



EH-1200 & EH-1200L.v2 SW Upgrade Procedure

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Document Information

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1. Purpose

The purpose of this document is to describe Siklu's recommended SW upgrade procedure for its EtherHaul-1200 and EtherHaul-1200L.v2 radio links, loaded with SW release 2.0.0.x or above.

For SW upgrade steps of the EtherHaul-1200L product, refer to the relevant upgrade document.

EtherHaul SW download requires secure FTP server. The EtherHaul ODU's internal FTP client will access the secure external FTP server that will host the SW version file.

Any secure FTP server software available on the web can be used for SW download. This document describes the SW download procedure using Sysax Multi Server (30 days trial period available).

2. Scope

This document describes the SW upgrade steps, covering:

- Checking current SW versions
- FTP Server installation and configuration
- FTP Server account (user) creation and configuration
- Running the FTP Server
- SW upgrade using CLI

3. Checking Current SW Versions

Use the CLI to check the current SW versions of the ODU.

Two SW banks available in the ODU:

- Active version (Running status = Yes)
- Offline or Standby version (Running status = No)

Downloaded SW replaces the Offline (Standby) version.

```
ETH-1200> show sw
```

Flash Bank	Version	Running	Scheduled to run
1	2.0.0.3231 2011-07-18 15:58:13	yes	no
2	2.0.0.1865 2011-05-20 14:59:57	no	no

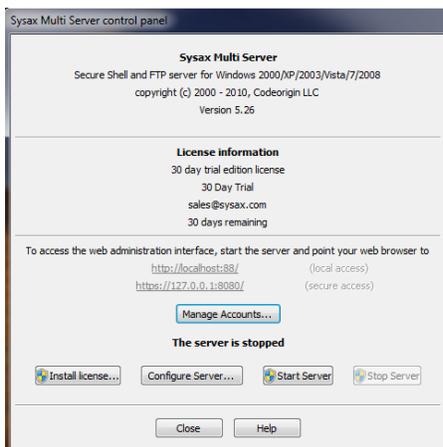

 Release sub Build

4. Sysax Multi Server Installation and Setup

1. Download Sysax Multi Server from <http://www.sysax.com/download.htm>.

Before the download starts you will be asked for your name and email details but you can also select “No, just let me download Sysax Multi Server”.

2. Run setup and use default configuration (select “Next”, “Accept” and “Install” when prompted). Select “Finish” when installation is completed.
3. Launch the “Sysax Multi Server Administrator” application. The “Sysax Multi Server Control Panel” is displayed.

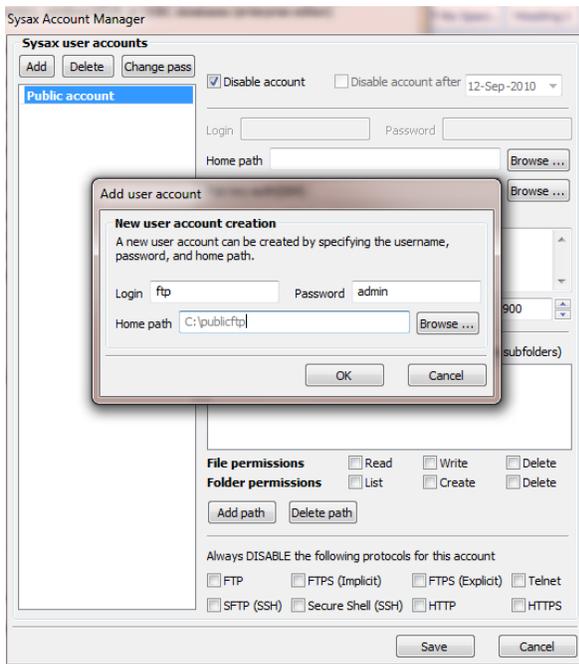


4. Select “Manage Accounts” to create and configure FTP account.
5. Use default configuration (select “Next” on each screen) until the “Multi Server Account Setup” screen.
6. In the “Multi Server Account Setup” screen select “Configure Accounts”.



7. In the “Sysax Account Manager” select “Add” to add a new user account. In the “New User Account Creation” enter:
Login: ftp
Password: admin
8. Homepath: C:\publicftp (create new folder, or select different home directory where the SW version files will be stored)

9. "OK" and then "Save".
10. Continue the installation process with default configuration (select "Next" when prompted).
Select "Finish" when setup is completed.



5. Running the Sysax FTP Server

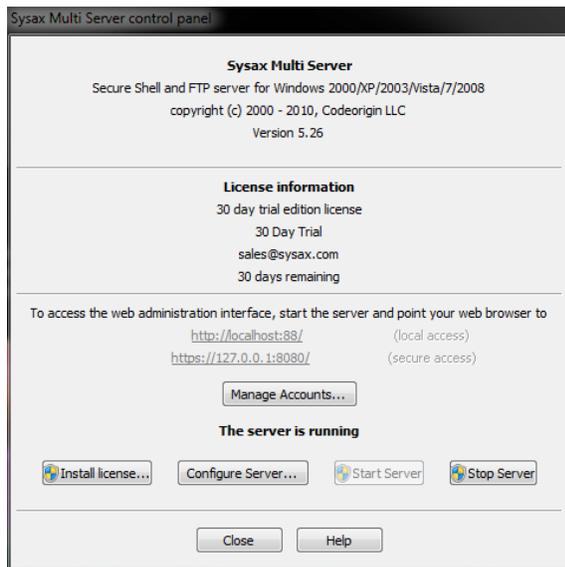
1. Store the SW version files under C:/publicftp.

You will receive the SW version file from Siklu.

The SW version files should be stored in the home path directory of the FTP server.

2. Launch the “Sysax Multi Server Administrator” application. The “Sysax Multi Server Control Panel” is displayed.

3. Select “Start Server” and verify server is running.



6. SW Download using Sysax FTP Server

Once the FTP server is configured and running, use Siklu's CLI or Web-GUI to configure the SW download to the ODU.

This document details the procedure using CLI. Refer to the user manual for SW download using the Web-GUI.

1. Connect to the ODU using ssh client. You can use a common, open source SSH client programs such as PuTTY (can be downloaded from <http://www.putty.org/>).

- Login as user **admin**.
- Enter the password **admin**.

2. Use CLI to download and accept sw to the ODU using the *copy sw* command:

```
copy sw ftp://<username>:<password>@<Server IP Address>/<sw image name>
```

for example:

```
ETH-1200> copy sw ftp://ftp:admin@192.168.0.200/siklu-uimage-20-4465  
Done  
.....  
finished
```

3. To activate the new downloaded sw (with 10 minutes timeout to accept it):

```
ETH-1200> run sw immediate 600  
Done  
.....  
finished
```

The ODU will reboot and come up with the new downloaded sw.

4. Reconnect using CLI and make sure the link is up.
5. After you verify the new SW version is running as expected make sure to accept the new SW before the timeout expires:

```
ETH-1200> accept sw
```