



Sat-Fi Firmware Update v2.4
Instructions

Table of Contents

- 1. OVERVIEW 1
 - ABOUT THIS GUIDE..... 1
 - EQUIPMENT NEEDED 1
- 2. FIRMWARE UPDATE..... 2

1. OVERVIEW

About This Guide

This firmware update guide steps through all aspects of downloading and installing the Sat-Fi firmware. Please be sure to read this guide thoroughly and retain it for future reference.

Equipment Needed

- Computer with Wi-Fi capability
- Globalstar Sat-Fi with Wi-Fi antenna and power adapter
- Globalstar Sat-Fi v2.4 Firmware Updated File

2. FIRMWARE UPDATE

Perform the following to update your Sat-Fi firmware:

Step 1 Download the Sat-Fi v2.4 firmware update to your Wi-Fi enabled computer:
globalstar.com/sat-fi/lander.php#Support

NOTE: Save the program to your computer, do not attempt to run the program.

NOTE: For the below steps the Wi-Fi antenna and power cable must be connected to the Sat-Fi. The Sat-Fi external satellite antenna DOES NOT need to be connected.

Step 2 Turn on the Sat-Fi unit.

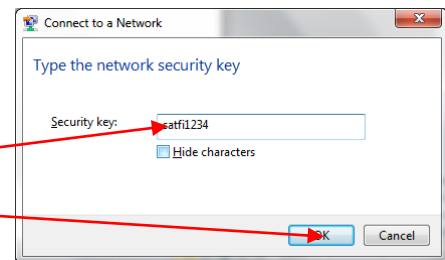
Step 3 On your computer, open the Network Sharing Center and view the Wi-Fi connections that are available.

Step 4 Select **SatFi<XXXXXX>** (<XXXXXX> is a unique identifier for that specific Sat-Fi Unit), and click on **Connect**.



Step 5 The Connect to a Network dialog will be displayed. Perform the following:

- In the **Security Key** field, enter the following: **satfi1234**
- Click on **OK**



Step 6 The Connection dialog will appear displaying your computer is **Connected** Sat-Fi hotspot.



Step 7 Open a web browser and in the address bar enter <http://192.168.1.1> to access the Sat-Fi user interface.

Step 8 A Windows Security dialog will be displayed. Perform the following:

- In the **Username** field, enter **admin**
- In the **Password** field, enter **admin**
- Select **Log in**

Step 9 The Sat-Fi User Interface should be displayed. Check the bottom of the Status screen and verify the firmware version. If the version is not **v2.4** proceed to the next step

NOTE: If it is v2.4 you do not need to update your firmware.

Status

Refresh in 6 seconds.

Satellite Status						
State	Online	Mode	Provider	Gateway	RSSI	Roaming
unregistered	no	voice		-1		no

Call Timers	
Lifetime Voice	Lifetime Data
1:55:59	12:23:33

WiFi Clients						
MAC Address	Signal Avg	Bitrate	Authenticated	Rx Bytes	Tx Bytes	Inactive Time
dc:0c:5c:a2:d9:a6		54.0 MBit/s	yes	65839	49285	2937 ms
54:35:30:1e:5a:4d		13.0 MBit/s MCS 1	yes	71372	20071	62 ms

DHCP Leases			
MAC Address	IP Address	Hostname	Lease Expires
54:35:30:1e:5a:4d	192.168.1.200	9MG4TY1	Sat Jan 01 00:23:58 UTC 2000
dc:0c:5c:a2:d9:a6	192.168.1.195	Travis-iPhone-7	Sat Jan 01 00:21:21 UTC 2000

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Step 10 If the version is v2.3 or lower, click on **Administration**.

Globalstar Sat-Fi

Status | Wi-Fi Configuration | Service Integration | **Administration** | Apps

Status

Refresh in 6 seconds.

Satellite Status

State	Online	Mode	Provider	Gateway	RSSI	Roaming
unregistered	no	voice		-1		no

Call Timers

Lifetime Voice	Lifetime Data
1:55:59	12:23:33

WiFi Clients

MAC Address	Signal Avg	Bitrate	Authenticated	Rx Bytes	Tx Bytes	Inactive Time
dc:0c:5c:a2:d9:a6		54.0 MBit/s	yes	65839	49285	2937 ms
54:35:30:1e:5a:4d		13.0 MBit/s MCS 1	yes	71372	20071	62 ms

DHCP Leases

MAC Address	IP Address	Hostname	Lease Expires
54:35:30:1e:5a:4d	192.168.1.200	9MG4TY1	Sat Jan 01 00:23:58 UTC 2000
dc:0c:5c:a2:d9:a6	192.168.1.195	Travis-iPhone-7	Sat Jan 01 00:21:21 UTC 2000

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Step 11 The Administration screen will be displayed. Scroll down to the Firmware Upgrade section and select **Choose File** and navigate to and select the Sat-Fi firmware v2.4 file downloaded in Step 1.

Firmware Upgrade

This system supports firmware upgrades. In order to upgrade the firmware, a laptop and Internet connection is required.

- Connect the laptop to the Internet
- Visit the Sat-Fi support site to check for available upgrades
- Download the desired firmware binary image
- Connect the laptop to the Sat-Fi unit's WiFi hotspot
- Upload the new firmware binary using the form below

Firmware File No file chosen

Step 12 Select **Upgrade** to start the firmware upgrade process.

Step 13 A Warning message will be displayed. Select **OK**.

192.168.1.1 says:

Performing a firmware upgrade may take several minutes. During this time, the unit should not be powered down. Continue?

WARNING: Once the OK button has been pressed, do not power off the Sat-Fi unit during the upgrade process. Doing so will render the unit unusable.

Step 14 After the firmware update is complete, the Sat-Fi User Interface will display:

The system is rebooting. Please reconnect to the Wi-Fi network after the system reboots. You will be automatically redirected to the administrative interface once the system has rebooted.

Step 15 Wait for the Sat-Fi to complete the upgrade/reboot process. If your computer is not set to auto connect to the Sat-Fi's Wi-Fi, perform the following:

- Exit out of the program
- Perform Steps 1 through 9

Step 16 The Sat-Fi User Interface should be displayed (if not repeat Step 4 through Step 8). Check the bottom of the Status screen and verify that the firmware version is **v2.4**. If not repeat Step 9 through Step 13

Globalstar Sat-Fi

Status Wi-Fi Configuration Service Integration Administration Apps

Status

Refresh in 22 seconds.

Satellite Status						
State	Online	Mode	Provider	Gateway	RSSI	Roaming
unregistered	no	voice		-1		no

Call Timers	
Lifetime Voice	Lifetime Data
1:55:59	15:23:33

WiFi Clients						
MAC Address	Signal Avg	Bitrate	Authenticated	Rx Bytes	Tx Bytes	Inactive Time
54:35:30:1e:5a:4d		19.5 MBit/s MCS 2	yes	33610	22990	54 ms

DHCP Leases			
MAC Address	IP Address	Host Name	Lease Expires
dc:0c:5c:a2:d9:a6	192.168.1.195	Trans-iPhone-7	Sat Jan 01 00:35:32 UTC 2000
54:35:30:1e:5a:4d	192.168.1.200	9MG4TY1	Sat Jan 01 00:10:53 UTC 2000
78:d7:5f:72:0e:de	192.168.1.216	Davids-iPhone-3	Sat Jan 01 00:33:31 UTC 2000

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