

# **INERTIAL PRODUCTS**

## **SYSTEM UPDATER TOOL USER GUIDE**



## Document Revision History

<b>Edition</b>	<b>Date</b>	<b>Release</b>	<b>Comments</b>
A	01/2015	SYSTEMUPDATER [Rev:4.00]	Creation
B	03/2015	SYSTEMUPDATER [Rev:4.00]	New style guide updated to the document
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This application program is only to be used in order to help optimize fishing and shall not exempt the skipper of his responsibilities in terms of navigation security and respect for law enforcement.

## Text Usage

<b>bold</b>	Bold text is used for items you must select or click in the software. It is also used for the field names used into the dialog box.
<code>Courier</code>	Text in this font denotes text or characters that you should enter from the keyboard, the proper names of disk drives, paths, directories, programs, functions, filenames and extensions.
<i>italic</i>	Italic text is the result of an action in the procedures.

## Icons



The **Note** icon indicates that the following information is of interest to the operator and should be read.

### Important

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The **Important** mention indicates that the following information should be read to forbid or prevent a product dysfunction or a faulty operation of the equipment

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The **Caution** icon indicates that the following information should be read to forbid or prevent product damage.

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The **Warning** icon indicates that possible personal injury or death could result from failure to follow the provided recommendation.

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## 1 OBJECT

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This document describes how to use the System Updater Tool. SystemUpdater Tool is designed to update all INS III and OCTANS IV family products. It does not need any external tool.

Do not hesitate to contact iXBlue technical support for further information:  
[support@ixblue.com](mailto:support@ixblue.com)

## 2 USING THE SYSTEM UPDATER TOOL

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**Package location** To avoid corrupting the update and long files access times, the update firmware package shall be located on the local computer, not on a network drive.

**Ethernet connection** Always use an Ethernet switch or hub between the product and the computer to perform the upgrade.

**Firewall** The update tool uses a TFTP server on the computer. If needed, configure the computer firewall to accept input TFTP client connection on tftp port (69 by default).

### Warning

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It is strongly recommended to use a stable power supply (UPS) to power the system. This should not be interrupted while updating the system.

**This tool must not be used during navigation.**

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### Important

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Before launching the system updater tool, install the Java Runtime Environment from the product CD-ROM.

PC IP address must be configured in the same range as the system.

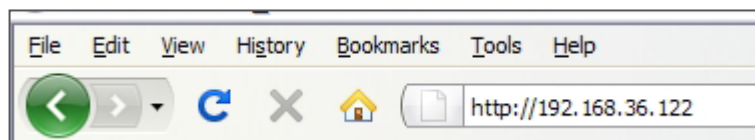
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### Step Action

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1. Launch the Web-Based User Interface from the web browser hosted on the workstation. Its default URL address is 192.168.36.1xx, xx being the two last numbers of the product serial number: (note: this is the default IP address – it can be changed from the Web-based User Interface if required).

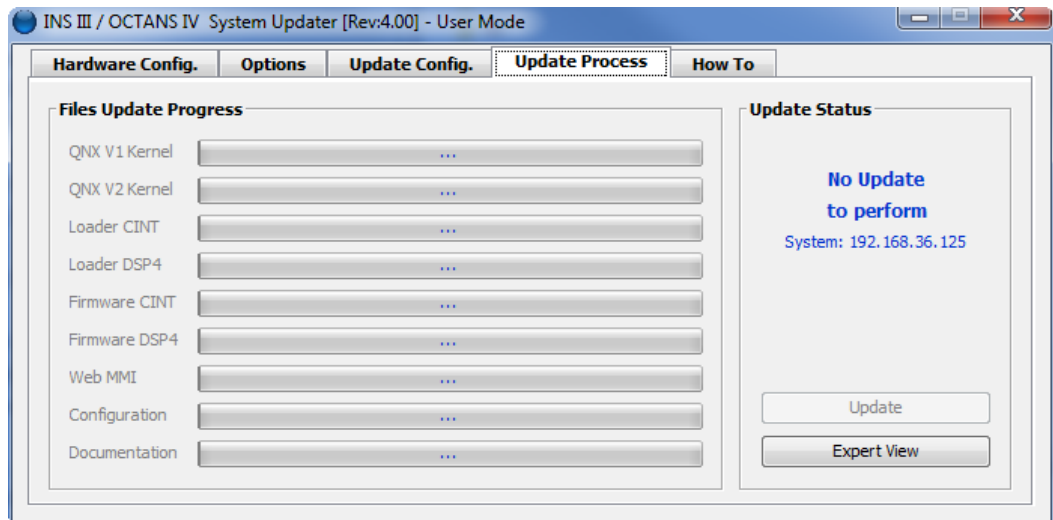
Example of default URL for a product with serial number ending by 22:



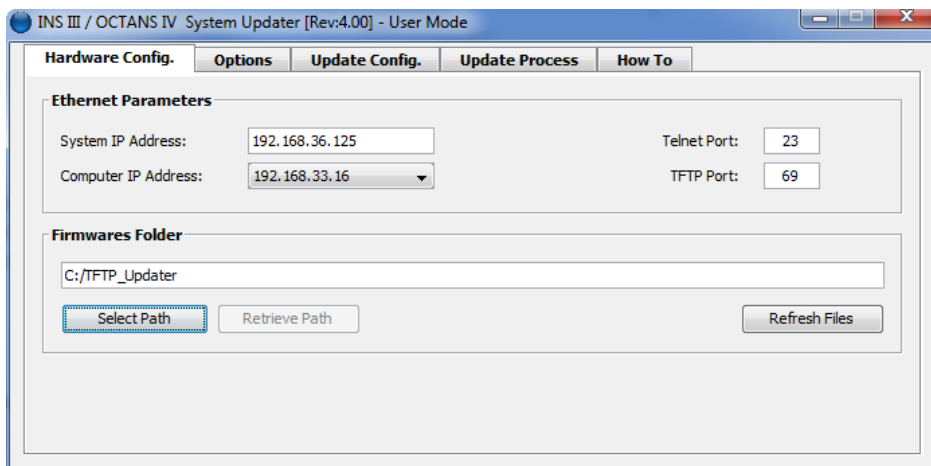
2. In the Web-Based User Interface, click on the SETUP menu then select Settings Management.  
In the SAVE SETTINGS area, click on the Save Settings button to save the user configuration.
-

**Step Action**

3. Unzip the update firmware package to a local folder in order to store the system update package files.
4. Double-click on the SystemUpdater\_xx\_xx.jar file. The System Updater Tool windows is displayed:



5. Click on the **Hardware Config.** tab., the following window is displayed:



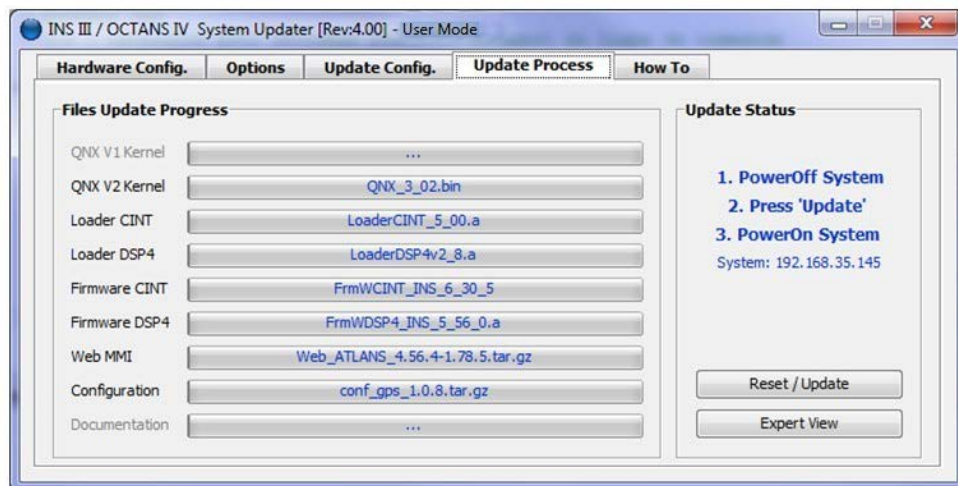
6. Enter the **System IP address:** IP address of the product to be updated.
7. Select the **Computer IP address** (automatically detected by the system updater tool). In case of multiple network adapters (Wifi, Ethernet, ...), the tool will list all detected IP addresses.

