

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.

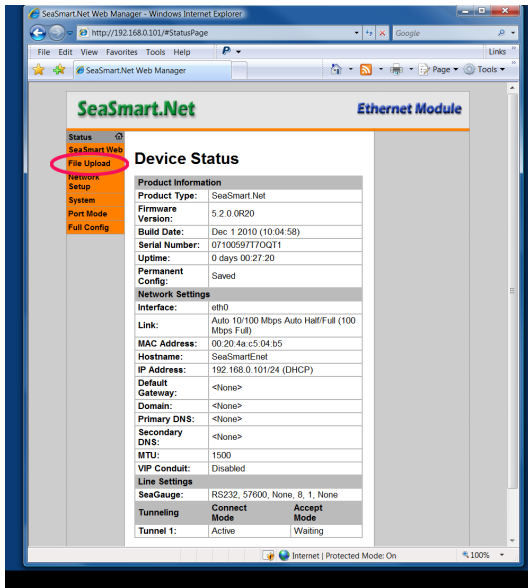
Modification of Web Site files should not be performed while SeaSmart.net adapters are connected to an active NMEA 2000 bus. To ensure no NMEA 2000 data is being processed, disconnect the 4-pin NMEA 2000 drop cable. Since the adapters are self-powered from the NMEA 2000 bus, it will be necessary to connect 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.

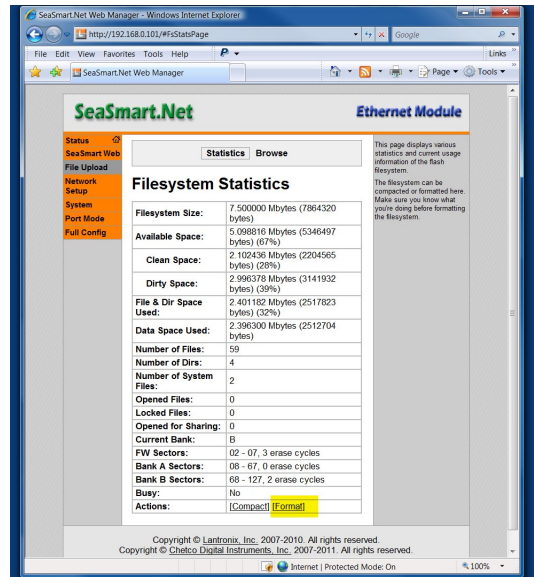


Select the **ADAPTER SETUP** link at the bottom of the page.

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.

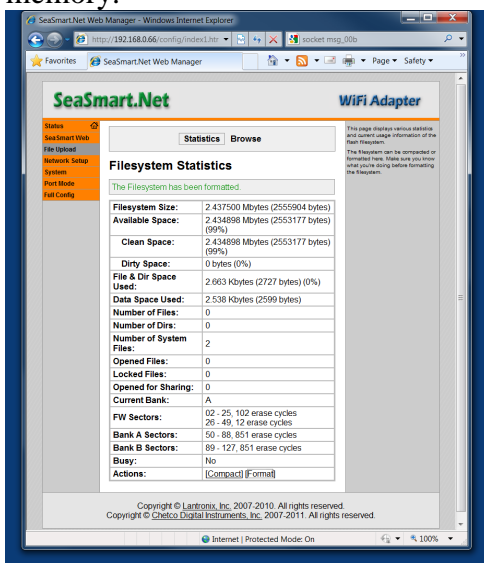


From the Device Status Page, select File Upload Link

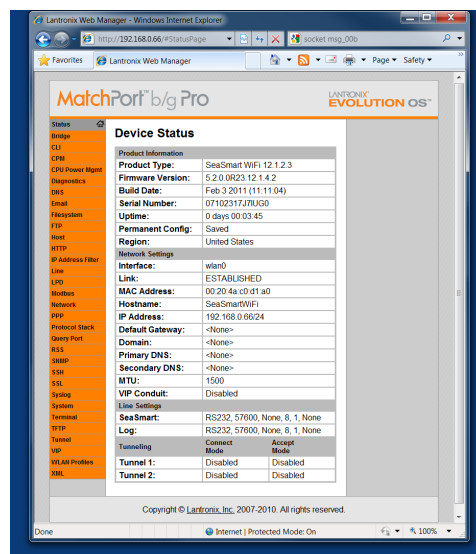


Select FORMAT at bottom of page

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.



