

	TITRE ET SUJET	REFERENCE	DATE	VERSION
	<i>I3C Centre - Operator Mode</i>	<i>Overland NEO S_Drive FW Update_EN.pdf</i>	<i>22 th of November 2013</i>	<i>1</i>

BULL INFRASTRUCTURE SERVICES & SUPPORT



NEO S Overland Libraries Drive Firmware Update using HTTP

Contents

1. Note et Pré-requis.....	2
2. Connection en HTTP sur la librairie et vérification du type de lecteur.....	2
3. Récupération du nouveau firmware pour les lecteurs de la librairie.....	4
4. Mise en place du nouveau firmware des lecteurs.....	6

	TITRE ET SUJET	REFERENCE	DATE	VERSION
	I3C Centre - Operator Mode	Overland NEO S_Drive FW Update_EN.pdf	22 th of November 2013	1

1. Note and Prerequisite

Note:

Previously firmware updating, make you sure through customer's point of view that any process or storage services have been stopped.

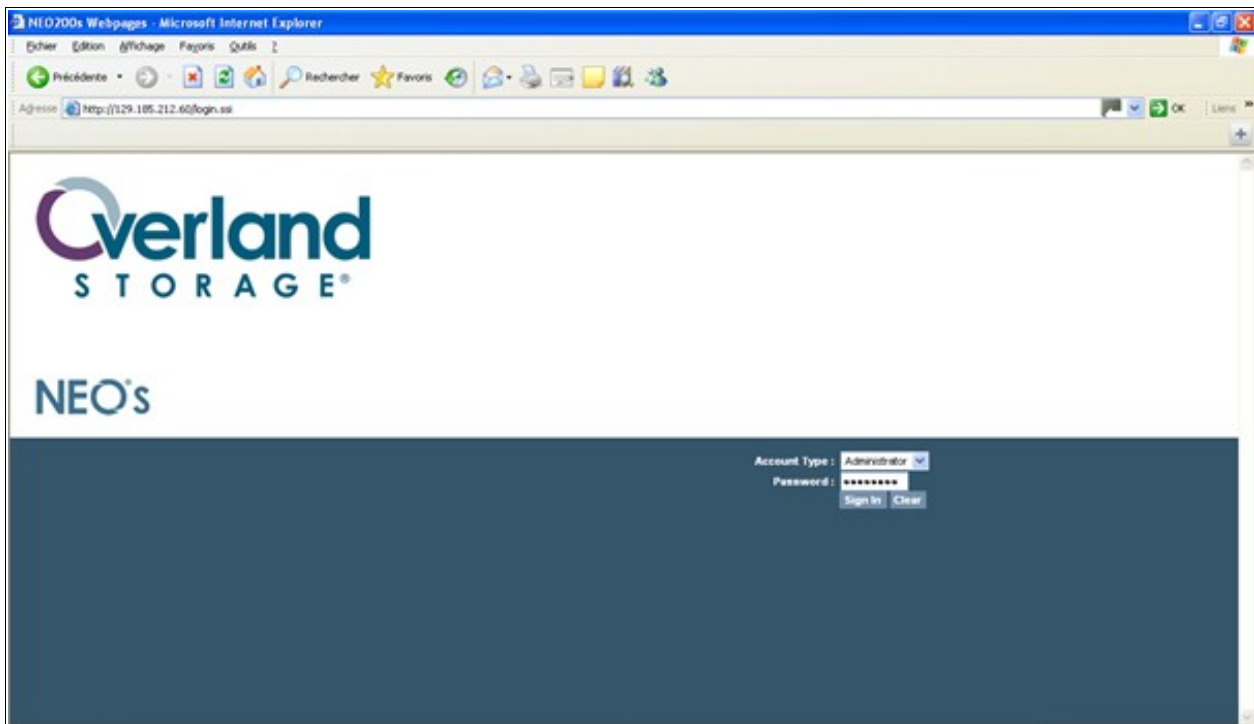
Prerequisite:

One workstation running with Windows Operating System (95 / 98 / SE / ME / NT4 / 2000 / XP...) including IP modules and one Ethernet connection.

NEO S library must be provided with one Ethernet connection too.

