

Date: May 6, 2015

To: Global Distribution

Remote Firmware Upgrade Process and PowerSeries Neo Version 1.12 Firmware File Release

DSC would like to announce the release of PowerSeries Neo version 1.12 firmware upgrade file. This optional firmware file can be used to upgrade older versions of PowerSeries Neo panels, keypads, and transceivers.

The firmware upgrade can be done locally via DLS flash utility or remotely using DLS 5 (v1.4 or higher).

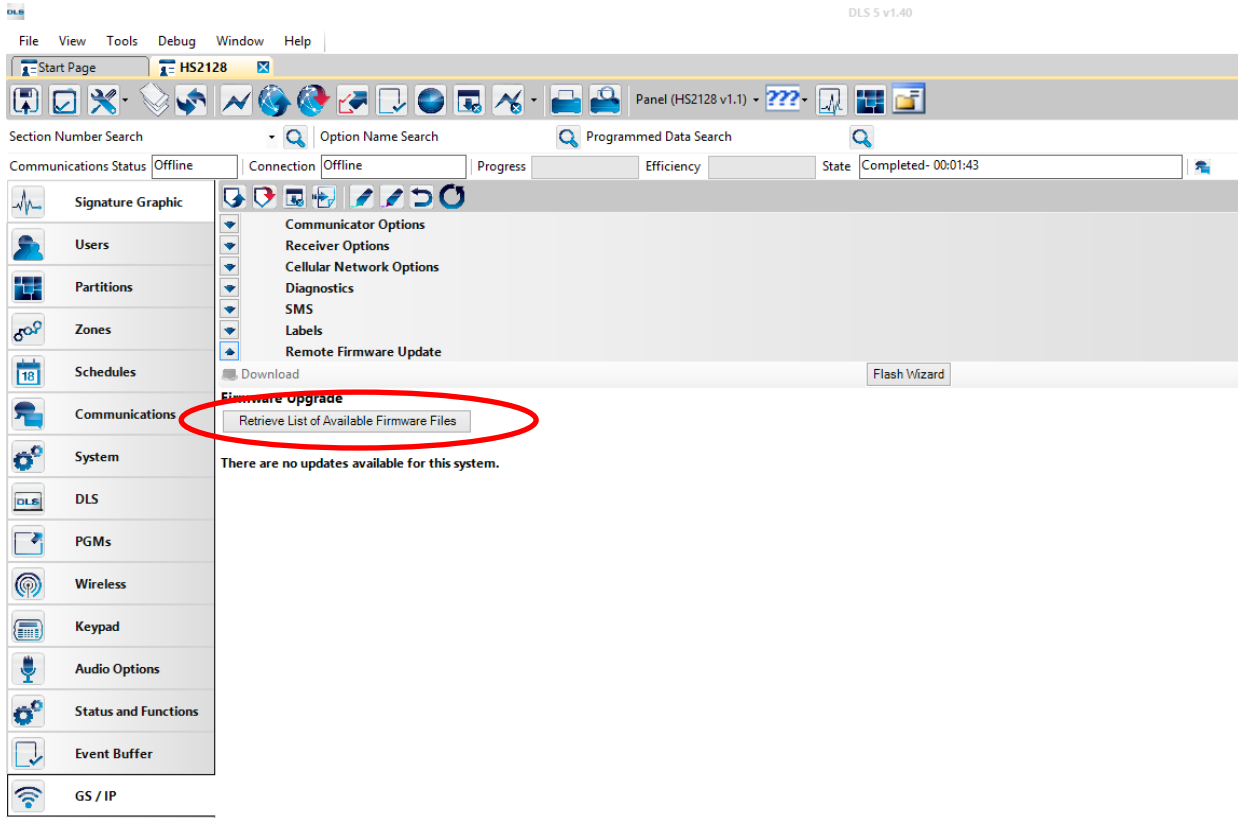
Remote firmware upgrade

In order to do a remote firmware upgrade, the PowerSeries Neo panel in the field would need to be connected to an integrated Cellular/Ethernet communicator.

