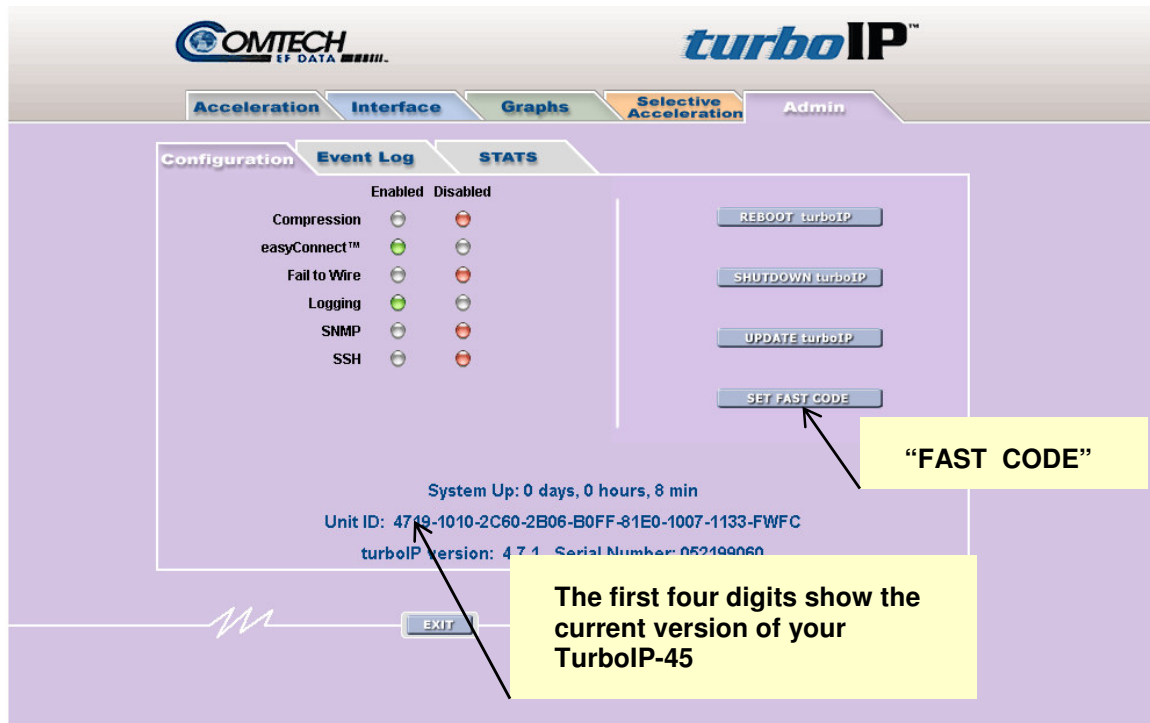


TURBOIP-45™ VERSION 5.1.1 UPGRADE INSTRUCTIONS

Version 5.1.1 Upgrade Files



The currently installed version can be found by:

Serial port - the version will be displayed in the upper left corner of all menus.

Web - select Administration/Upgrade *turboIP-45*.

Version 5.1.1 is **recommended** for all field-installed *turboIP-45* systems. Upgrades can be done using the “Upgrade” screens on the HTTP or CLI interfaces.

The Version 5.1.1 release package contains this document, the Release Notes, and the following files;

Fw12995F_From_471_Upgrade.zip - *Version 5.1.1 upgrade image*

Fw0000013F.mib - *MIB file for Version 5.1.1 SNMP monitoring*

Fw0000014F.mib - *MIB file for Version 5.1.1 SNMP monitoring*

IMPORTANT NOTES

- Do not “unzip” the upgrade file since it is in a proprietary format.
- The MIB files are only needed for SNMP monitoring and should be compiled on a MIB Browser or SNMP NMS monitor PC.

Backward Compatibility

A turboIP unit running V5.1.1 is verified compatible with turboIP units running V4.5.X and greater. No guarantee is being provided, at this time, that V5.1.1 will be compatible with versions before V4.5.X. However, to avoid performance degradation and future compatibility issues, a network-wide upgrade of all units to V5.1.1 should be performed.