Formatting Complete



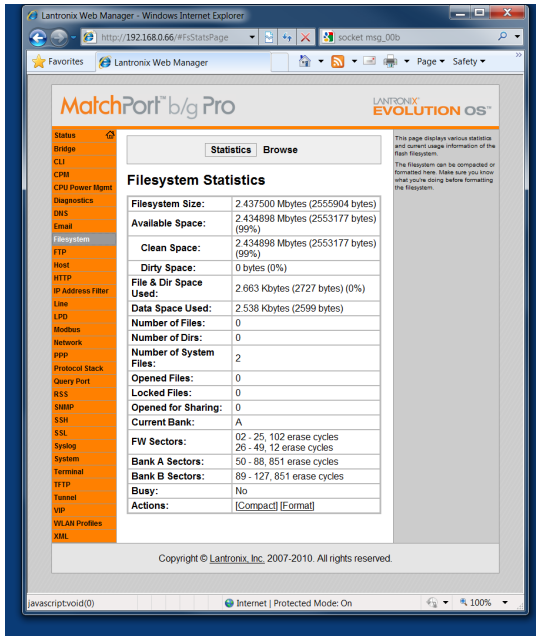
Default Web Configuration Page

Box 5359  
Brookings, OR 97415

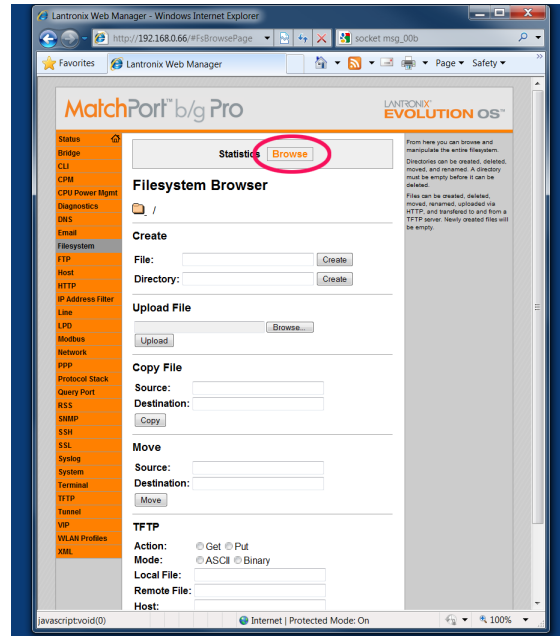
541-469-4783

[www.chetcodigital.com](http://www.chetcodigital.com)  
[www.seasmart.net](http://www.seasmart.net)

