

Exigo Devices Upgrade

From exigowiki

This article describes how to upgrade software on Exigo devices.

All Turbine based Exigo devices use the same software image:

- Access Panels
- Amplifiers
- Secondary System Controller (SSC)
- TKIE/TKIS kits
- IP Speakers



Example of Exigo Devices

Note that there is a separate upgrade procedure for the CRM-V IP Flush Master Station.

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Upgrade using the Web Interface

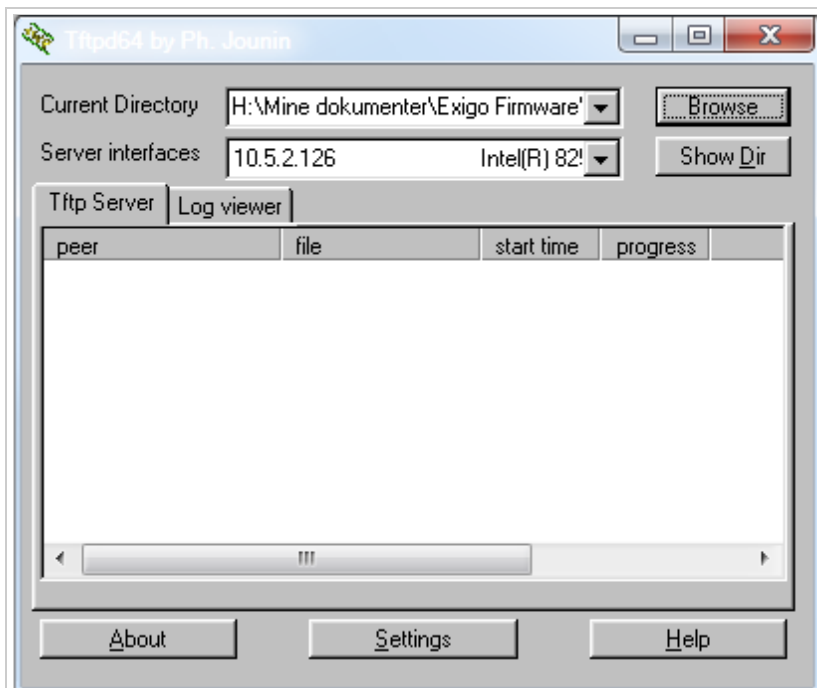
The Exigo devices are upgraded via the web interface of the device.

Prerequisites

1. A TFTP Server must be available. A TFTP server can be downloaded from here:
http://tftpd32.jounin.net/tftpd32_download.html
2. Download the latest Exigo firmware/software package and unzip the folder.
3. Check if your local firewall is not blocking incoming ping/ICMP (Turbine station is pinging TFTP Server during update process).

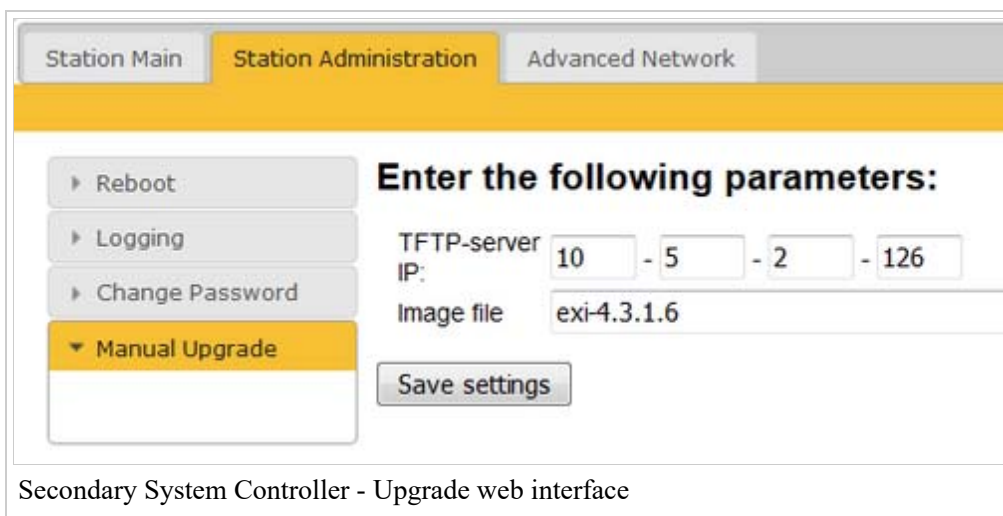
Upgrade procedure

- Start the TFTP server program and click **Browse**, and select the folder where the latest version of **exi-x.x.x.x** software files are located



