
 - If the software update file was downloaded from the website, then the **.tgz** file may first need to be extracted out of a **.zip** download file
 - Do not extract the contents of the compressed **.tgz** file

VeEX Customer Care:

For customer technical support please contact VeEX Customer Care at +1.510.651.0500, or send an email to customercare@veexinc.com.

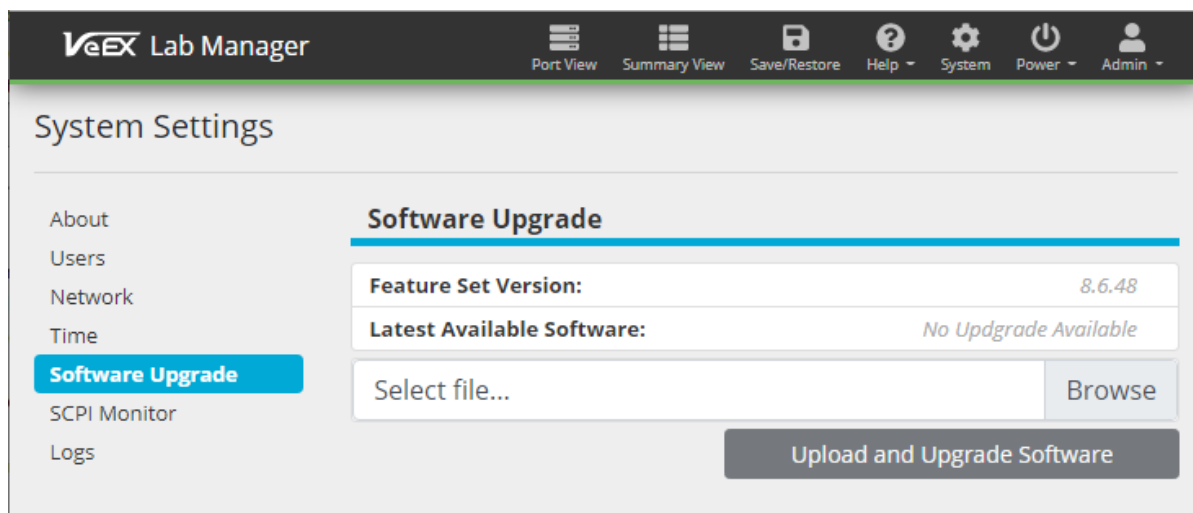
Current Feature Set ≥ 8.5.x

-  Use this procedure only if your MPA already has an 8.5.x Feature Set or later.
-  As of Feature Set 8.5.x, users need to login to the MPA system web-browser interface in order to upgrade the software.
-  It is recommended to refresh your browser after updating the MPA software, before your next WebUI connection.



MPA Web Browser Login

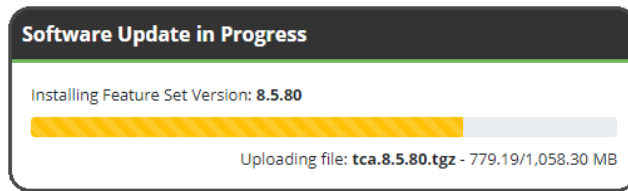
1. Open a web-browser and enter the MPA processor's **IP Address** in the URL field, and then press **Enter** to connect.
2. Enter the **Username** and **Password** to login to the MPA system.
 - a. The default **Username** is **Admin**, and the default **Password** is **Admin1**. However, any user with Admin permissions can also perform software upgrades.
3. Depending on the current software version the **Software Update** screen may appear as soon as you log in to the MPA system.
 - a. Otherwise, you may need to select **Software Upgrade** from the **System > System Settings** menu.



MPA System Software Update

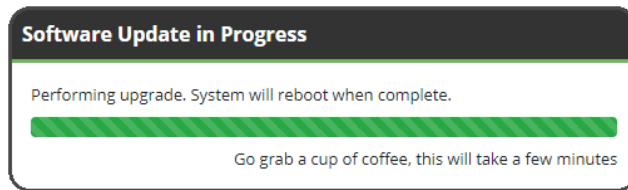
4. Click the **Browse** button to locate and select the downloaded **tca.X.Y.ZZ.tgz** file.
5. Click the **Upload and Update Software** button to begin the software update.

6. After pressing the **Upload and Update Software** button, the **.tgz** file will begin uploading to the MPA system.

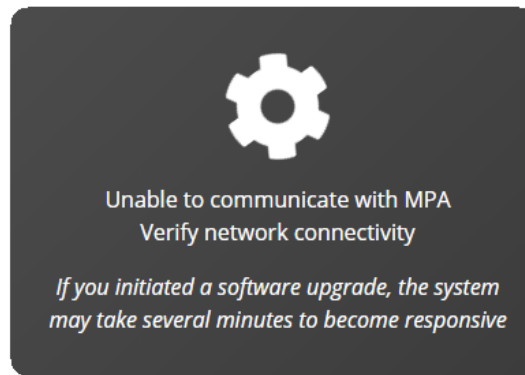


Warning! Do not turn the MPA's power Off or connect to the MPA system during this time period!