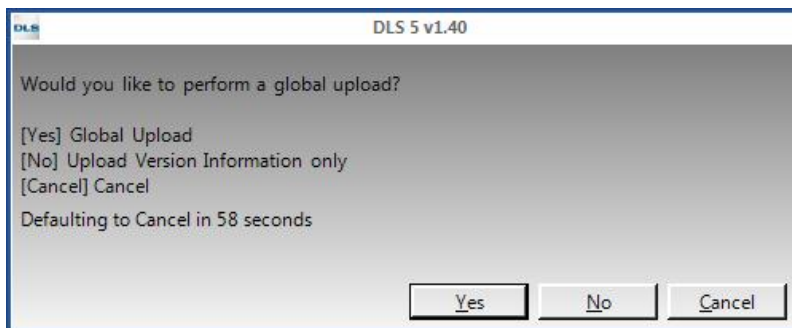
Please follow the steps below to perform an upgrade:

1. Open DLS 5
2. Open the account for the PowerSeries Neo v1.0 panel to be upgraded
3. Go to "GS/IP" option group → Firmware Upgrade → Click on 'Retrieve List of Available Firmware Files'

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4. A global upload may be needed to identify the panel version. If the account already has the correct panel version, this step can be skipped by selecting 'No'.



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- If there are files available they will be displayed on the screen. Otherwise, a message will be displayed to indicate that no updates are available for this system.

Required Firmware File(s)

Device	File	State	Progress	Description	Current Version	Target Version
HSQLCD #1	0/1		Pending	File Download Not Start	1.10.01.051	1.11.01.001
HS2ICN #2	0/1		Pending	File Download Not Start	1.10.01.051	1.11.01.001
HSM2HOST	0/1		Pending	File Download Not Start	1.10.01.021	1.10.01.065
HS2128 v1.1	0/1		Pending	File Download Not Start	1.10.01.047	1.11.01.002

Allow Firmware Update Over Cellular?

I have read and agreed to remote firmware upgrade terms and conditions.

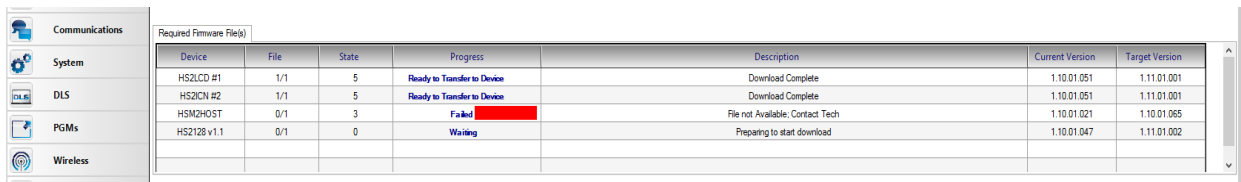
- The “Download” and “Abort” button will be grayed out until the terms and conditions are accepted by clicking on the check box at the bottom of the page.
- If you wish to do the upgrade over the cellular network, please check the ‘Allow Firmware Update Over Cellular’.
- Click ‘Download’ to initiate the upgrade or ‘Abort’ to cancel the upgrade. The progress of the file download will be displayed.

Required Firmware File(s)

Device	File	State	Progress	Description	Current Version	Target Version
HS2ICN #2	1/1	AB	Completed	File Transfer Success	1.10.01.051	1.11.01.001
HSQLCD #1	1/1	AB	Completed	File Transfer Success	1.10.01.051	1.11.01.001
HS2128 v1.1	1/1	AB	Completed	File Transfer Success	1.10.01.047	1.11.01.002
TL2803G v4.0	0/1	2	Downloading	Downloading in Progress	4.00.04.059	4.10.04.022