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



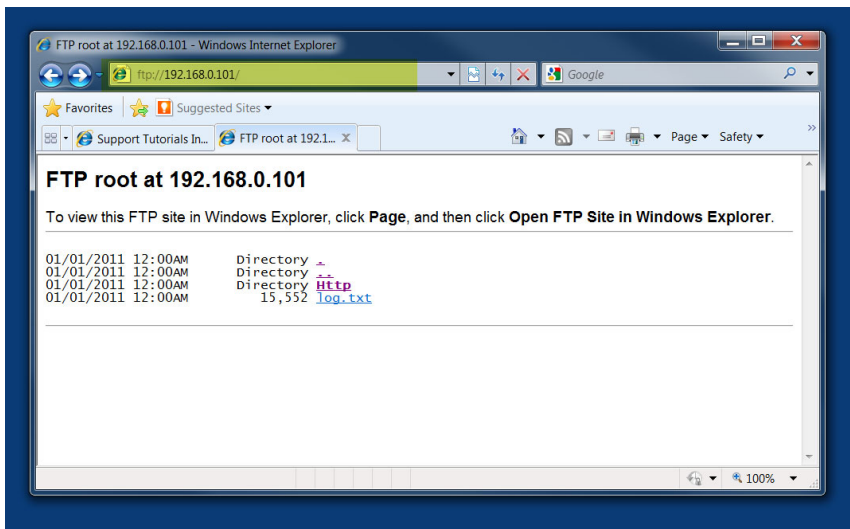
Select File System Link



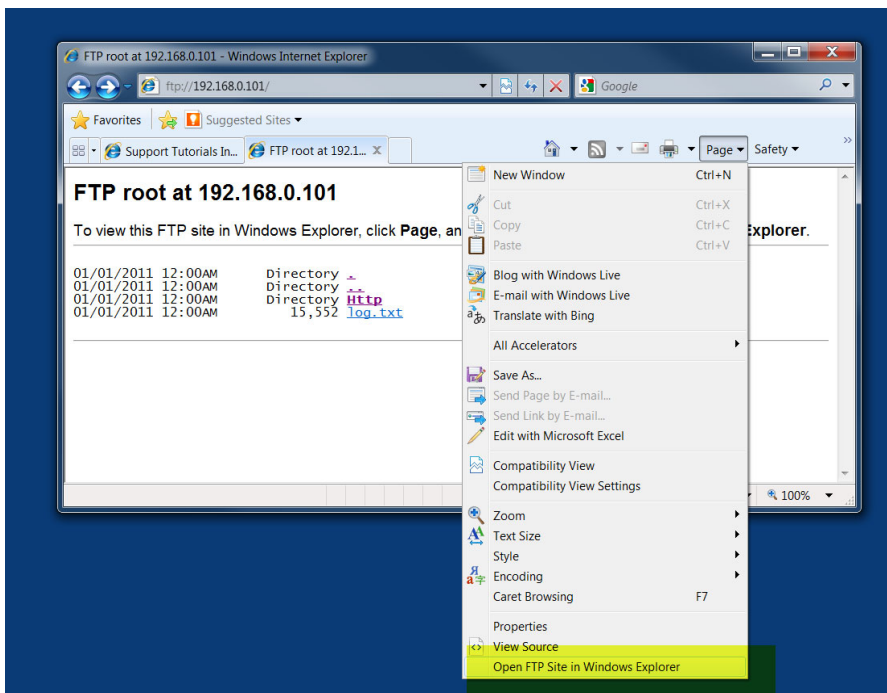
Select Browse to view empty folder

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).

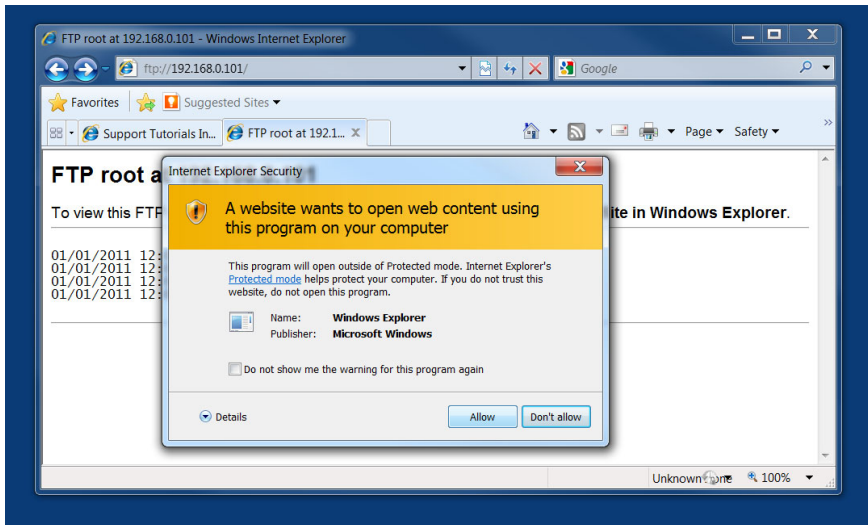
Enter the SeaSmart Adapter IP Address



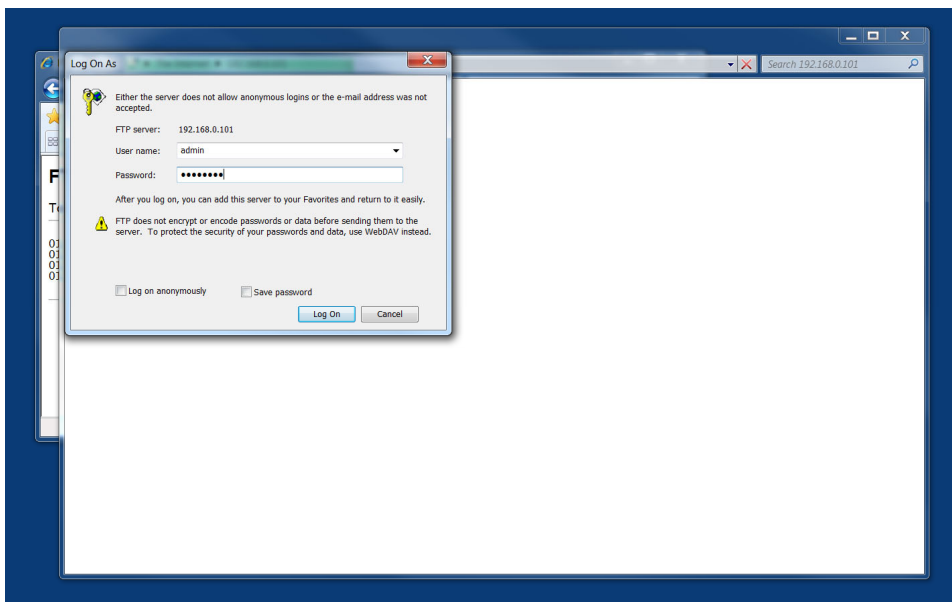
Enter ftp://[the adapter IP address]