TFTP32

- Log on to the **Exigo device** web interface. Default login credentials are **admin** and **alphaadmin**. Select **Station Administration > Manual Upgrade**
- Enter the IP address of the TFTP server (I.e. the IP address of your PC)
- Enter the image file: exi-x.x.x.x, and click Save settings



Secondary System Controller - Upgrade web interface

The station will now contact the TFTP server and download the files. The upgrade procedure takes about 3 minutes. The process can be monitored by clicking the Log viewer tab in the TFTP server program.

Upgrade using Primary System Controller Web Interface

It is also possible to upgrade attached Exigo devices using the Web Interface on the Primary System Controller.

Go to **System Maintenance -> IP station Upgrade**.

Here you will see a list of the attached devices and the software version:

The screenshot shows the AlphaWeb XE interface with the 'System Maintenance' tab selected. Under 'System Upgrade', 'IP Station Upgrade' is chosen. The 'TFTP Server' section has fields for IP Address, Image Name, and Image crc32, with a 'Save' button below. The 'IP Stations' section contains a table with columns: Check, Dirm, Text, IP Address, MAC Address, Status, Type, Sw Ver, HW Rev, Time of registration, and Upgrade Status. Below the table is an 'Update Station List' button. The 'IP Station Discovery' section has fields for Network Address, Subnet Start, Subnet End, and Poll timeout (in ms), with a 'Save' button below.

Check	Dirm	Text	IP Address	MAC Address	Status	Type	Sw Ver	HW Rev	Time of registration	Upgrade Status
<input type="checkbox"/>	011010	EAPII-6 A1	10.5.11.186	0013CB0D03B4	IP_UP	8124	4.3.2.3	01	2016-12-08 15:44	
<input type="checkbox"/>	012010	ENA2200 A1	10.5.11.154	0013CB0C020E	IP_UP	83301	4.3.2.3	01	2016-12-08 15:44	
<input type="checkbox"/>	013010	ESC1 A	10.5.11.171	0013CB0C0424	IP_UP	83201	4.3.2.3	01	2016-12-08 15:45	
<input type="checkbox"/>	023010	ESC1 B	10.5.11.168	0013CB0C03E6	IP_UP	83201	4.3.2.3	01	2016-12-08 15:46	

Primary System Controller - IP Station Upgrade

In the **TFTP Server** fill in IP Address and Image name (See section above regarding TFTP Server), and press **Save**.

In the **IP Station** list select the desired devices and press **Update Station List**.

Additional Information

Installing a TFTP server on your PC

- Download the TFTP Server program tftpd64 standard edition (installer) from http://tftpd32.jounin.net/tftpd32_download.html.
- For 32 bit computers download tftpd32 standard edition (installer)
- Unzip the tftpdxx.yyy.zip file. (e.g. to C:\tftpdxx\)
- Run the tftpdxx.exe file. The program is run by selecting the extracted .exe file, no installation is needed.
- Turn off every thing except "TFTP Server" under **Settings > Global**. Especially important to turn off "DHCP Server", as this server part of the tftpxx application may interfere with other DHCP servers in the network
- Select the base directory (e.g. C:\Software) by selecting the **Settings > TFTP**, then **Browse**
- The TFTP Server program must be running during the software upgrade process

Troubleshooting

In the case the upgrade is not successful it may be due to a windows setting.

- For Windows XP: <http://www.sysprobs.com/enable-ping-in-xp>
- For Windows7: <http://www.sysprobs.com/enable-ping-reply-windows-7>
- For Windows10: <http://www.sysprobs.com/enable-ping-reply-and-ftp-traffic-in-windows-10-and-server>

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