Make sure you selected the IP address corresponding to the Ethernet interface connected to the product.

**Step Action**

8. If needed, click on the **Options** tab then tick the **Reset User Configuration** box to delete the current user configuration at the time of the update process.  
The reset user configuration can be also performed with the Web-Based Used Interface, refer to step 21.

9. Click on the **Update Process** tab. The following window is displayed:



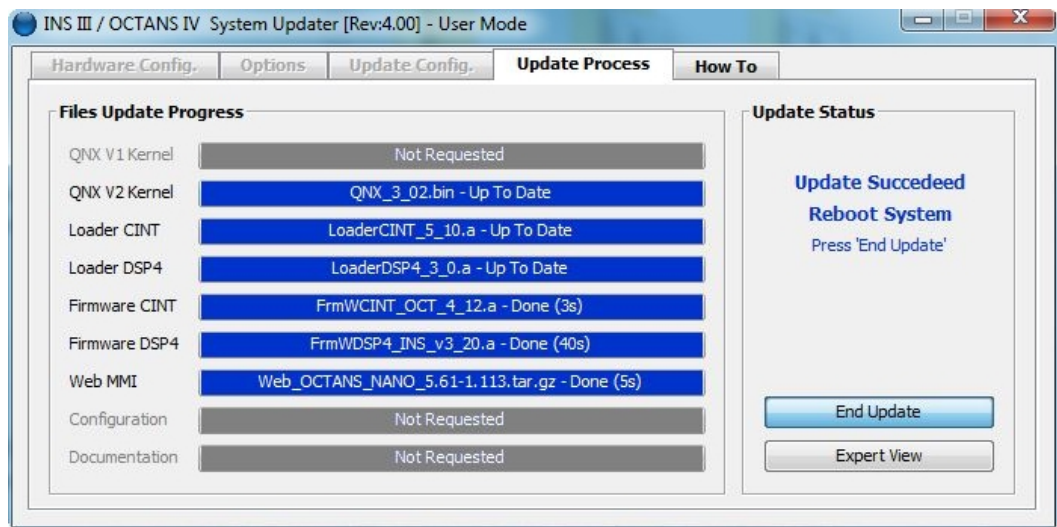
10. Power OFF the system.
11. Click on the **Reset/Update** button to start the update.
12. Power ON the system.
13. Wait for the files to be downloaded.  
**Do not shut down the power during this stage.**
14. Only if explicitly asked by the tool, reboot the system while updating the files.
15. Wait for the end of the update.

A progress bar is displayed for each firmware update. The color of the progress bar after the update determines firmware upgrade status:

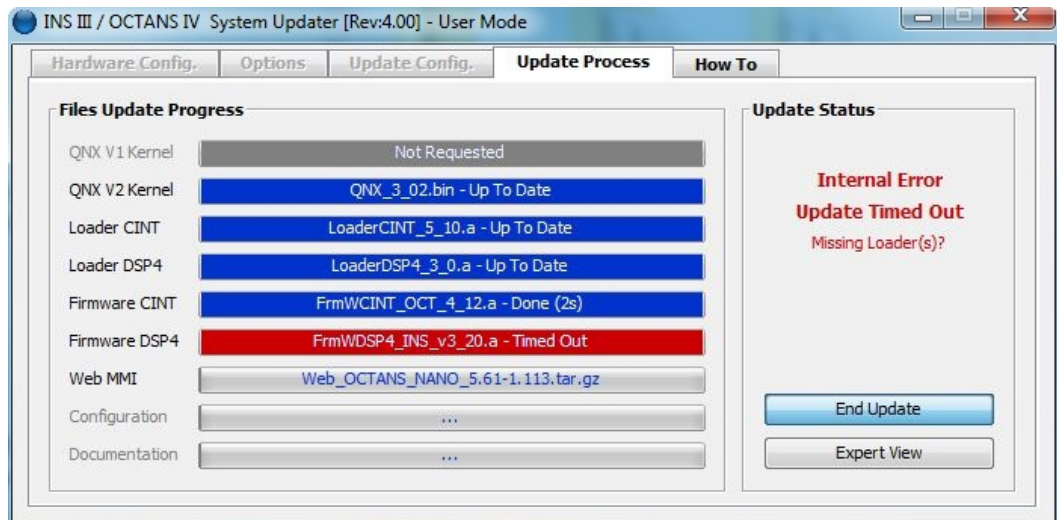
- **Blue bar**: Update succeeded (Done, Not needed because firmware is up to date)
- **Gray bar**: Update not requested or permitted
- **Red bar**: Update failed (Message specific to error)

Find next page an example of succeeded update.