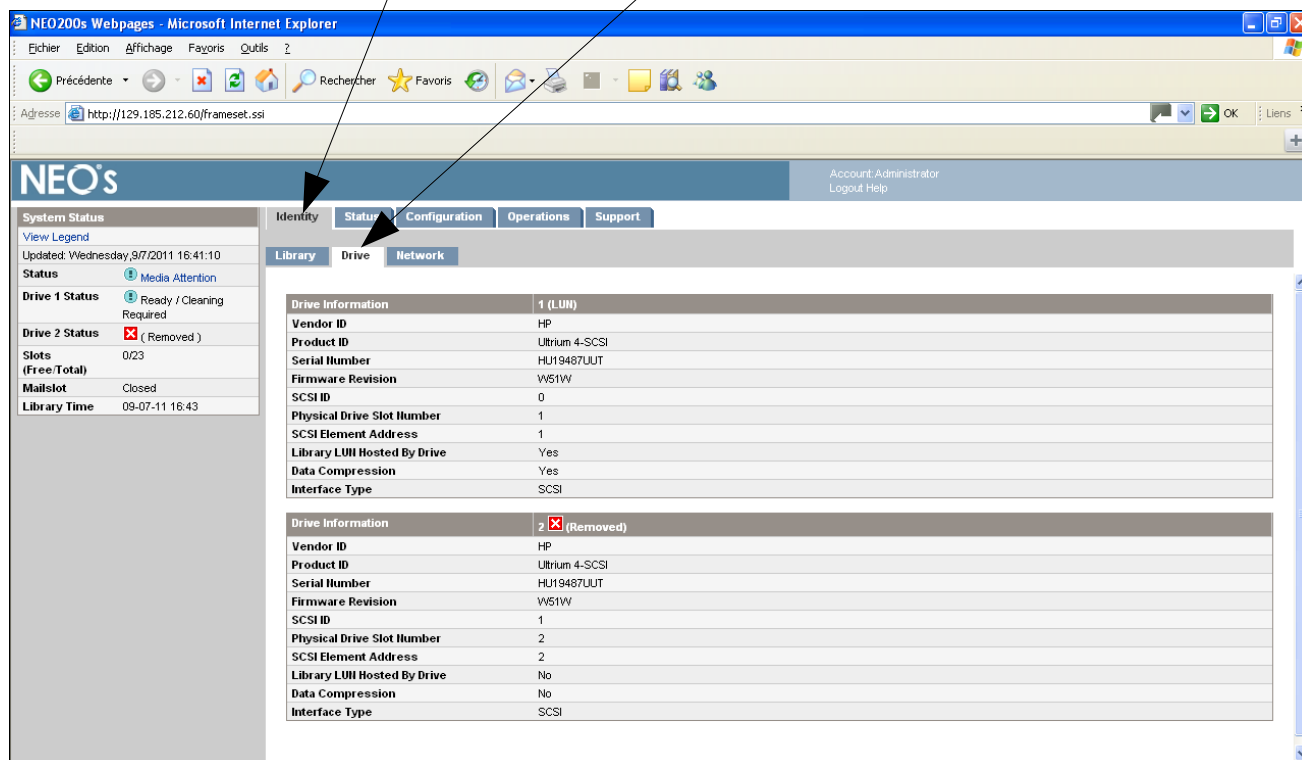
2. HTTP connection onto library and drive model checking

Make an http connection with IP@ of the robotic (default password is 00000000).



	TITRE ET SUJET	REFERENCE	DATE	VERSION
	I3C Centre - Operator Mode	Overland NEO S_Drive FW Update_EN.pdf	22 th of November 2013	1

Select 'Identity' tab and 'Drive' tab to pick out the drive's model.



