

Upgrading TracPhone® FB500/FB250/FB150 Software

These instructions explain how to upgrade the TracPhone FB500/FB250/FB150 software.

Equipment Requirements

- Windows®-based PC with WinZip® (or equivalent) installed and the new system software package downloaded from the KVH Partner Portal
- Ethernet cable

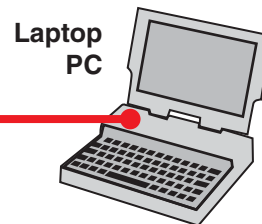
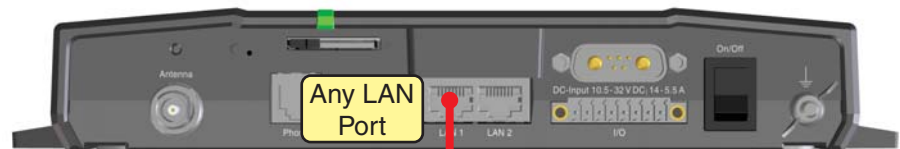
Upgrade Instructions

IMPORTANT!

The screen images in these instructions are provided for example only. They do not show the latest filenames or software versions.

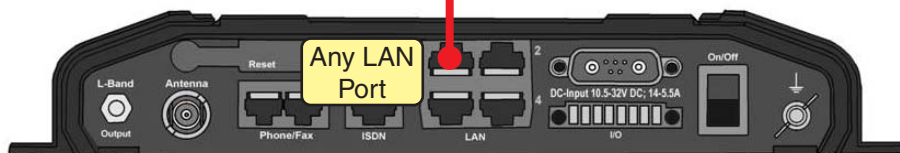
1. When you downloaded the system software from the KVH Partner Portal, a zipped file should have been saved to your computer. Unzip (extract) the files into a directory of your choice on your computer's hard disk.
2. Using an Ethernet cable, connect your computer to any LAN port on the TracPhone terminal.

FB150 Terminal



OR

FB500/FB250 Terminal



3. Turn on the TracPhone system and wait a few minutes for system startup.
4. Open your web browser and enter **http://192.168.0.1** to access the terminal's web interface.
5. Select **ADMINISTRATION** from the main menu.
6. At the Administrator login, enter the user name **admin** and the password **1234**.
7. Select **Save** to save the system's current configuration settings to your PC. *If the software upgrade clears the system's configuration data, you might then be able to load it back into the system from this screen. The default file name is Config.dat.*

The screenshot displays the TracPhone web interface. On the left is a vertical menu with options: DASHBOARD, PHONE BOOK, MESSAGES, CALLS, SETTINGS, ADMINISTRATION (circled in red), Call charges, Log handling, Profiles, Traffic flow filters, SIM Lock, User permissions, HELPDESK, and SITE MAP. The main content area has a header with 'SIGNAL:' and a signal strength indicator. Below this is a red warning: 'Please remember to log off after use'. The 'Change administrator login' section contains fields for 'User name', 'New password', and 'Retype new password', with a 'Change' button. The 'Configuration' section has a 'Save configuration to file' button (circled in red) and a 'Load configuration from file' section with a file input, 'Browse...', and 'Load' buttons. At the bottom is an 'Administrator logoff' section with a 'Logoff' button.

8. Select **SETTINGS** from the main menu.

SIGNAL: ■■■■■■			
DASHBOARD	PROPERTIES		SESSIONS TOTAL
CONNECT	Airtime provider	Stratos	Standard voice inbound 00:00:00
PHONE BOOK	GPS position	N 41°31', W 71°16'	Standard voice outbound 00:01:36
MESSAGES	Status	Ready	3.1 kHz audio inbound 00:00:00
CALLS	Satellite selection	Auto	3.1 kHz audio outbound 00:00:00
SETTINGS	Current satellite	Americas (elevation: 35°)	Standard data 0.04 MB
ADMINISTRATION	Unit serial number	07442143	Streaming 32 kbps 00:00:00
HELPDESK	Software version	1.09, build 8	Streaming 64 kbps 00:00:00
SITE MAP	Local IP address	192.168.0.1	Streaming 128 kbps 00:00:00
	IMEI number	35162402-000956-1	
	Antenna status	Tracking	
	ONGOING DATA SESSIONS		ONGOING CALLS
	(No active data sessions)		(No active calls)
	PROFILES ON LAN (DEFAULT GROUP)		
	Start Standard		
	<input type="button" value="Refresh"/>		

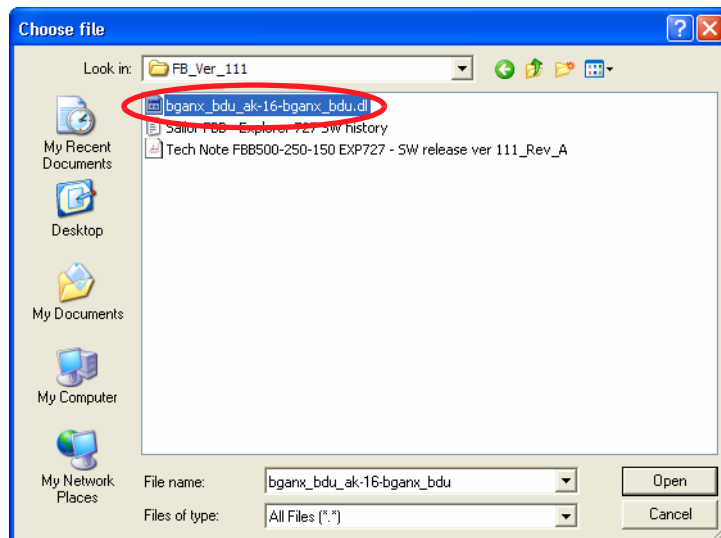
9. Select **Upload**.