**Step Action**



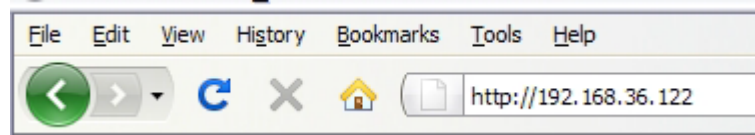
In case of problem, a red bar is displayed as below. In this case, click on Expert View button, then send a copy of the expert view to iXBlue support by mail.



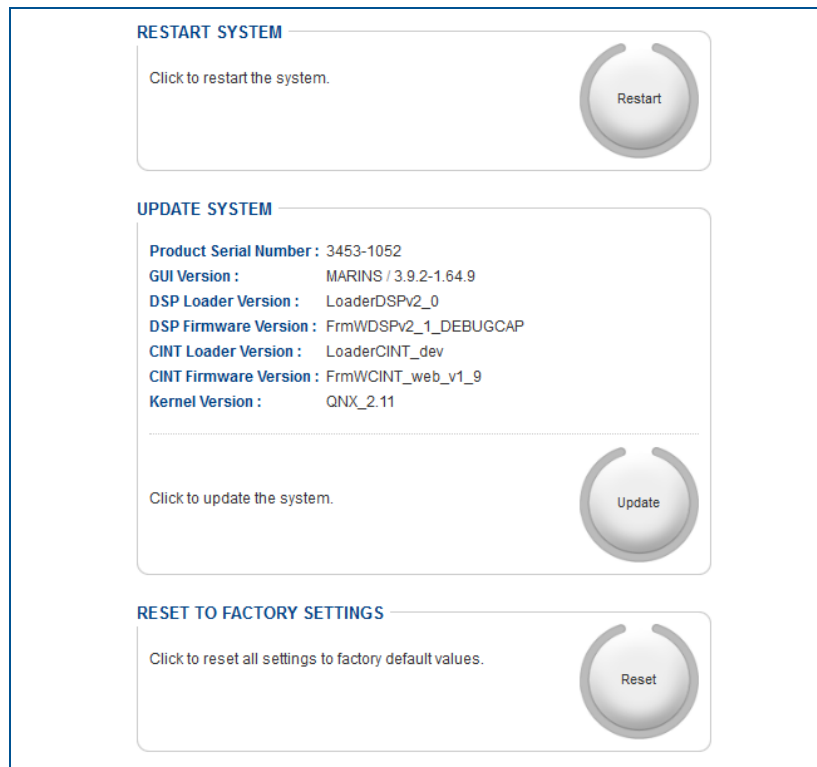
16. Click on the **End Update** button.
17. Restart the product: unplug then plug back the power supply cable again.
18. Clear the browser cache before launching the web-based user interface.
19. Launch the Web-Based User Interface from the web browser hosted on the workstation. Its default URL address is 192.168.36.1xx, xx being the two last numbers of the product serial number: (note: this is the default IP address – it can be changed from the Web-based User Interface if required).

**Step Action**

Example of default URL for a product with serial number ending by 22:



20. Click on the **maintenance** menu. The following page is displayed.



21. In the **RESET TO FACTORY SETTINGS** area in the web-based user interface, click on the **Reset** button to clear the user parameters if it has not been done in the step 8.

A confirmation window is displayed.

22. Click **OK** to restart.

23. In the Web-Based User Interface, click on the **SETUP** menu then select **Settings Management**.

In the **LOAD SETTINGS** area, click on the **Browse** button to locate the user configuration file. Then click on the **Load Settings** button to load the file to the Web-Based User Interface.

24. End of procedure.

## **iXBlue CONTACT - SUPPORT**

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