

Imagestore 750 V4.8 Release Notes

2013-4-23

Software Upgrade via Imagestore 750 Web Page

Overview

- This is the preferred mechanism for upgrading software
- It requires Imagestore 750 software version 2.x or later to be running
- The software upgrade CPIO file is called: **is750-4.8-xxx.cpio**

Procedure

- Open a web browser and type in the IP address of the Imagestore 750
 - Log into the Imagestore 750 web page using the password "miranda"
 - Select the "Software Upgrade" link in the left-hand menu
 - Select the "Browse" button in the Software Upgrade section, and then select the CPIO file
 - Check the "Are you sure?" checkbox and then select the "Software Upgrade" button
 - Monitor progress on the Imagestore 750 front panel. This will run through several parts ending with the message "DONE!"
 - After the software upgrade is complete, the Imagestore 750 will automatically power cycle and restart running the new software
 - **WARNING:** Do not power off the device during an upgrade since doing so may render the unit inoperable. Upgrades can take up to 15 minutes depending on hardware options
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Software Upgrade via Bootable USB Key

Overview

- This mechanism should be used for upgrading Imagestore 750 running software earlier than version 2.x
- This mechanism may also be used for recovery should the Imagestore 750 fail to start up or the web page fail to open
- The software upgrade CPIO file is called: **is750-4.8-xxx.cpio**
- The ZIP file for creating a bootable USB key is called: **is750-update-v44-008.zip**

Procedure: Format USB key

- The USB key must contain a partition table and primary partition greater than 2MB. If this is already the case then move to the next section; otherwise format the USB key as follows...
- Insert the USB key into a PC running Windows XP
- Open the Control Panel and select: Administrative Tools > Computer Management > Disk Management
- **NOTE:** Do not right-click anywhere within the Disk Management window since this will cause the Delete icon to disappear.
- Left-click on the USB volume (top right panel) and then left-click on the "Delete" icon in the toolbar
- When prompted, confirm that the USB partition should be deleted

- Left-click on the unallocated USB volume (bottom right panel), and from the menu select: Action > All Tasks > New Partition...
- Accept all defaults in the New Partition Wizard to create a new primary partition on the USB key

Procedure: Create Bootable USB Key from Update ZIP File

- Insert the USB key into the Imagestore 750
- Open a web browser and type in the IP address of the Imagestore 750
- Log into the Imagestore 750 web page using the password "miranda"
- Select the "Software Upgrade" link in the left-hand menu
- Select the "Browse" button in the Create Bootable USB Key section, and then select the ZIP file
- Check the "Media Inserted?" checkbox and then select the "Create" button
- Monitor progress on the Imagestore 750 front panel until it shows "DONE! Press Any Key"
- The Imagestore 750 now will boot off the USB key when it is restarted

Procedure: Software Upgrade via a Bootable USB key

- The bootable USB key contains an HTTP server which is used for upgrading the Imagestore 750 software
 - Insert the bootable USB key and then restart the Imagestore 750
 - Wait for the front panel to display the message "Goto HTTP Server xxx.xxx.xxx.xxx"
 - Remove the bootable USB key from the Imagestore 750
 - Open a web browser and type in the IP address of the Imagestore 750. **NOTE:** It may be necessary to clear the browser cache
 - Select the "Browse" button, and then select the CPIO file
 - Check the "Are you sure?" checkbox and then select the "Software Upgrade" button
 - Monitor progress on the Imagestore 750 front panel. This will run through several parts ending with the message "DONE!"
 - After the software upgrade is complete, the Imagestore 750 will automatically power cycle and restart running the new software
 - **WARNING:** Do not power off the device during an upgrade since doing so may render the unit inoperable. Upgrades can take up to 15 minutes depending on hardware options
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Software Release Notes