SIGNAL: ■■■■■■	
DASHBOARD	ANTENNA
PHONE BOOK	Antenna bootloader version: 0.90
MESSAGES	Antenna software version: 1.4
CALLS	Antenna serial number: 0
SETTINGS	L-BAND CONNECTOR
LAN	L-band connector <input type="radio"/> Enable <input checked="" type="radio"/> Disable
Phone/Fax	<input type="button" value="Apply"/> <input type="button" value="Cancel"/>
ISDN	
Common	
IP handsets	
Discrete I/O	
Upload	
Satellite selection	
Language	
ADMINISTRATION	
HELPDESK	
SITE MAP	

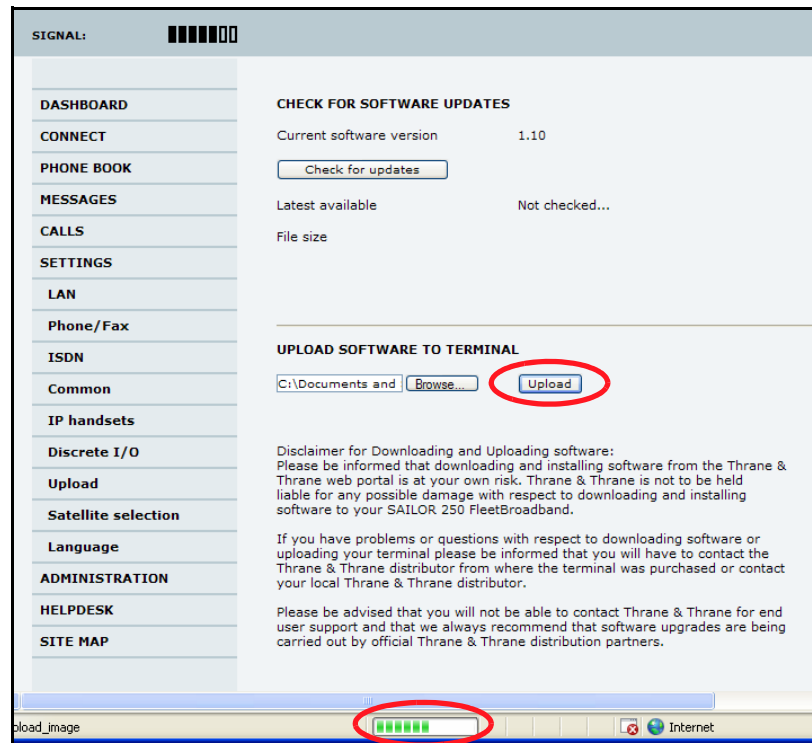
10. Select **Browse**.

The screenshot shows a web interface for a TracPhone device. On the left is a navigation menu with options: DASHBOARD, CONNECT, PHONE BOOK, MESSAGES, CALLS, SETTINGS, LAN, Phone/Fax, ISDN, Common, IP handsets, Discrete I/O, Upload, Satellite selection, Language, ADMINISTRATION, HELPDESK, and SITE MAP. The main content area is divided into two sections. The top section, 'CHECK FOR SOFTWARE UPDATES', shows the current software version as 1.10 and a 'Check for updates' button. The bottom section, 'UPLOAD SOFTWARE TO TERMINAL', features a file input field with a 'Browse...' button circled in red, and an 'Upload' button. Below these buttons is a disclaimer about downloading and uploading software, and a note about contacting the distributor for support.

11. Locate and select the “bganx” software file you extracted from the zip file. (The file ends with the extension “.dl.”)



12. Select **Upload** and verify the software upload progresses, as indicated by the browser's status bar.



13. The terminal will reboot. When all terminal LEDs are lit green and the upload is complete, access the web interface again (192.168.0.1) and verify the Dashboard shows the new software version. Also make sure no new warnings appear in the Event List.

SIGNAL:		
DASHBOARD	PROPERTIES	SESSIONS TOTAL
CONNECT	Airtime provider Stratos	Standard voice inbound 00:00:00
PHONE BOOK	GPS position N 41°31', W 71°16'	Standard voice outbound 00:00:11
MESSAGES	Status Ready	3.1 kHz audio inbound 00:00:00
CALLS	Satellite selection Auto	3.1 kHz audio outbound 00:00:00
SETTINGS	Current satellite Americas (elevation: 35°)	Standard data 1.36 MB
ADMINISTRATION	Unit serial number 07442143	Streaming 8 kbps 00:00:00
HELPDESK	Software version 1.11, build 16	Streaming 16 kbps 00:00:00
SITE MAP	Local IP address 192.168.0.1	Streaming 32 kbps 00:00:00
	IMEI number 35162402-000956-1	Streaming 64 kbps 00:00:00
	Antenna status Tracking	Streaming 128 kbps 00:00:00
	ONGOING DATA SESSIONS	ONGOING CALLS
	(No active data sessions)	(No active calls)
	PROFILES ON LAN (DEFAULT GROUP)	
	Start Standard	
	Refresh	

The upgrade process is complete!