System Status
View Legend
Updated: Wednesday, 9/7/2011 16:41:10
Status: Media Attention
Drive 1 Status: Ready / Cleaning Required
Drive 2 Status: (Removed)
Slots: 0/23
(Free/Total)
Mailslot: Closed
Library Time: 09-07-11 16:43

Drive Information		1 (LUN)
Vendor ID		HP
Product ID		Ultrium 4-SCSI
Serial Number		HU19487UUT
Firmware Revision		W51W
SCSI ID		0
Physical Drive Slot Number		1
SCSI Element Address		1
Library LUN Hosted By Drive		Yes
Data Compression		Yes
Interface Type		SCSI

Drive Information		2 (Removed)
Vendor ID		HP
Product ID		Ultrium 4-SCSI
Serial Number		HU19487UUT
Firmware Revision		W51W
SCSI ID		1
Physical Drive Slot Number		2
SCSI Element Address		2
Library LUN Hosted By Drive		No
Data Compression		No
Interface Type		SCSI

In the exemple above, the featres of are

Vendor ID : HP
Product ID : Ultrium 4-SCSI
Firmware Revision : W51W

To get the suitable drive's firmware for this model, make an http connection on Overland site (see next chapter) and find out one directory named: HP_LT04_Drive.

	TITRE ET SUJET	REFERENCE	DATE	VERSION
	I3C Centre - Operator Mode	Overland NEO S_Drive FW Update_EN.pdf	22 th of November 2013	1

3. Collecting the new firmware for drives

To collect the new firmware make a connection onto:

http://ftp.overlandstorage.com/Firmware/Tape_Drives/

Hereunder the list for drive models (seen on November 2013):

ftp.overlandstorage.com - /Firmware/Tape_Drives/				
[To Parent Directory]				
Thursday, May 06, 2010	8:52 AM	<dir>	HP LTO1 Drive	
Sunday, September 06, 2009	8:52 AM	<dir>	HP LTO2 Drive	
Wednesday, October 06, 2010	2:01 PM	<dir>	HP LTO3 Drive	
Thursday, January 06, 2011	7:39 AM	<dir>	HP LTO4 Drive	
Thursday, January 06, 2011	7:39 AM	<dir>	HP LTO5 Drive	
Sunday, September 06, 2009	8:52 AM	<dir>	IBM LTO	
Thursday, July 11, 2013	4:08 PM	<dir>	IBM LTO4 Drive	
Tuesday, June 18, 2013	11:19 AM	<dir>	IBM LTO5 Drive	
Wednesday, April 24, 2013	10:22 AM	<dir>	IBM LTO6 Drive	
Sunday, September 06, 2009	8:52 AM	<dir>	SDLT DLT Drive	

Select the firmware depending on drive model: LTO1/LTO2/LTO3 or LTO4

Hereunder the next window if you select the LTO4 model from the list, ie URL:

http://ftp.overlandstorage.com/Firmware/Tape_Drives/HP_LTO4_Drive/

ftp.overlandstorage.com - /Firmware/Tape_Drives/HP_LTO4_Drive/				
[To Parent Directory]				
Thursday, March 01, 2012	2:27 PM	<dir>	Fibre	
Thursday, March 01, 2012	2:30 PM	<dir>	SAS Full Height	
Thursday, March 03, 2011	3:35 PM	<dir>	SAS Half Height	
Thursday, March 01, 2012	2:29 PM	<dir>	SCSI Full Height	
Thursday, March 03, 2011	3:35 PM	<dir>	SCSI Half Height	

	TITRE ET SUJET	REFERENCE	DATE	VERSION
	I3C Centre - Operator Mode	Overland NEO S_Drive FW Update_EN.pdf	22 th of November 2013	1

Next step is to consider the type of the drive model commonly used:

Fibre => Fiber drive
 SCSI_Full_Height => Full height drive
 SCSI_Half_Height => Half height drive

Hereunder the next window if you select the model LT04 SCSI half height from the list, ie URL:

http://ftp.overlandstorage.com/Firmware/Tape_Drives/HP_LTO4_Drive/SCSI_Half_Height/

ftp.overlandstorage.com - /Firmware/Tape_Drives/HP_LTO4_Drive/SCSI_Half_Height/				
[To Parent Directory]				
Friday, March 04, 2011	3:06 PM	<dir>	NEO_S	
Thursday, January 06, 2011	6:39 AM	1387156	W22H.E	
Thursday, January 06, 2011	6:39 AM	1388244	w22h.frm	
Thursday, January 06, 2011	6:39 AM	1394644	W23H.E	
Thursday, January 06, 2011	6:39 AM	1395732	w23h.frm	
Thursday, January 06, 2011	6:39 AM	1401664	W51H.E	
Thursday, January 06, 2011	6:39 AM	1402752	W51H.FRM	
Thursday, March 03, 2011	3:35 PM	1412896	W53H.E	
Thursday, March 03, 2011	3:35 PM	1413984	W53H.FRM	

Because the drive in our exemple is from one NEO S Overland library, directory named 'NEO_S' is to be selected.

