

ACCREDITED SOLUTION

SAILOR[®] – Core FTP



Document Name: SAILOR – Core FTP

Revision: B

Introduction: This document describes the Core FTP (File Transfer Protocol) software for Windows OS solution for transferring large files to and from a corporate server via SAILOR 250 and SAILOR 500 terminals.

Typical Users:

- ▶ Merchant vessels
- ▶ Coasters
- ▶ Large Yachts
- ▶ Navy/patrol boats
- ▶ Fishery

Product Description: FTP is commonly used to transfer data between client and server, and between server and client. It is one of the most effective TCP protocols for moving data, as it has very low overheads.

Core FTP LE is a free Windows software that includes features like SFTP (SSH), SSL, TLS, IDN, browser integration, site to site transfers, FTP transfer resume, drag and drop support, file viewing & editing, firewall support, custom commands, FTP URL parsing, command line transfers, filters etc.



This free, secure FTP client gives you a fast, easy, reliable way to update and maintain your website via FTP. It also provides a secure method (via SSL, TLS, or SFTP) to upload / download files to and from FTP servers. Check out the list of features and you'll find almost every feature you need, all in a free ftp program. There are no popup ads, advertising or spyware and you're never asked or reminded to register.

Features:

- ▶ Secure SFTP & SSL support
- ▶ Fast and secure client transfers
- ▶ HIPAA compliant security
- ▶ Mode Z compression
- ▶ User-friendly interface
- ▶ Site to Site file transfers
- ▶ FULL drag and drop support
- ▶ Start/stop/resume of transfers
- ▶ Auto retry of failed transfers
- ▶ Sessions to save FTP transfers for later resuming
- ▶ Optional reconnecting of lost connections
- ▶ Transfer bandwidth control
- ▶ Keep Alive functionality
- ▶ Remote file searching
- ▶ File permissions (CHMOD)
- ▶ One click transfers
- ▶ FTP/HTTP Proxy, Socks 4 & 5 support

Core FTP can be downloaded from <http://www.coreftp.com/>

Core FTP contact details:

Sales	mailto:sales@coreftp.com
Support	http://www.coreftp.com/support.html
Web site	http://www.coreftp.com/

Thrane & Thrane contact details:

E-mail	mailto:solutions@thrane.com
Phone	+45 3955 8800
Web site	http://www.thrane.com

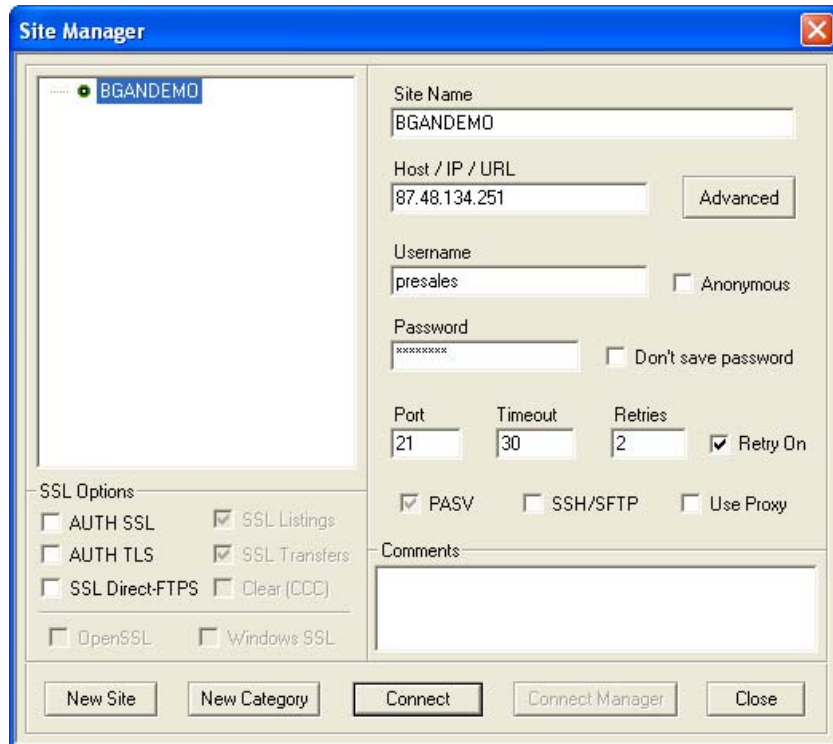
Tested on product: SAILOR 500 Software version: 1.02

