

## Memorandum

**Date:** May 24, 2016  
**To:** Harmonic NMX Customers and Channel Partners  
**From:** Mangesh Kalbhor, Product Manager – NMX  
**Subject:** Availability of NMX 7.5 GA Software Release

Harmonic is pleased to announce the release of NMX 7.5 general availability (GA) software for NMX Digital Service Manager and systems.

NMX 7.5 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

- Property change highlight and tooltips
- Persisting Service Plan Tree sorting both NMX Operator and NMX Designer
- Create batches from Timeline tab
- Properties UI – Usability improvement – expands and collapses all input or output properties
- Windows Server 2012 and new hardware
- Acknowledge system validation errors
- IP Port Shutdown on offline device
- Profile-specific Descriptors
- Synchronization from Restore Point
- Validate firmware version for all third party devices

### Electra X2 and XVM

- HEVC encoding for broadcast - CBR
- HEVC encoding for broadcast - VBR for DToIP stat mux pools
- Video Metrics reporting to Iris Server (AVC services only)
- Hybrid SDI and IP input
- 2022-6 input (SDI over IP)
- Reduced Latency Mode (1.7 sec) for AVC Encoding

### Electra 9200

- Adsmart

### ProStream 1000

- Audio leveling support for Taiwan NCC
- SNMP community string configuration





### ProStream 9000

- Regional statmux
- HEVC service substitution
- Audio leveling support for Taiwan NCC
- Black Frame reduction for seamless program substitution (SPS)
- SCTE35 offset
- VBR output - NULL Stripping
- SNMP community string configuration

### ProStream XVM

- DiViTrackIP Statmux controller
- Slate insertion
- VBR output - NULL Stripping (Accurate PCR)

For a complete list of resolved issues in NMX 7.5, please see the release notes, user guides and application notes.

### New NMX Servers for NMX 7.5

New hardware platforms are introduced to host NMX 7.5 GA with new server OS. NMX 7.5 will run on Windows Server 2012 platform with SQL 2014 hosted on next-generation “F-series” Intel and Dell R230 hardware. NMX 7.5 will not be supported on legacy server platforms except for the Dell R620. Dell R620 servers can be upgraded to host Windows 2012 and NMX 7.5 GA.

For additional information, please contact Harmonic Technical Support:

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