

Scope:

This procedure will guide you through creating an **X-50** system backup and upgrading system software. At XBLUE we always strive to deliver great features for an affordable price and from time to time will update the **X-50** system software. It is always a good idea to upgrade the software to the most current.

Procedure:

Tools needed:

A computer (desktop or laptop) with a connection to the Local Area Network where the X-50 is installed and a connection the Internet

An Internet Web Browser such as Windows® Internet Explorer version 8, Mozilla™ Firefox, or Google® Chrome

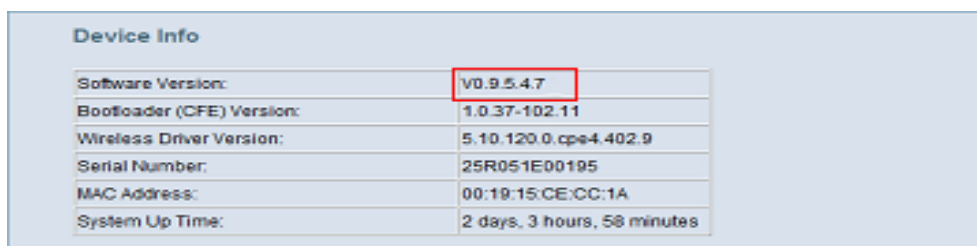
Instructions:

Step 1:

Open your Internet Browser and go to http://www.xbluenetworks.com/x-50_IPsystem.html and click on the “Current **X-50** Software version...” the name of the software is also the version number. Be sure to save the file in a location that is easy to find such as your desktop.

Step 2:

Using your Internet Browser enter the IP Address of the **X-50** system, at default, the LAN IP Address is 192.168.10.1. Enter the user name (default is admin2583) and the password (default 000000). The first page that is displayed is the “Device Info” page, which shows the current software version. In the example, the software version is V09.5.4.7; it is the last number (.7) that indicates the software version. For example, if the “Current **X-50** Software Version is V09.5.4.10, it is a newer version than the currently loaded software V09.5.4.7.

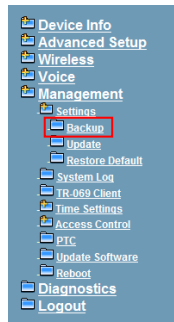


The screenshot shows a 'Device Info' page with a table of system details. The 'Software Version' field is highlighted with a red box, showing 'V0.9.5.4.7'. Other fields include Bootloader (CFE) Version, Wireless Driver Version, Serial Number, MAC Address, and System Up Time.

Device Info	
Software Version:	V0.9.5.4.7
Bootloader (CFE) Version:	1.0.37-102.11
Wireless Driver Version:	5.10.120.0.cpe4.402.9
Serial Number:	25R051E00195
MAC Address:	00:19:15:CE:CC:1A
System Up Time:	2 days, 3 hours, 58 minutes

Step 3:

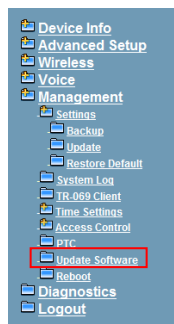
If the system is already programmed (in service) it is a good idea to do a backup before upgrading the system software. To create a back up click on Management > Settings > Backup



Click on the “Backup Settings” button on the “Backup” page and be sure to save the file in a location that is easy to find such as your desktop.

Step 4:

Once the backup is complete, click on Management > Settings > Update Software.



Click on the “Browse...” button and locate the software that was downloaded in Step 1. Once the file is located click on the “Update Software” button, the procedure will take between 7 and 10 minutes.

Management -- Update Software

Step 1: Obtain an updated software image file from your system provider.

Step 2: Click the "Browse" button to choose the software file.

Step 3: Click the "Update Software" button to update the software.

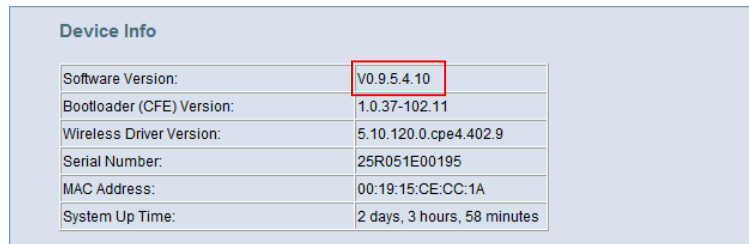
NOTE: The update process takes about 7~10 minutes to complete, and the unit will reboot.

