# XPi 10esp Exporter
## Software Upgrade
## Application Guide

597-0542-012 Revision A
February 1, 2012

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# 1. XPi 10esp Software Upgrade Overview

The latest version of XPi 10esp Software for the FM HD exporter is available as a download from the BE website at: http://www.bdcast.com under the "Support" tab, "RF Technical Services," then select XPi 10esp from the product pull-down.

NOTE: The XPi 10esp requires IDi 20/40 software (4.3.1 or newer) and the Exgine card firmware (4.0 or newer).

With the XPi 10esp, updating the software is automatic. Simply run the executable file and the program takes care of the rest.

Once you have this file downloaded onto your computer, unzip it, read the text file and then run the .exe file.

After the update has completed, you must restart the XPi 10esp. The level of restart required is dependent on the type of update.  If the upgrade included only a software change, a simple "reset" from the XPi Diagnostics GUI screen is all that is needed.  This can be accomplished remotely.

However, if the software AND the firmware has changed during the update (any change in FPGA version), then the unit will be required to have its AC power cycled (physically turn the power OFF, then ON again from the rear of the unit).

Note: Refer to the Exporter Release Notes.txt file, included with the download, to determine if the XPi 10esp firmware (FPGA version) has also changed as part of the upgrade.

## 1.1.  Tools / Items Needed

☐  Downloadable zip file.

☐  Computer connected to the network able to access the XPi 10esp.

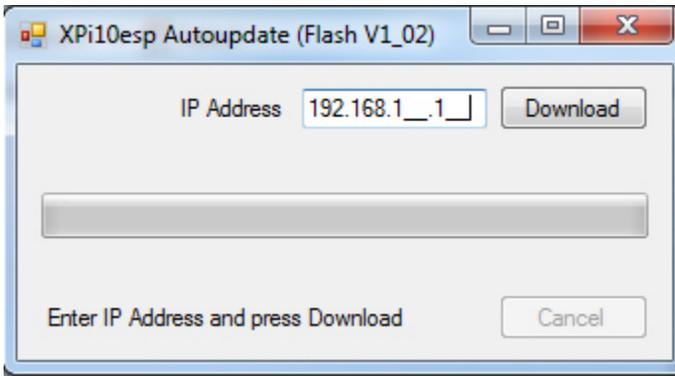## 1.2.  Estimated Time for Software Upgrade

It will take approximately 10 minutes to upgrade the software in the XPi 10esp. Note that the XPi 10esp will be off of the air during this process.  If the transmitter is in Hybrid Mode, it will remain on the air in FM ONLY operation.
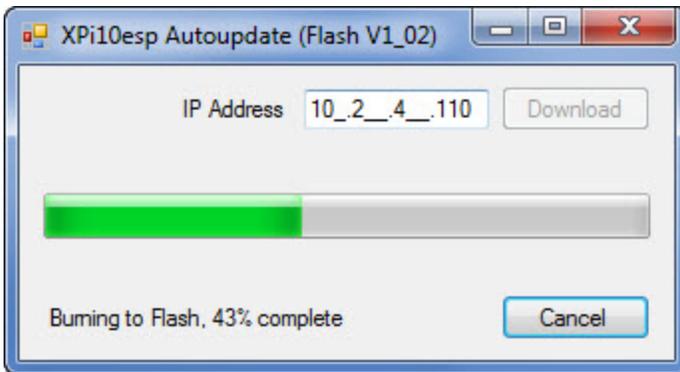
# 2. Run the Executable file

Double click on the zipped executable file and the XPi10esp Autoupdate program will launch.
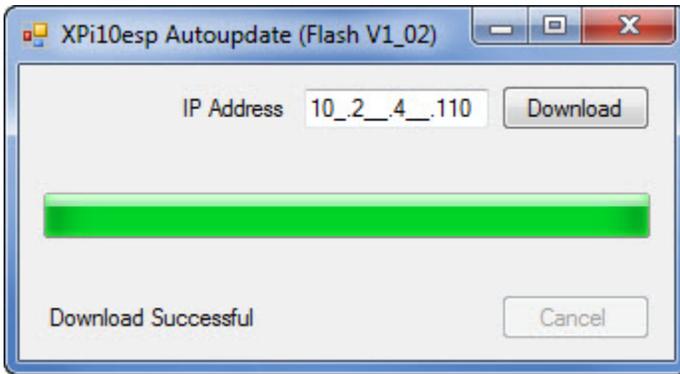
Populate the IP address with the IP address of the XPi 10esp. Note the unit may have been configured as a single or dual port unit which will dictate which IP address you will enter. See the XPi 10esp manual IP Setup for more details.

When entering in the IP address, the numeral must begin at the left most space for each number window; highlight any address entered and delete it. Place the curser in the left most field and inter the number. Use the space bar to skip spaces for no number and arrow keys to navigate to the next number window. After you enter in your IP address, press Download and the update will start.

## 3. Reset the XPi 10esp

After the update has completed, you must restart the XPi 10esp. The level of restart required is dependent on the type of update.  If the upgrade included only a software change, a simple "reset" from the XPi Diagnostics GUI screen is all that is needed.  This can be accomplished remotely.

However, if the software AND the firmware has changed during the update (any change in FPGA version), then the unit will be required to have its AC power cycled (physically turn the power OFF, then ON again from the rear of the unit).

**Note:** Refer to the Exporter Release Notes.txt file, included with the download, to determine if the XPi 10esp firmware (FPGA version) has also changed as part of the upgrade.

## 4. Additional Documentation

For more information see: XPi 10esp HD Radio Signal Embedded Exporter manual 597-0542-010.

This document was included in the shipment from B.E. and may also be found at www.bdcast.com under the "Support" tab, then "all Product Manuals."

## 5. Troubleshooting

If during the update, the Autoupdater times out, verify the correct IP address is being used to update the unit. Locate this on the XPi IP Setup GUI screen.

If the XPi 10esp is set up as a single port the existing network cable will be connected to the bottom port on the back of the unit.

If the XPi 10esp is set up for dual port, then the GUI is connected to the top and the data is connected to the bottom. You will want the address of the top (GUI) port.

See the XPi 10esp Operation manual 597-0542-010 for more details.

# 6. RF Technical Services Contact Information

RF Technical Services -

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