***TurboIP-45* Upgrade Procedure**

The *turboIP-45* can be upgraded by one of two methods; using an FTP server with the upgrade file or by placing the upgrade file on the same PC that you are using to web browse the *turboIP-45*. From the Admin page, select Upgrade *turboIP-45* and then select the preferred method.

***turboIP-45* Upgrade Procedure using an FTP server**

To upgrade the *turboIP-45* by FTP, the upgrade file needs to be placed on an FTP Server.

Configure your FTP Server with a login name and password with the Home Directory set to the location of the upgrade file – [fw12995F_From_471_Upgrade.zip](#)

The upgrade will be from V4.7.1 using the [fw12995F_From_471_Upgrade.zip](#) file.

In this example, the file has been renamed to [upgrade.zip](#).

COMTECH OF DATA **turboIP™**

Acceleration Interface Graphs Selective Acceleration Admin

Configuration Event Log STATS

	Enabled	Disabled
Compression	<input type="radio"/>	<input type="radio"/>
easyConnect™	<input type="radio"/>	<input type="radio"/>
Fail to Wire	<input type="radio"/>	<input type="radio"/>
Logging	<input type="radio"/>	<input type="radio"/>
SNMP	<input type="radio"/>	<input type="radio"/>
SSH	<input type="radio"/>	<input type="radio"/>

REBOOT turboIP

SHUTDOWN turboIP

UPDATE turboIP

SET FAST CODE

System Up: 0 days, 0 hours, 8 min

Unit ID: 4719-1010-2C60-2B06-B0FF-81E0-1007-1133-FWFC

turboIP version: 4.7.1 Serial Number: 052499060

EXIT

Accelerated by SKIPWARE®

The serial number displayed on the upgrade screen provides unit and installed software identification for support purposes.

Select the **UPGRADE turboIP** button to display the upgrade window.

COMTECH OF DATA **turboIP™**

Acceleration Interface Graphs Selective Acceleration Admin

Please select one of the update methods below:

This method requires the update file to be on an FTP server that is accessible to the turboIP. You need to provide the username, password, server address, and path and filename of the update file on the server.

FTP UPDATE

This method requires the update file to be on the same computer as the web browser you are currently using. You need to provide the path and filename of the update file.

UPLOAD UPDATE

CANCEL

Unit ID: 4719-1010-2C60-2B06-B0FF-81E0-1007-1133-FWFC

Accelerated by SKIPWARE®

The screenshot shows the COMTECH turboIP web interface. At the top, there are logos for COMTECH and turboIP. Below the logos are navigation tabs: Acceleration, Interface, Graphs, Selective Acceleration, and Admin. The main content area has a light purple background and contains the following fields:

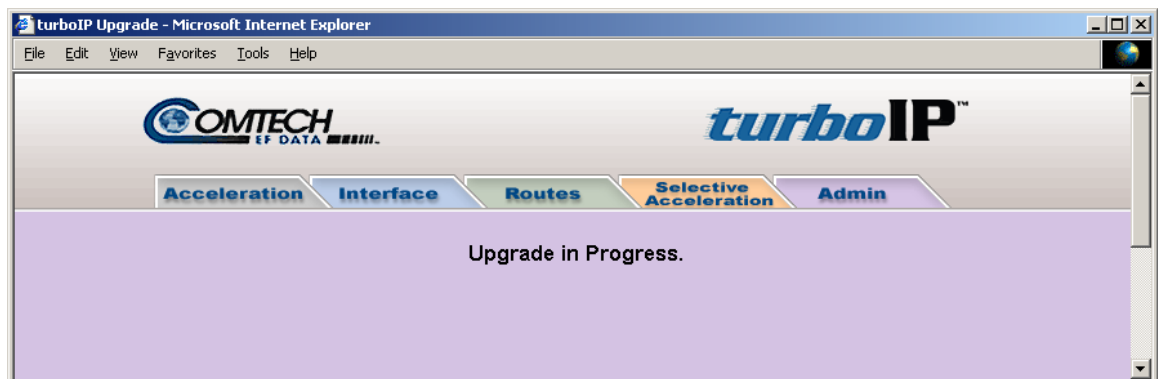
- User Name:
- Password:
- FTP Server:
- File:

Below these fields are two buttons: CANCEL and UPDATE turboIP. At the bottom of the main area, the Unit ID is displayed: 4719-2020-3B06-1106-B700-05B7-1007-1135-FWFD. In the bottom right corner, there is a logo for SKIPWARE with the text "Accelerated by".

