

Memorandum

Date: October 26, 2015
To: Harmonic NMX Customers and Channel Partners
From: Mangesh Kalbhor, Product Manager – NMX
Subject: Availability of NMX 7.4 GA Software Release

Harmonic is pleased to announce the release of NMX 7.4 general availability (GA) software for NMX Digital Service Manager and systems.

NMX 7.4 also introduces some key usability enhancements that greatly improve the performance of NMX and the various systems and products it controls. These include:

NMX

- LDAP Support in NMX for single sign-on.
- Persisting last window arrangement in NMX.
- UI Enhancements

Electra X2 and XVM

- Advanced graphics and playout (IP input only)
- HEVC encoding for OTT
- AVC CBR 4:2:2 10-bit encoding
- DTMF input for stream conditioning
- Auto/Manual/Auto Revert/Manual Revert Port/Socket Redundancy

Electra 9200

- Minimal bitrate for internally created DVB Subtitles
- Auto/Manual revert socket/port redundancy modes
- Daylight savings time support

ProStream 9000

- Quad GbE card - IPv6
- Support 2 Quad GbE cards per platform
- Quad GbE card - support MPTS VBR input (with no NULL packets)
- Quad GbE card - splicing enhancement; minimizing black frames by VBV management
- ACE – AVC HD video quality enhancements
- Blackout – seamless switching





ProView 8100

- Deep packet inspection for reception of video over the Internet
- Independent GbE ports
- Input Redundancy
- VANC - SMPTE 2038
- TS output mute

ProView 7100

- Increased Verimatrix embedded descrambling bitrate
- AVC-I support

ProMedia X Origin

- Encryption and DRM: Supports Apple FairPlay DRM on HLS, Support PlayReady DRM on HLS
- Subtitles and Captions support; EIA 608/708 closed captions pass-through on HLS
- Support for new hardware appliance; Intel based 2300

For a complete list of resolved issues in NMX 7.4, please see the release notes, user guides and application notes.

Upgrade to NMX 7.4

Referring to the previous memo on NMX upgrade, NMX 7.4 will not allow you to upgrade from any version prior to NMX 6.x GA. Only versions NMX 6.x onwards can be upgraded to NMX 7.4. For more details on supported upgrades, please refer NMX support upgrade memo.

For additional information, please contact Harmonic Technical Support:

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