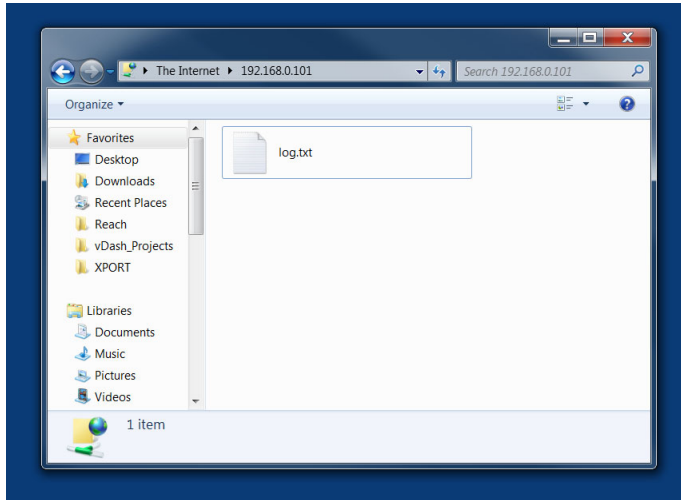
**Under PAGE – Open in Windows Explorer**



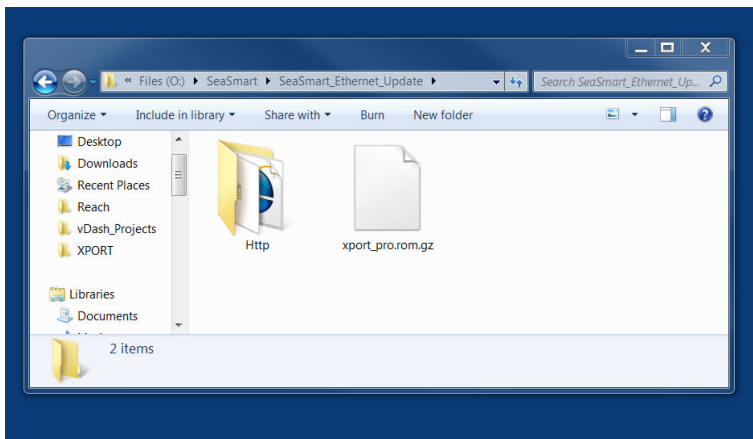
**Allow the Site to be Open in Explorer**



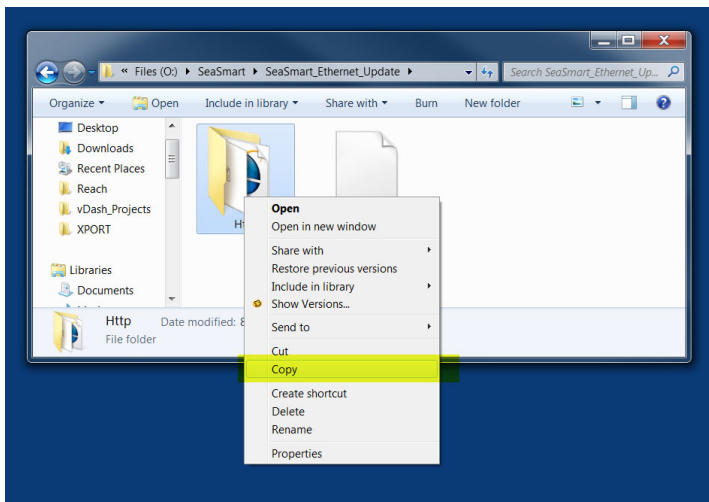
**Enter username "admin" and password "seasmart"**