7. After the file finishes uploading a **Performing Upgrade** message appears while the system processes the software upgrade file.







- Lightbulb** The web-browser may be closed after the **Performing Upgrade** message is displayed; if left opened however, unlike previous software versions the web-browser will automatically reconnect to the MPA system after the software upgrade has completed, indicating that the system has rebooted and is ready for use.
8. The MPA system automatically reboots after processing the software upgrade file, during which the browser will display a message stating **Unable to communicate with MPA** while the system reboots.

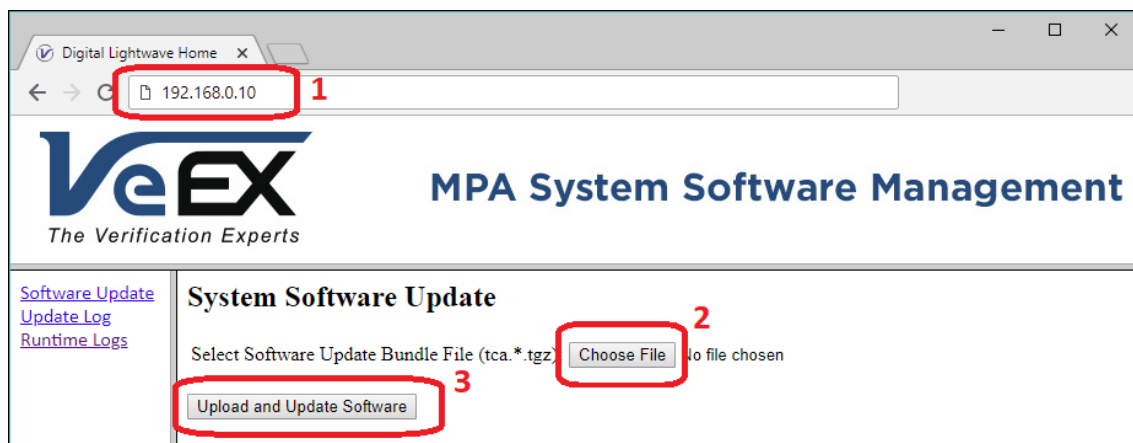


9. This message will continue to display while the MPA system reboots, which may take between **5 to 10 minutes** depending on the unit configuration, after which the original Login screen will reappear, indicating that the upgraded system is now ready to be used.
 - Lightbulb** For MPA systems with an **SCM-210** controller card, the **READY** LED will also illuminate when the system has finished rebooting.
10. Log back in to verify the new Feature Set version is displayed in the **Software Update** screen.
 - Lightbulb** If the **Remote Client** becomes unresponsive during the first attempt to reconnect following the software update, then click **Cancel** or **End Task** and **reconnect** to the MPA a second time.

Current Feature Set < 8.5.x:

-  In order to upgrade your MPA to the latest Feature Set, the current Feature Set version on your MPA unit must be **equal to or greater than 8.0.51**.
-  It is recommended to refresh your browser after updating the MPA software, before your next WebUI connection.
-  If the Feature Set on your MPA is **lower than 8.0.51**, then contact **VeEX Customer Care** before continuing.
-  Skip to the next procedure if your MPA already has an **8.5.x Feature Set or later**.



1. Open a web-browser and enter the MPA processor's **IP Address** in the URL field. ¹
 - a. Example: <http://192.168.0.10>
2. Press **Enter** to connect and the **System Software Update** screen appears as soon as you connect to the MPA system.
3. Click the **Choose File** button and browse to the location where the **tca.X.Y.ZZ.tgz** was saved, and select the **.tgz** file. ²
4. Click the **Upload and Update Software** button to begin the software update. ³



MPA System Software Update

5. After pressing the **Upload and Update Software** button the **.tgz** file will upload to the MPA.
6. The browser can be closed after the **“The software update process has started”** message appears, since the browser does not provide any additional feedback or functionality during the software update progress; however, the MPA system is still processing the software update file.

 **Warning! Do not turn the MPA's power Off or connect to the MPA system during this time period!**

7. The MPA system will automatically reboot as part of the update process, which may take between **5 to 10 minutes** depending on the unit configuration, after which you can remotely connect to it again.
 -  For MPA systems with an **SCM-210** controller card, the **READY** LED will illuminate when the system has finished rebooting.
8. After waiting the appropriate amount of time, reconnect to the system with the **VNC** or **Remote Client** to verify the new Feature Set version from the **System** tab's **About this Product** window.
 -  If the **Remote Client** becomes unresponsive during the first attempt to reconnect following the software update, then click **Cancel** or **End Task** and **reconnect** to the MPA a second time.

