

## Memorandum

**Date:** February 15, 2017  
**To:** Harmonic NMX Customers and Channel Partners  
**From:** Mangesh Kalbhor, Product Manager - NMX  
**Subject:** NMX 7.6.1 GA Software Release

Harmonic is pleased to announce the release of NMX 7.6.1 general availability (GA) software for NMX Digital Service Manager and systems. This release is a patch release on NMX 7.6 GA with a focus on resolving customer reported issues.

NMX 7.6.1 introduces new features and some key usability enhancements that greatly improve NMX and the various products it controls. These include:

### NMX

- New devices support included in this release  
NMX now supports the monitoring of following devices in addition to all the existing devices:
  1. Electra VS (Formally known as ViBE VS7000)
  2. Electra XT (Formally known as XT1000)
  3. Spectrum XE (Formally known as FuZE-1)
- RESTful API license in NMX  
RESTful API license SW-NMX-REST-API-E is enforced by NMX. REST API request from external systems will only be executed on NMX if the license is bind to NMX server. If not, any calls to the API will be rejected.

### Electra X2 and XVM

- AAC Metadata and Audio Mode Support, including transcoding from AC3
- Extraction of compatibility byte from CEA-708 (CC 708 to 608 Down Conversion for legacy Set Top Box types)
- HRTTP Improvements to Reduce Jitter (specification of maximum jitter)
- Enables monitoring by 3rd party devices of intermediary Transport Stream between ElectraX and ProStream.
- Lock to input on 2022-6, eliminating the need to add and drop frames to match timing of the input.
- RTP Output on ElectraX2
- Adds support for Broadcast ID under Proprietary AS1 STB Mode
- Adds the auto clean-up feature to Proprietary AS2 STB mode supported in Proprietary AS1 mode
- Improved ARIB standard compliance (CRC on the audio output)

For a complete list of resolved issues in NMX 7.6.1, 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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