Software File:

The **X-50** will automatically reboot once the upgrade is complete, and will be back on line when the power button stops flashing and is lit solid.

Step 5:

To verify that the upgrade was successful log back into the **X-50** by reentering the IP Address and then Reenter the user name (default is Admin2583) and the password (default 000000). On the “Device Info” page locate the “Software Version, which should match the new software version that was downloaded from XBLUE Networks’ website.

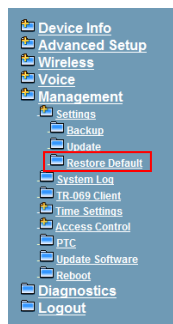


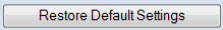
Device Info	
Software Version:	V0.9.5.4.10
Bootloader (CFE) Version:	1.0.37-102.11
Wireless Driver Version:	5.10.120.0.cpe4.402.9
Serial Number:	25R051E00195
MAC Address:	00:19:15:CE:CC:1A
System Up Time:	2 days, 3 hours, 58 minutes

Step 6:

Although it is not always necessary it is a good idea to set the **X-50** System back to factory default. This will ensure that all of the parameters are starting off fresh. After the factory default, all of the system programming can be restored using the backup that was done in step 2.

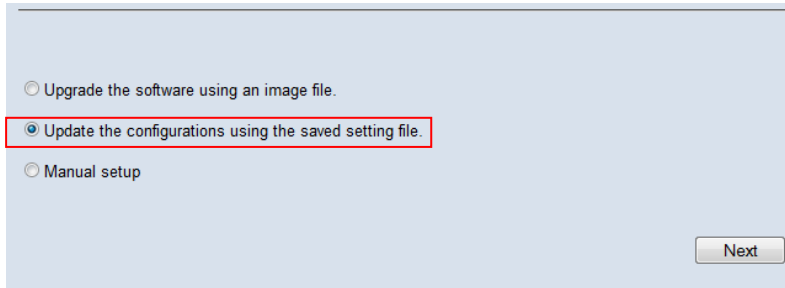
There are two ways to reset the **X-50** system back to factory default, but the easiest way is to reconnect to the **X-50** system and click on Management > Settings > Restore Default



Click on the “Restore Default Settings” button  on the Restore Default page. The **X-50** will automatically reboot after the procedure and will be back on line when the power button stops flashing and is lit solid.

Step 7:

Using an Internet Web Browser log back into the **X-50** – because the system is now at factory default, be sure to use the default login and password. The **X-50** system will be in “Setup Wizard” mode.



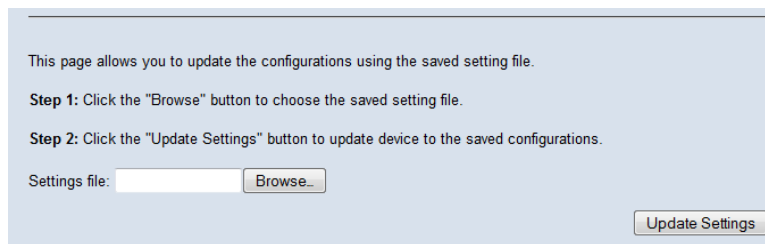
Upgrade the software using an image file.

Update the configurations using the saved setting file.

Manual setup

Next

Select “Update the Configurations using the saved settings file” to restore your backed up file. Then click on “Browse...” and locate the back up and then click on “Update Settings”.



This page allows you to update the configurations using the saved setting file.

Step 1: Click the “Browse” button to choose the saved setting file.

Step 2: Click the “Update Settings” button to update device to the saved configurations.

Settings file: Browse...

Update Settings

The procedure will take 3 to 5 minutes. The **X-50** will automatically reboot once the upgrade is complete, and will be back on line when the power button stops flashing and is lit solid.

The system programming will be restored.