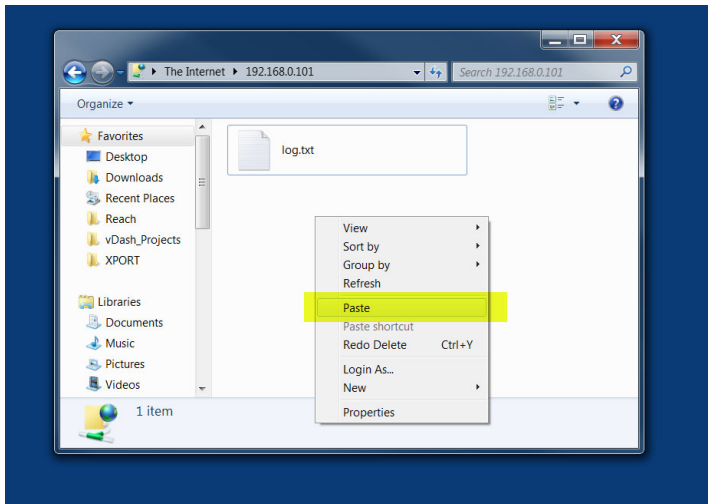
**Root Directory is empty on adapter.**



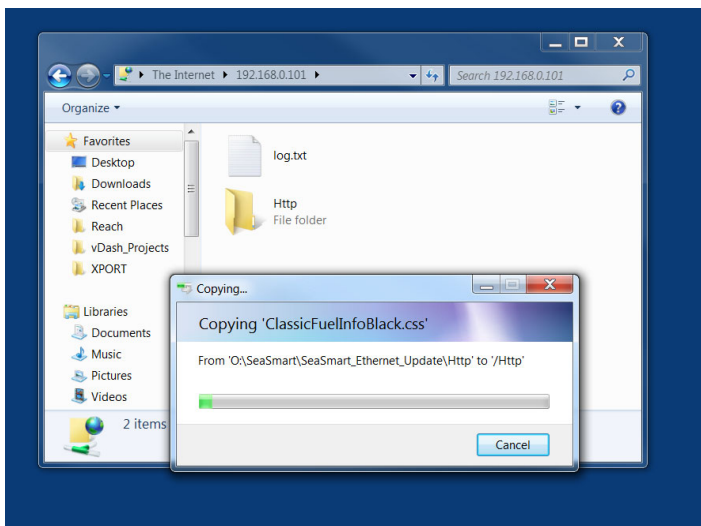
**Prepare to copy new Http directory from SeaSmart update folder**



**Right Click and select COPY from update folder**

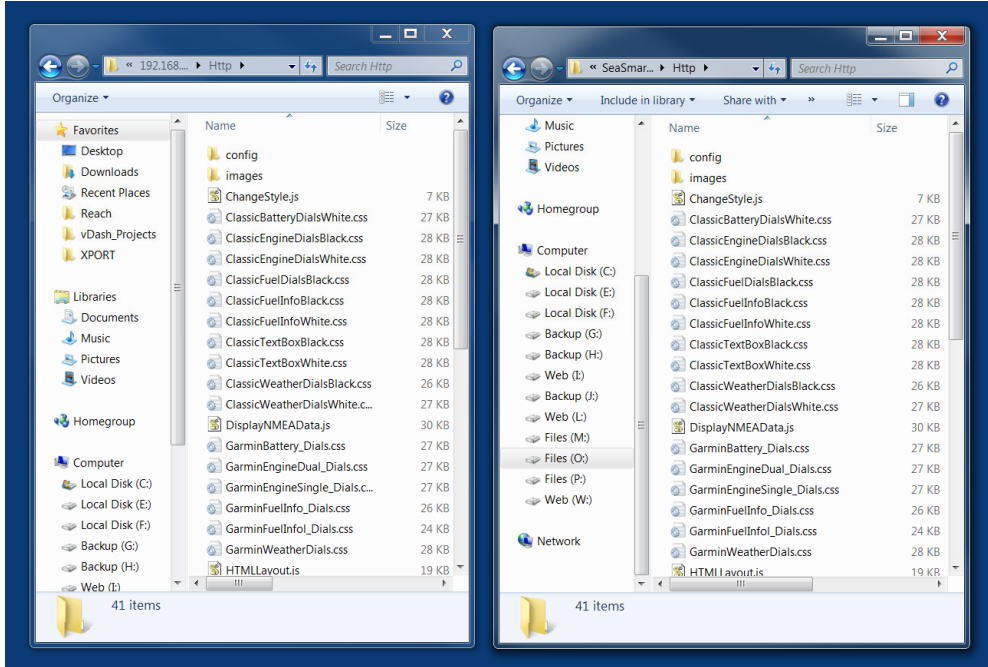


**In FTP directory – Right Click and select PASTE**



**File Copy Status**





**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 the 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)