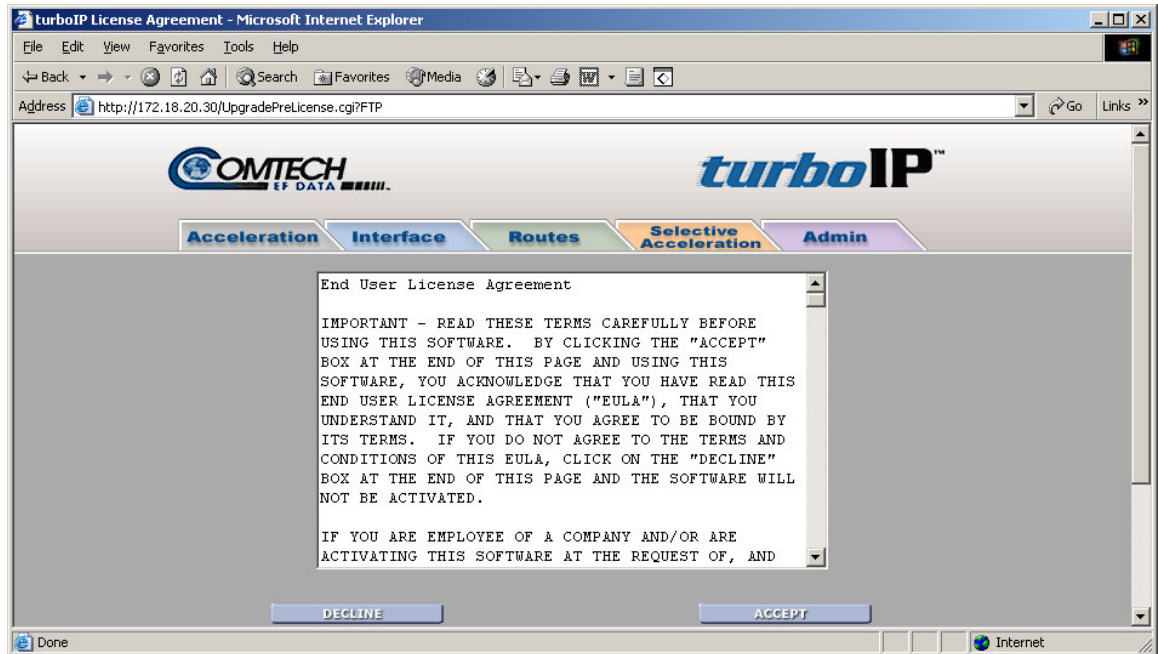
Use the **UPGRADE turboIP-45** function to upgrade the unit's software.

Field	Description
User Name	Enter the login name for the FTP Server.
Password	Enter the password for the FTP Server
FTP Server	Enter the IP Address for the FTP Server (eg. 10.10.10.1)
File	Enter the File name of the upgrade package (and the pathname if the file is not located in root directory) <div> File: <input type="text" value="turboIP/upgrade.zip"/> </div>

When ready, pressing **UPGRADE turboIP-45** will force the unit to attempt to connect to the FTP Server and load a new image.



Once the upgrade completes successfully, the following EULA message is displayed:

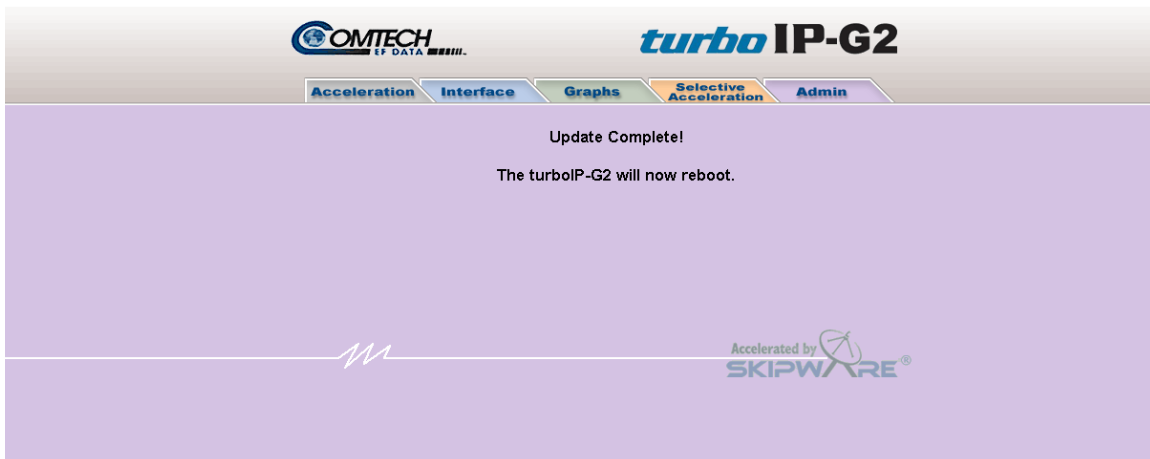


After accepting the EULA, the following message is displayed:

Upgrade Complete!

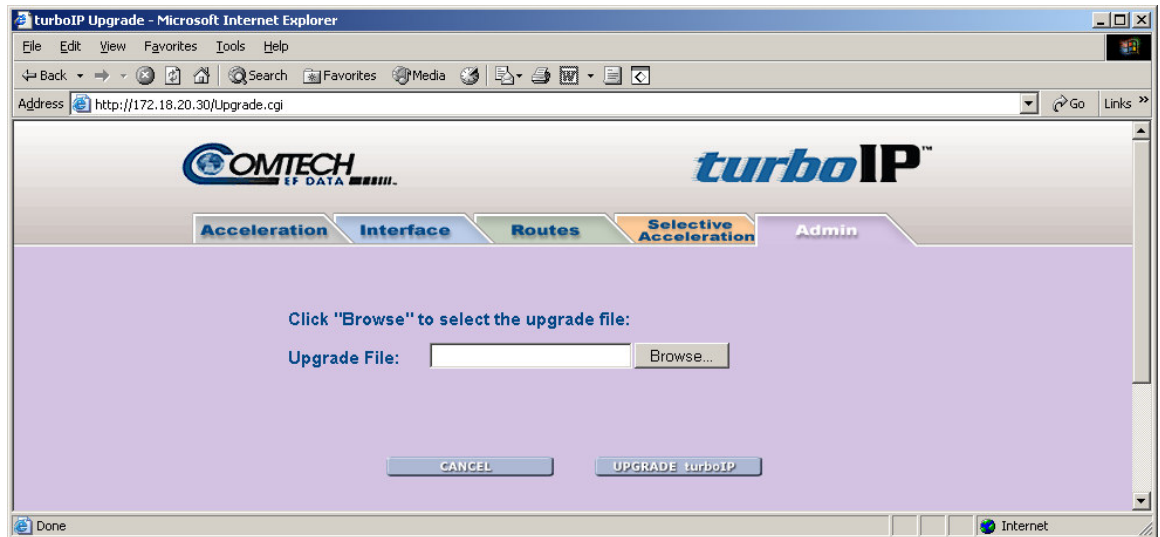
The turboIP will now reboot.

You will need to Power cycle the TurboIP-45 to go to Version 5.1.1.

