



Harmonic Inc.  
4300 North First Street  
San Jose, CA 95134  
T +1 408 542 2500  
F +1 408 542 2511  
www.harmonicinc.com

## Memorandum

**Date:** December 21, 2015  
**To:** Harmonic NMX Customers and Channel Partners  
**From:** Mangesh Kalbhor, Product Manager – NMX  
**Subject:** HEVC Broadcast Encoding Support with NMX 7.5 LA Software

Harmonic is pleased to announce the availability of High-Efficiency Video Coding (HEVC) support for Electra™ X advanced media processors with the release of NMX 7.5 software for NMX™ Digital Service Manager and systems. This capability represents a significant milestone for allowing the more efficient use of available bandwidth to enable delivery of new high-bitrate video services.

**Note:** This NMX 7.5 release is limited availability (LA) software intended for any Electra X customer that needs to launch an HEVC broadcast system. This release provides HEVC SD, HD, ABR, CBR and VBR (statmux) support for Electra X2, Electra XVM and ProStream only. This release of NMX does not support ACE, Promedia or Electra8K/9K. We are planning to release NMX 7.5 as a general availability (GA) by mid Q2 2016 and this release will support the entire Harmonic DV products, as any other GA version.

NMX 7.5 LA supports the following key HEVC broadcasting features:

- Constant bitrate (CBR) encoding
- Variable bitrate (VBR) encoding for DToIP statmux pools
- DPI stream conditioning for HEVC OTT

NMX 7.5 LA is designed to run on the Windows Server 2012 platform with SQL 2014. An upgrade kit is available for Dell R620 systems only.

For additional information, please contact Harmonic Technical Support:

Region	Technical Support Telephone	Email
<b>Americas</b>	+1 888 673 4896 (888 MPEG TWO) or +1 408 490 6477	support@harmonicinc.com
<b>EMEA</b>	+44 1252 555 450	emeasupport@harmonicinc.com
<b>India</b>	+91 120 4983199	apacsupport@harmonicinc.com
<b>Russia</b>	+7 495 926 4608	RUsupport@harmonicinc.com
<b>Mainland China</b>	+86 10 6569 5580	chinasupport@harmonicinc.com
<b>Japan</b>	+81 3 5565 6737	japansupport@harmonicinc.com
<b>Asia Pacific (Other Territories)</b>	+ 852 3184 0045 or +65 6542 0050	apacsupport@harmonicinc.com