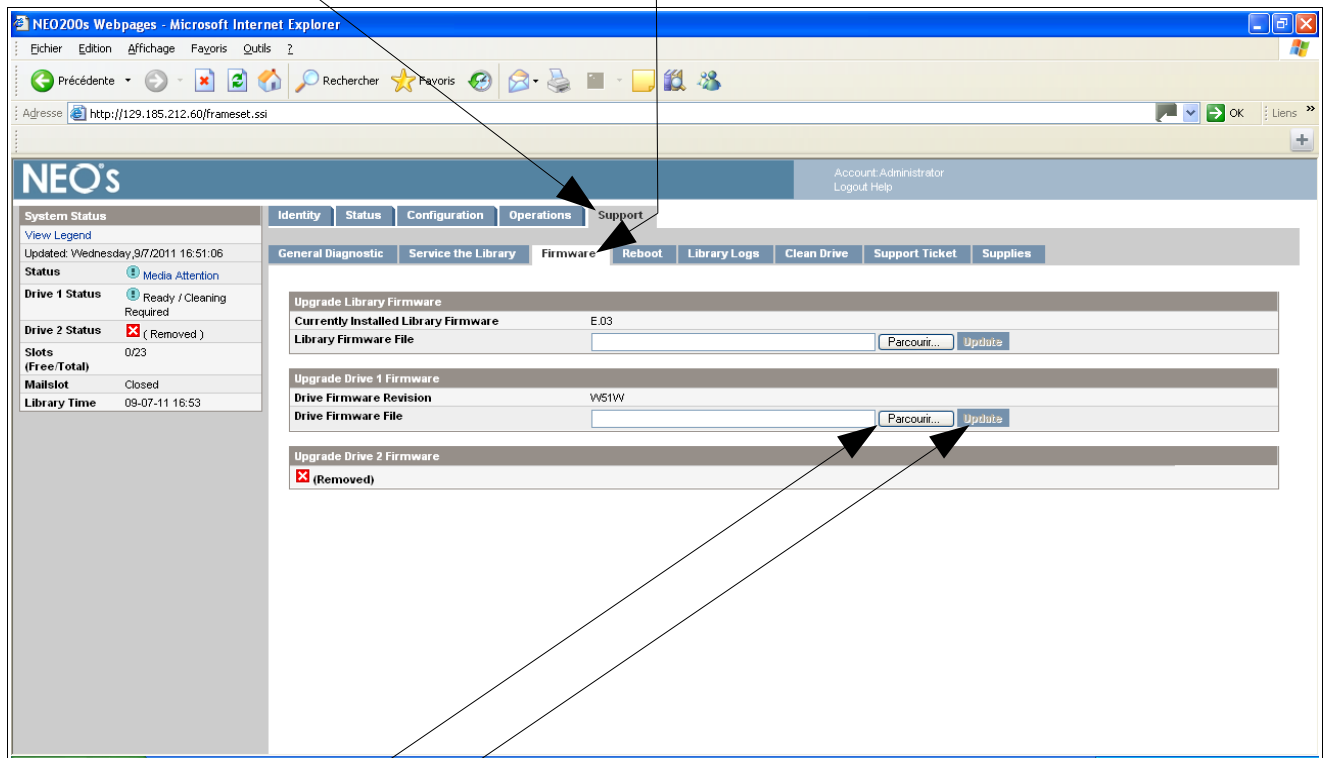
ftp.overlandstorage.com - /Firmware/Tape_Drives/HP_LTO4_Drive/SCSI_Half_Height/NEO_S/				
[To Parent Directory]				
Thursday, January 06, 2011	6:39 AM	1408684	W51W.E	
Thursday, January 06, 2011	6:39 AM	1409772	W51W.FRM	
Friday, March 04, 2011	3:06 PM	1419916	W55W.E	
Friday, March 04, 2011	3:06 PM	1421004	W55W.FRM	←

WARNING: firmware to download for drive updating must have 'E' extension.
 In our exemple, last firmware to collect should be: W55W.E
 Download firmware onto PC directory.