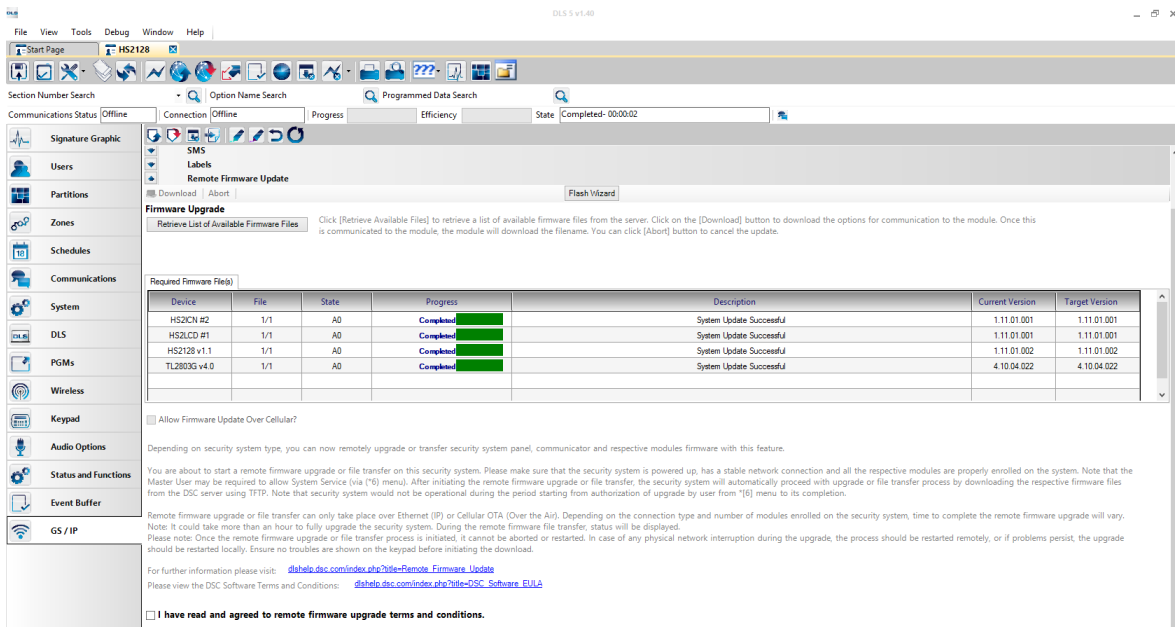
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9. If an error occurs during the file transfer, an error message will be displayed. Checking the terms and conditions acknowledgement box will enable the “Download” button again.



Device	File	State	Progress	Description	Current Version	Target Version
HS2LCD #1	1/1	5	Ready to Transfer to Device	Download Complete	1.10.01.051	1.11.01.001
HS2ICN #2	1/1	5	Ready to Transfer to Device	Download Complete	1.10.01.051	1.11.01.001
HSM2HST	0/1	3	Failed	File not Available; Contact Tech	1.10.01.021	1.10.01.065
HS2128 v1.1	0/1	0	Waiting	Preparing to start download	1.10.01.047	1.11.01.002

10. The firmware upgrade progress will be display in real time for panels and modules. The following screen will be displayed once the upgrade is completed.



The screenshot shows the 'Firmware Upgrade' screen with the following table of completed upgrades:

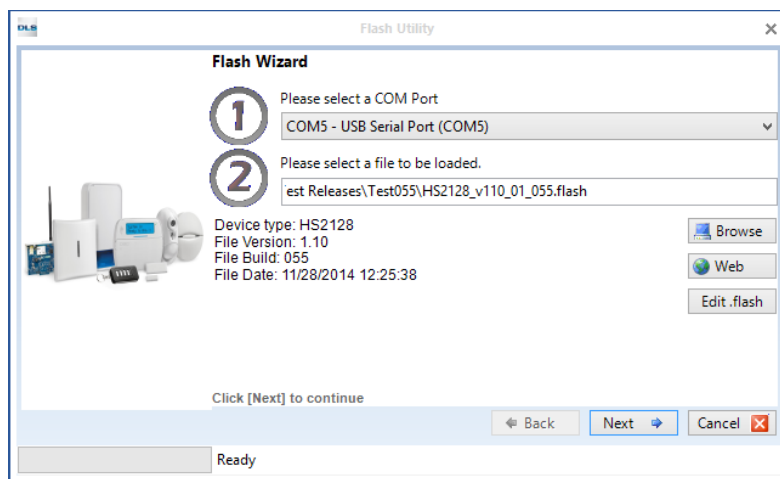
Device	File	State	Progress	Description	Current Version	Target Version
HS2ICN #2	1/1	A0	Completed	System Update Successful	1.11.01.001	1.11.01.001
HS2LCD #1	1/1	A0	Completed	System Update Successful	1.11.01.001	1.11.01.001
HS2128 v1.1	1/1	A0	Completed	System Update Successful	1.11.01.002	1.11.01.002
TL2803G v4.0	1/1	A0	Completed	System Update Successful	4.10.04.022	4.10.04.022

Below the table, there is a checkbox for 'Allow Firmware Update Over Cellular?' which is currently unchecked. There is also a 'Flash Wizard' button and a 'Download' button. At the bottom, there is a checkbox for 'I have read and agreed to remote firmware upgrade terms and conditions.' which is also unchecked.

