

SeaSmart.net Web Content can be updated by FTP file transfer. This App Note describes how to delete existing content and up load new Web Site Files. Web Site Content and links are very dependent on the versions and locations of all files so it usually better to up load all content at once to ensure proper files and directories are created and maintained.

Deleting and up load of Web Content should not be done unless a full back up of the current Web Site is performed.

Modification of Web Site files should not be performed while SeaSmart.net adapters are connected to an active NMEA 2000 bus. To ensure no NMEA 2000 data is being processed, disconnect the 4-pin NMEA 2000 drop cable. Since the adapters are self-powered from the NMEA 2000 bus, it will be necessary to connect the supplied USB cable to a suitable power supply for the adapter during the update. Normally this can be any PC/Laptop but a 5 Volt USB AC adapter will also work for this purpose. The update process does not require a USB data connection.

Once the adapter is powered by the USB port, enter the device address in the Browser to log into the Home page.



Select the **ADAPTER SETUP** link at the bottom of the page.

541-469-4783



It is necessary to Format the Adapter FLASH memory to prevent fragmentation when uploading new files which will affect performance. This will also ensure there is enough memory available to accept all of the Web Content.





From the Device Status Page, select File Upload Link

Select FORMAT at bottom of page

After Formatting is complete, no Web files will exist. However the SeaSmart adapter will still be able to be configured by using a backup set of Web Pages stored in non-volatile memory.



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Status 🖨		-		 	
Bridge	Device Status				
cu	Product Information				
CPII Downe Mont	Product Type:	SeaSmart Wi	Fi 12.1.2.3		
Dispositics	Firmware Version:	5.2.0.0R23.12	2.1.4.2		
DNS	Build Date:	Feb 3 2011 (1	11:11:04)		
Email	Serial Number:	07102317J7	UG0		
Filesystem	Uptime:	0 days 00:03:	45		
FTP	Permanent Config:	Saved			
Host	Region:	United States			
HTTP	Network Settings				
P Address Hiter	Interface:	wlan0			
LPD	Link:	ESTABLISHE	D		
Hodbus	MAC Address:	00:20:4a:c0:d	11:a0		
Network	Hostname:	SeaSmartWif	FI		
PPP	IP Address:	192.168.0.66	/24		
Protocol Stack	Default Gateway:	<none></none>			
Query Port	Domain:	<none></none>			
RSS	Primary DNS:	<none></none>			
SRIP	Secondary DNS:	<none></none>			
SSI	MTU:	1500			
Syslog	VIP Conduit:	Disabled			
System	Line Settings				
Terminal	SeaSmart:	RS232, 5760	0, None, 8, 1, None		
TETP	Log:	RS232, 5760	0, None, 8, 1, None		
Tunnel VIP	Tunneling	Connect Mode	Accept Mode		
WLAN Profiles	Tunnel 1:	Disabled	Disabled		
XIII	Tunnel 2:	Disabled	Disabled		

Default Web Configuration Page

Formatting Complete

Box 5359 Brookings, OR 97415 541-469-4783



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Create

Create

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Internet | Protected Mode

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EVOLUTION OS

marci) E	VOLUTION OS"	
Status 💮 Bridge	Stat	This page displays various statistics and current usage information of the flash filesystem.		
CPM CPU Power Mgmt	Filesystem Stat	Filesystem Statistics		
Diagnostics	Filesystem Size:	2.437500 Mbytes (2555904 bytes)		
DNS Email	Available Space:	2.434898 Mbytes (2553177 bytes) (99%)		
Filesystem FTP	Clean Space:	2.434898 Mbytes (2553177 bytes) (99%)		
Host	Dirty Space:	0 bytes (0%)		
HTTP IP Address Filter	File & Dir Space Used:	2.663 Kbytes (2727 bytes) (0%)		
Line	Data Space Used:	2.538 Kbytes (2599 bytes)		
LPD	Number of Files:	0		
Network	Number of Dirs:	0		
ppp Protocol Stack	Number of System Files:	2		
Query Port	Opened Files:	0		
RSS	Locked Files:	0		
SNMP	Opened for Sharing:	0		
SSH	Current Bank:	A		
S SL Syslog	FW Sectors:	02 - 25, 102 erase cycles 26 - 49, 12 erase cycles		
System	Bank A Sectors:	50 - 88, 851 erase cycles		
Terminal	Bank B Sectors:	89 - 127, 851 erase cycles		
Tunnel	Busy:	No		
VIP	Actions:	[Compact] [Format]		
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Select File System Link

Verify the File system is empty by selecting the File System Link and Browse.

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🔓 Favorites 🛛 👩 Lantronix Web Ma

MatchPort[®] b/g Pro

Create

Directory:

Upload Copy File Source: Destination Copy Move Source: Destination Move TFTP Action: Mode: Local File:

Remote File Host:

Upload File

Statistics Filesystem Browser

Select Browse to view empty folder

Get
 Put
 ASCII
 Binary

Box 5359 Brookings, OR 97415



New Web Content is up loaded to the now empty SeaSmart.net adapter by FTP transfer. There are many applications that support FTP file transfer. This App not will use the built-in capabilities of Windows OS platforms (Windows XP/Vista/7).

Enter the SeaSmart Adapter IP Address



Enter ftp://[the adapter IP address]



Under PAGE – Open in Windows Explorer

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SeaSmart Up Load Web Content

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🚖 Favorites 🛛 🙀 🚺 🔠 • 🏈 Support Tutor	Suggested Sites 🕶 als In 🧭 FTP root at 192.1 🗙	Å • N ·	🗸 🖃 🖷 🔺 Page 🕶 Safety	Ŧ
FTP root a To view this FTF 01/01/2011 12: 01/01/2011 12: 01/01/2011 12:	ternet Explorer Security A website wants to open web conte this program on your computer This program will open outside of Protected mode. Int Protected mode helps protect your computer. If you do website, do not open this program. Windows Explorer Publisher: Microsoft Windows Do not show me the warning for this program again De table	ernt using ernet Explorer's not trust this	ite in Windows Explo	er
			Unknown Some 🔍 1	00% -

Allow the Site to be Open in Explorer



Enter username "admin" and password "seasmart"



SeaSmart Up Load Web Content



Root Directory is empty on adapter.



Prepare to copy new Http directory from SeaSmart update folder



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www.chetcodigital.com www.seasmart.net



Right Click and select COPY from update folder



In FTP directory – Right Click and select PASTE

Organize 👻	97 v	0
Favorites Favorites Desktop Downloads Recent Places Reach VDash_Projects XPORT	e log.txt Http File folder	
Libraries	Copying	
Music Pictures Videos 2 items	From 'O:\SeaSmart\SeaSmart_Ethernet_Update\Http' to '/Http'	
<u> </u>	Cancel	

File Copy Status



SeaSmart Up Load Web Content



After Copy is complete – verify all files were transferred by viewing contents of directories and checking number of files in each sub directory with source. Occasionally, some files may not be copied due to Flash Compaction timeout. If this occurs, repeat the upload process and confirm file overwrite.



Restart Browser and Refresh to verify new site content is restored.



Once FTP File up load has been successfully confirmed, remove the USB power and reconnect he 4-pin NMEA 2000 drop cable to reestablish connection to the NMEA 2000 bus.

Enter the adapter address in the Browser and select the gauge graphic to view live NMEA 2000 data (link time should be updating)

