



Memorandum

Date: February 10, 2014
To: Harmonic Sales and Channel Partners
From: Tricia Justice, Spectrum Product Manager
Subject: Announcing Availability of the Spectrum 7.5 Release

We are pleased to announce that the Spectrum 7.5.0.0 release is now available for Spectrum and MediaDeck products. In addition, SystemManager 5.29.0.0 is available with support for this latest Spectrum release. Major features are described below and additional information can be found in the release notes and user manuals.

Major Release Features in Spectrum 7.5.0.0

New Product Offerings

- ChannelPort 8200 Series with extra I/O ports, internal mixers and advanced graphics modes
- Support for MediaDeck 7000 with four 4-TB SATA Drives

New General Features

- Onboard service to insert SCTE-104 Proxy messages into SMTPE 2010 VANC packets
- Support for Samba 3.6.9 and Windows Server 2008 Active Directory authentication
- Spectrum File System Security Enhancements with Access Control Lists for directories
- IMX and MPEG-2 Encode licenses for use with any MediaPort 7000
- Adobe Premier and Apple FCP Edit-In-Place on Spectrum MediaCenters and MediaDirectors
- Support for blanking Wide Screen Signaling (WSS) when up-converting

New Onboard Payout Tool (OPC) Features

- New channel control features such as Channel Override, Mixer Override, ARC Override, Take Next and GPI triggers
- Interactive editing of single events or groups of events in the playlist
- MediaFetch enhancements including enhanced search algorithms and support for a secondary path when the Independent Branding feature is used for simulcast outputs

New ChannelPort Features

- ChannelPort Enhanced Channel (EC) Mode, enabling multiple advanced graphics features
- Support for external Key/Fill inputs
- Support for Independent Branding of HD and SD simulcast outputs
- Ability to define Audio Profiles, including audio down-mix, shuffle and voiceover settings
- Option for automatic loading and lock of graphics layers for persistent branding
- New GPIO Events to toggle graphics layers, set the mixer, change the ARC, and more
- Support for importing and playing out graphics compressed as .tzip files

For additional information regarding these and other new features, resolved issues, and compatibility with third party applications, please see the release notes. For download information regarding Spectrum 7.5

and SystemManager 5.29, please contact Harmonic Technical Support:

Region	Technical Support Telephone	Email
Americas	888.673.4896 (888.MPEG.TWO) or 408.490.6477	support@harmonicinc.com
Europe, Middle East, Africa	+44.1252.555.450	support.emea@harmonicinc.com
China	+86.10.8391.3313	chinasupport@harmonicinc.com
Japan	+81.3.5565.6737	japansupport@harmonicinc.com
Asia Pacific (Other than China and Japan)	+65.6542.0050	apacsupport@harmonicinc.com

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