

Memorandum

Date: December 15, 2016
To: Harmonic NMX Customers and Channel Partners
From: Mangesh Kalbhor, Product Manager - NMX
Subject: NMX 7.6 GA Software Release

Harmonic is pleased to announce the release of NMX 7.6 general availability (GA) software for NMX Digital Service Manager and systems.

NMX 7.6 introduces new device features and some key usability enhancements that greatly improve the performance of NMX and the various systems and products it controls. These include:

NMX

- Restful API to control encoder redundancy.
- NMX templates improvement to include all properties except unique ones, like IP address.
- Allow multiple Operators edit same service configuration
- CAS configuration – Offline bulk editing with Excel
- Alarm Trap – Additional information to SNMP Trap about object ID, type, alarm type
- Amethyst III – IP monitoring and support for TS over IP switching
- NetProcessor 9030/40 monitoring
- Third party devices: Cisco 3650 switch and Keepixio packager

Electra X2 and XVM

- EyeQ (AVC OTT) (LA)
- HEVC/ H.264 additional VQ improvements for OTT and broadcast
- Support for Mixed Resolution for HEVC Statmux
- Dolby Bitstream Mode (BSMOD)
- Dual Mono Encoding AAC
- E-AC3 7.1 pass through
- Japanese/ARIB B-24 Closed Caption Pass-Thru
- Teletext and DVB subs Timing Adjustment to protect from PTS drift
- Support Multiple Type of VBI on the same Data PID
- 2022-6 Port & Socket Redundancy
- Support Simple Scheduler for SWF Files
- TNS ON/OFF for AAC-LC audio encoding
- PMT PID Ordering
- Broadcast ID improvements

ProStream 9000

- HEVC ad insertion
- Live to Live Splicing with StatMux- supporting VBR during alternate
- Service Failure conditions

- PID Presence Detection Enhancement
- VLAN Tagging
- Partial Encryption

ProStream XVM

- Enhancing multiplexing capabilities
- APTS Support
- DVB CSA-v2 Scrambling
- Fixed Key Scrambling/descrambling
- AES Scrambling
- BISS Scrambling
- Invidi support
- EAS– Emergency Alert System
- Protection against multiple NMX
- Partial Encryption
- Enhanced TS Redundancy
- PID presence detection
- Service Failure conditions

For a complete list of resolved issues in NMX 7.6, please see the release notes, user guides and application notes.

This release is available for immediate download for customers with an active SLA via Harmonic’s software download portal.

For additional information, please contact Harmonic Technical Support:

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