Local firmware upgrade

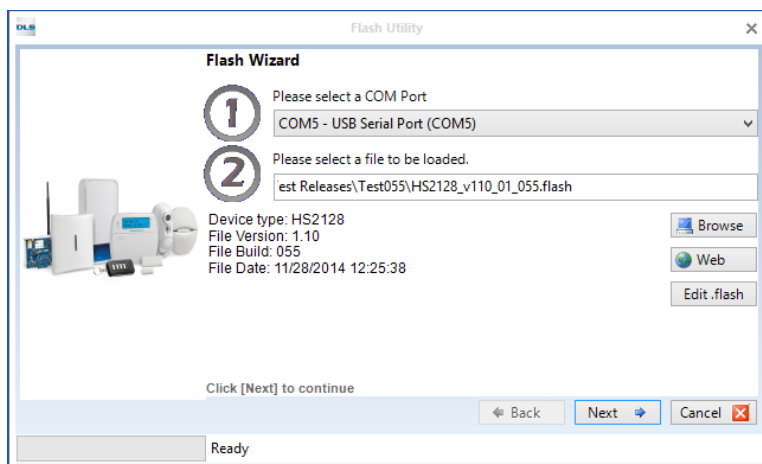
1. Open the Flash Utility and click on the 'Web' button. The available upgrade files will be displayed; please select the desired file (i.e. PowerSeries Neo v1.12) and save it to the computer hard-drive.*

* The computer needs to be connected to the Internet in order to complete step 1.



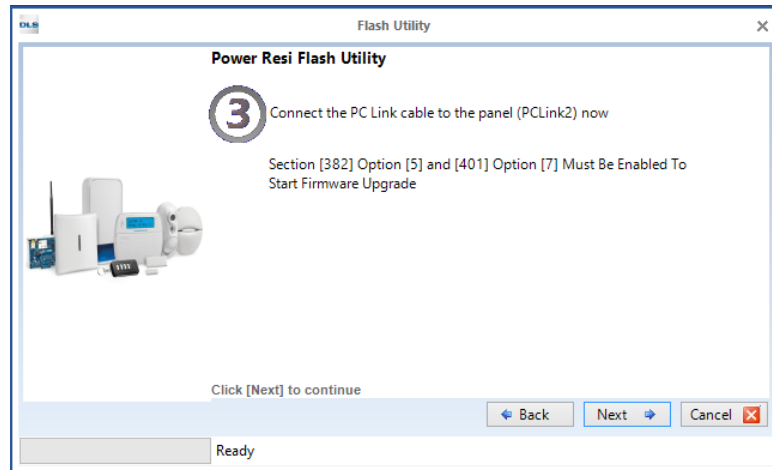
The following steps don't require the computer to be online:

2. Open the Flash Utility and click on 'Browse'. Select the desired upgrade file and the panel/device information will be displayed.

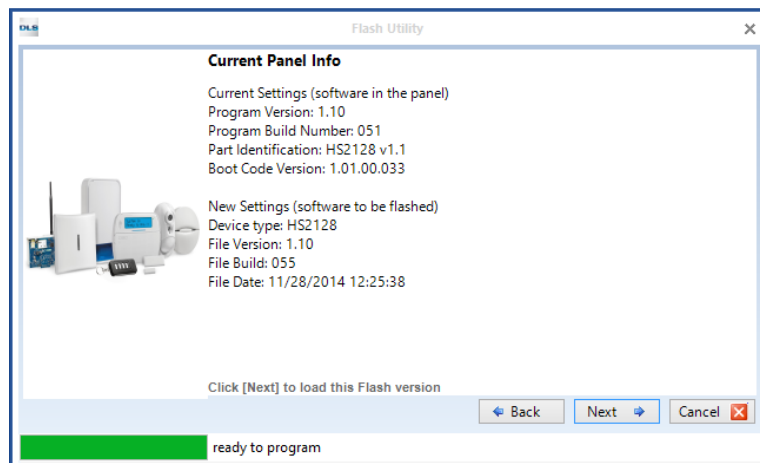


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3. Click on 'Next'. You will be prompted to connect the computer to the panel using a PC-LINK connector.



4. Click on 'Next'. The current panel settings and the new panel settings to will be displayed before the upgrade process begins. The progress bar at the bottom of the window will display 'Ready to program'.



5. Click 'Next' to flash-upgrade the panel with the new panel setting. The progress bar at the bottom of the window will display the status of the flash upgrade.