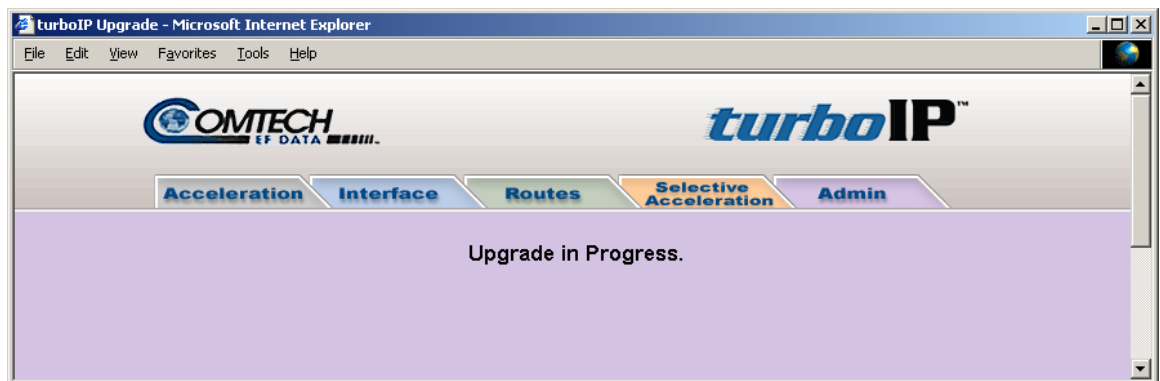


TurboIP-45 Upgrade Procedure using Upload Upgrade

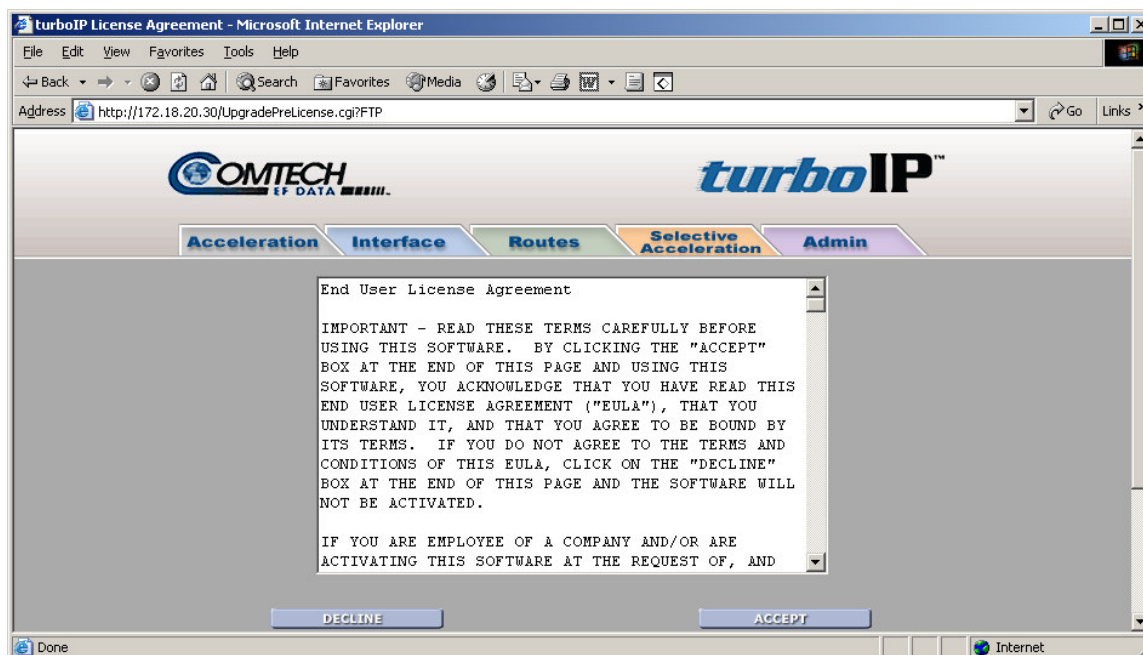
To upgrade the *turboIP*-45 by FTP, the upgrade file needs to be placed on same PC that you are using to web browse the *turboIP*-45. Click “Browse” to select the path to the directory containing the upgrade file.



When ready, select **UPGRADE turboIP-45** and the upgrade file will be loaded on *turboIP*-45.



Once the upgrade completes successfully, the following EULA message is displayed:

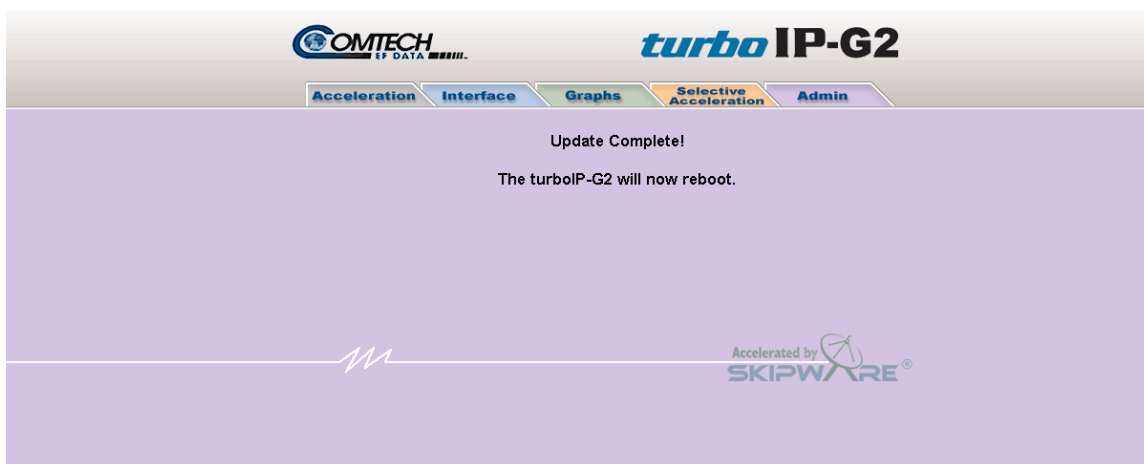


After accepting the EULA, the following message is displayed:

Upgrade Complete!

The turboIP will now reboot.

You will need to Power cycle the TurboIP-45 to go to Version 5.1.1.

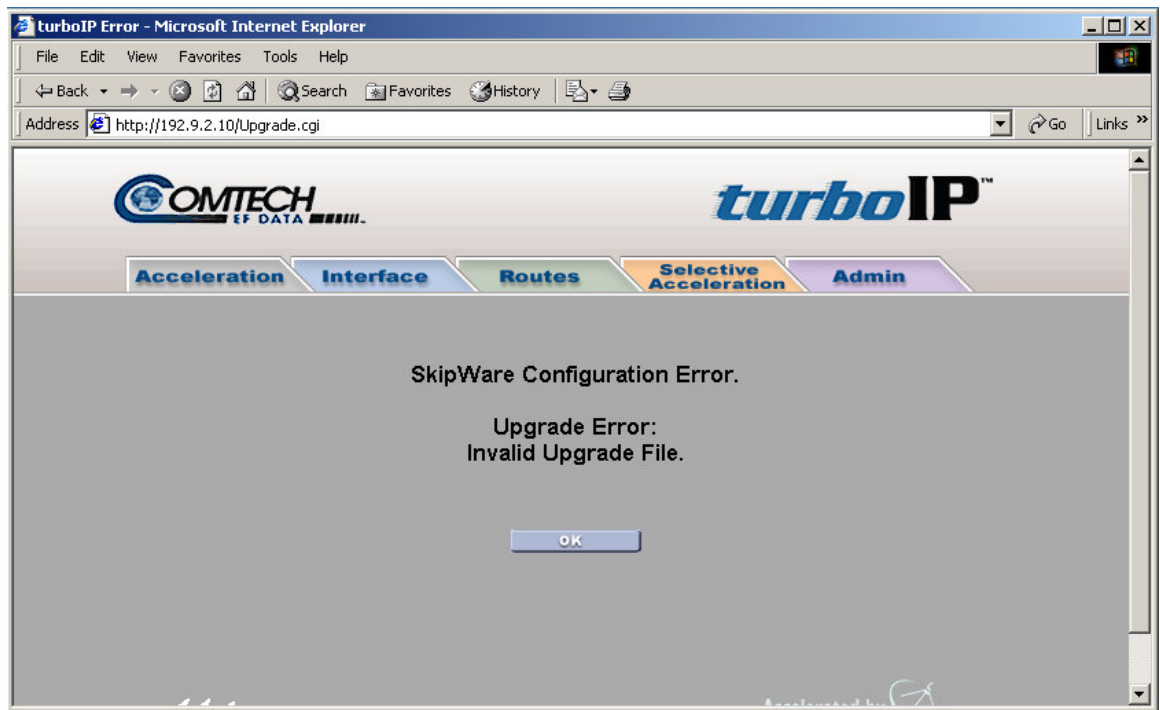


TurboIP-45 Upgrade Troubleshooting

If the upgrade process fails, the failure may be due to any of these causes:

- Incorrect username / password
- Incorrect FTP server IP address
- File does not exist
- Specified file is not a valid upgrade file

Appropriate messages are displayed in each case. For example, if the file is not a valid upgrade file or has been corrupted, the following message is displayed:



Contact CEFD Network Product Support cdmipsupport@comtechefdata.com if there are any difficulties or questions about upgrading your *turboIP-45*.