	TITRE ET SUJET	REFERENCE	DATE	VERSION
	I3C Centre - Operator Mode	Overland NEO S_Drive FW Update_EN.pdf	22 th of November 2013	1

4. New firmware installation onto tape drive

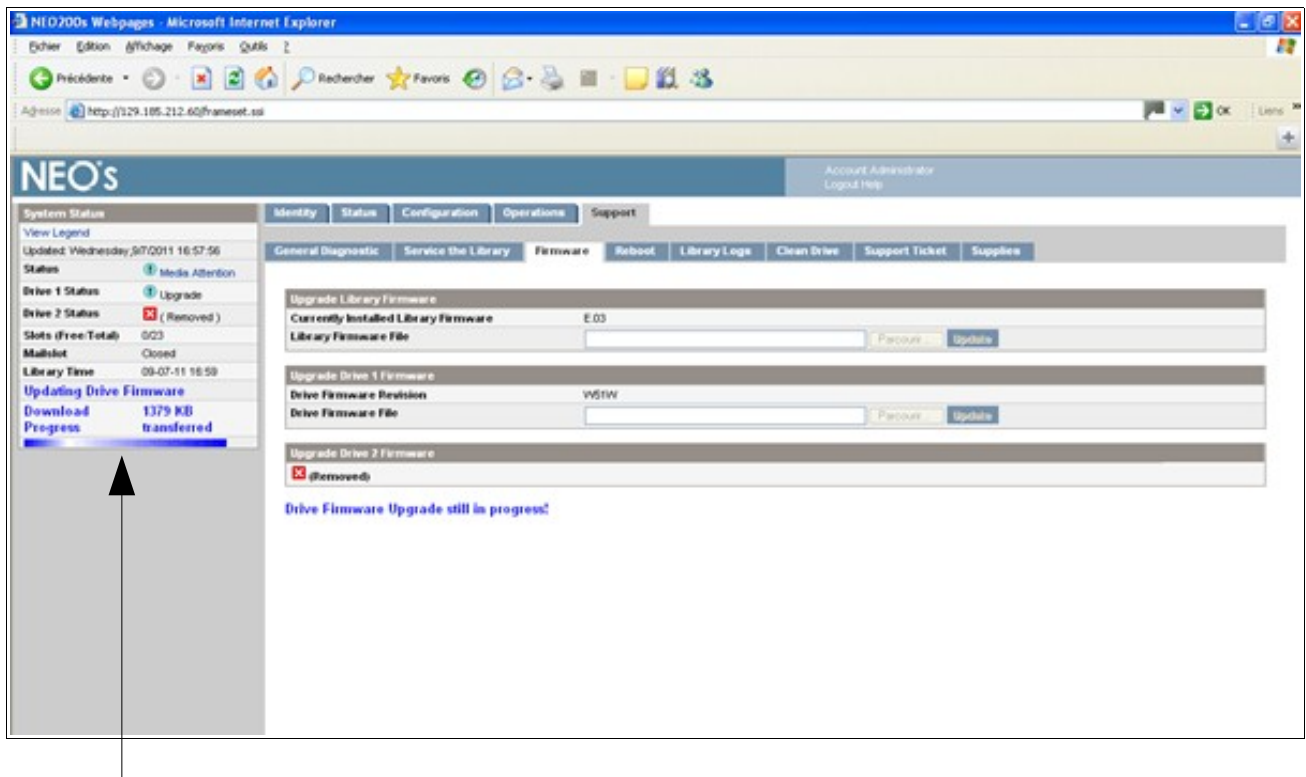
Click onto 'Support' tab, then onto 'Firmware' tab



Click onto 'Browse' (or 'Parcourir' in french) and select the location of the new firmware.
Click onto 'Update': "Are you sure" => OK

	TITRE ET SUJET	REFERENCE	DATE	VERSION
	I3C Centre - Operator Mode	Overland NEO S_Drive FW Update_EN.pdf	22 th of November 2013	1

The next window is displayed.



On the left side section, the loading in progress for the new firmware.

When the drive firmware upgrade is finished, the next window is displayed.