Core FTP: LE (free version) Software version: 2.0, built 1522

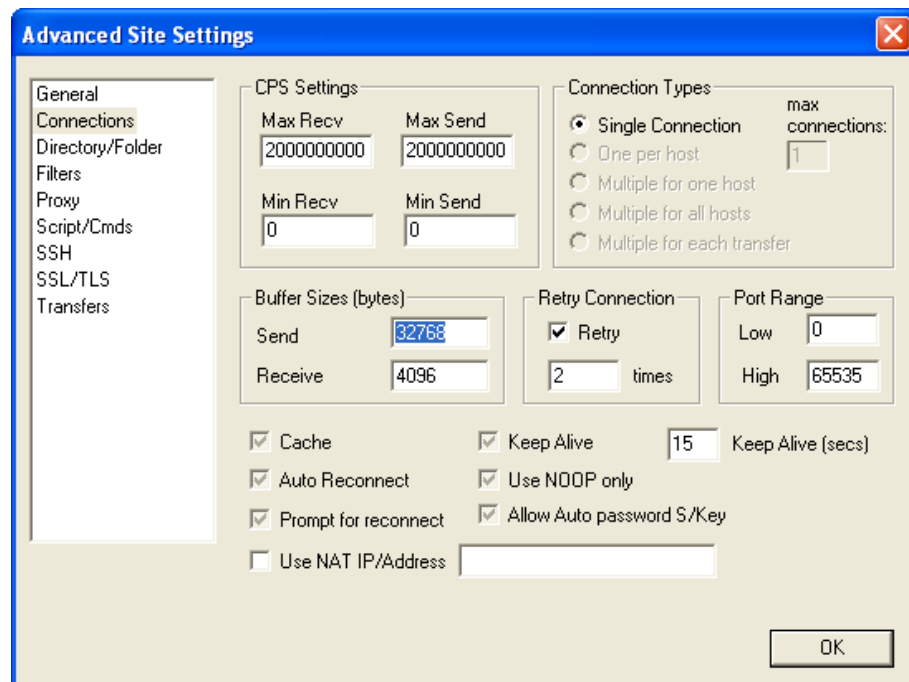
Instructions:

Install the Core FTP application on your computer.
The application can be downloaded from the following link
<http://www.coreftp.com/download/coreftplite.exe>

After installation start the Core FTP application and create a new FTP site entry as shown in below example:



Before finishing the new entry click on *Advanced* to get to the below window:



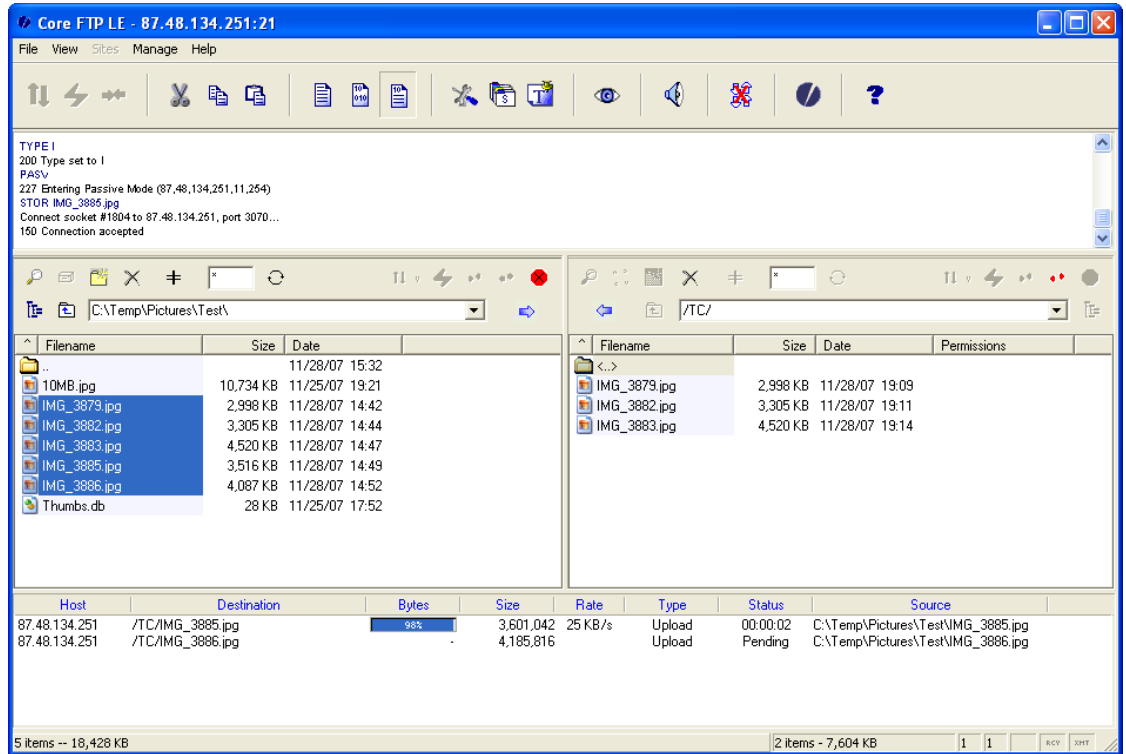
Click on Connections and enter 32768 in the Send buffer size field to optimize the application in the