Upgrade Notes

- Imagestore 750 v3.1.x and above includes support for SNMP traps covering a range of different system states. The red LED on the front of the unit indicates an overall unit alarm severity - (from the list below). If the LED is lit after a software upgrade then one or more individual alarm conditions will have been met - (the file '/var/log/alarms' lists these). The cause of the individual alarms should then either be corrected, or the individual alarm levels demoted to "Normal" via the front panel Config Alarms menu (provided they are considered acceptable).
 - Normal - Off
 - Minor - On
 - Major - Slow Blink
 - Critical - Fast Blink
- For systems that use DVE sequences, the configuration settings have been changed in v3.1.2 and above. After upgrading from v3.1 (or earlier) please check the following settings to ensure correct functionality:
 - System Settings - Video - Video Frame Delays - program input frame delay: Set this to 1 frame (interlaced) or 2 frames (progressive) if DVE sequences will be used on PGM
 - System Settings - Video - Video Frame Delays - preview input frame delay: Set this to 1 frame (interlaced) or 2 frames (progressive) if DVE sequences will be used on PVW
 - System Settings - DVE - DVE Program - program router mode: Set this to 'enabled' for PGM DVE to be in-circuit on restart, or 'disabled' otherwise
 - System Settings - DVE - DVE Preview - preview router mode: Set this to 'enabled' for PVW DVE to be in-circuit on restart, or 'disabled' otherwise
- Please note that the DVE mode settings only define the start-up behaviour of an Imagestore 750.

v4.8-004 Final Release - 2013-4-23

- No changes.

v4.8-003 Beta - 2013-4-17

- Bug 8251 - DVE window's 'Mask Transparency' settings not honored correctly on any video standard
- Bug 8267 - Imagestore crashes whilst recovering communication with Nvision Compact Router

v4.8-002 Beta - 2013-4-10

- Bug 8266 - Imagestore driver not recovering from Nvision Compact Router loss

v4.8-001 Beta - 2013-3-26

- Bug 8135 - Add support for the NVISION Compact Router series

v4.7-004 Final Release - 2013-2-20

- No changes.

v4.7-003 Beta - 2013-2-07

- Bug 8009 - TFT 911 EAS connections fails with malformed data

v4.7-002 Beta - 2013-2-05

- Bug 8250 - Imagestore does not always recover following an HRS size change

- Bug 7966 - HRS source/salvo names update even if "auto name update" is set to "Disabled"
- Bug 8244 - Cut from PresMaster to Imagestore appears on screen as a single field X-Fade
- Bug 8248 - Repeated arm and take DSKs followed by "DSK OFF" causes crash

v4.7-001 Beta - 2013-1-30

- Bug 8224 - Black insertion failure on SDI inputs A & C (updated p235-SID firmware to 1v17)
- Bug 8230 - Add serial support to connection class
- Bug 8235 - Audio packets embedded on wrong line in field2 in SDI outputs (Updated audio FW to v1.02 26/11/12)
- Bug 8241 - Excessive jitter on all SDI outputs (updated p235-SID firmware to 1v17)
- Bug 8245 - More than ten source names cannot be retrieved from the HRS

v4.6.2-002 Final Release - 2013-1-10

- No changes.

v4.6.2-001 Beta - 2013-1-4

- Bug 7952 - Presmaster protocol doesn't recover from stream error - fixed problem 'Failed to find a command within FF'

v4.6.1-003 Final Release - 2012-12-14

- No changes.

v4.6.1-002 Final Release - 2012-12-12

- No changes.

v4.6.1-001 Beta - 2012-11-26

- Bug 8061 - Bug clock second 'hand' position jumps on clock load.

v4.6-003 Final Release - 2012-11-26

- No changes.

v4.6-002 Beta - 2012-11-16

- Bug 8173 - Improve the fault tolerance of serial Oxtel command processing and prevent valid commands from being discarded due to earlier errors.
- Bug 8193 - Enquire global datasource value 'm5' oxtel command response does not include 'backslash' before the two hexadecimal bytes.

v4.6-001 Beta - 2012-11-12

- Bug 8055 - Audio routing based on 3-way decision (S2020 MetaData / DolbyE detect / Silence detect)
- Bug 8214 - Intermittent green flashes on output