upload direction when using it over a BGAN satellite connection.

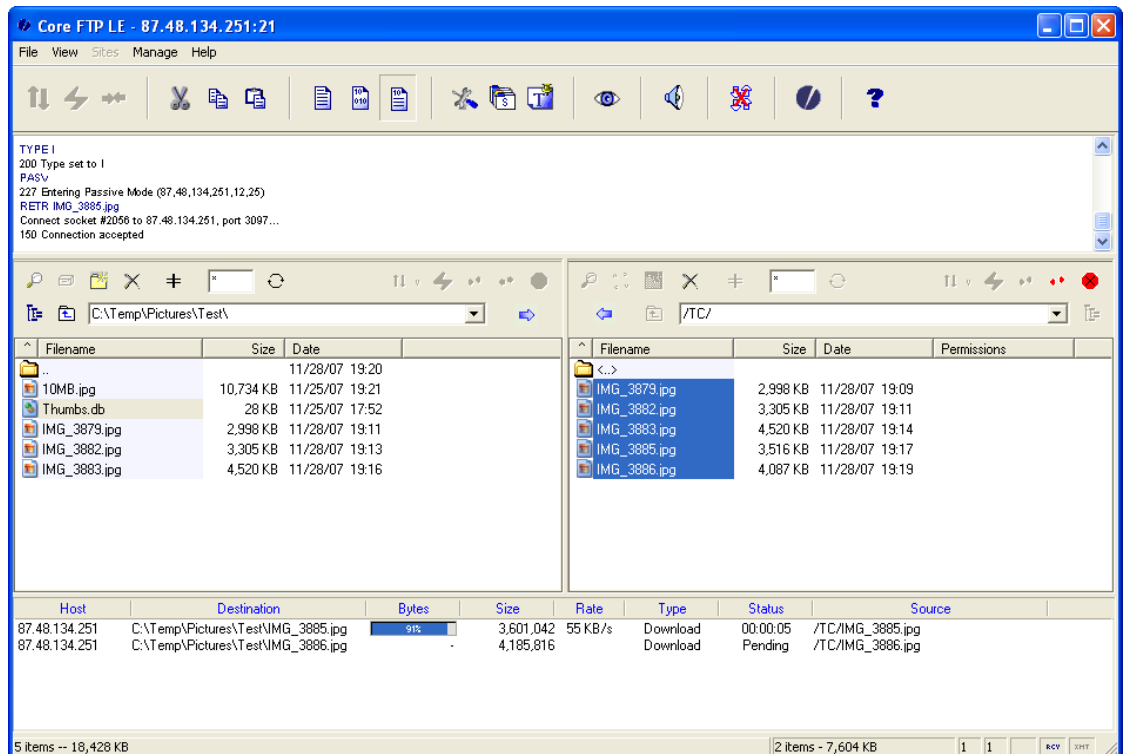
Click on the **OK** button to save the setting.

Click the **Connect** button to connect to the FTP server.

Upload files by selecting them on the local computer (left window) and then click on the right arrow.



Download files by selecting them on the FTP server (right window) and then click on the left arrow.



Note:

Modifying the buffer size in the send direction (PUT) from the default 512 to 32768 increases the upload speed with a factor of 5.
Using a compression program to compress the files before transferring them may save time and minimize cost.

The test was performed only with Sailor 500, but is expected to perform as good with a Sailor 250 just with less throughput speed due to the different specifications on download and upload speed on the two systems.

Tests:

All tests performed on a Standard Data (best effort) connection.

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