



Memorandum

Date: July 10, 2014
To: Harmonic Customers and Channel Partners
From: The Spectrum Server Team
Subject: Announcing Availability of the Spectrum 7.6.0.0 Release

We are very pleased to announce that the Spectrum 7.6.0.0 release is now available for Spectrum and MediaDeck products. In addition, SystemManager 5.30.0.0 is available with support for this latest Spectrum release.

The Spectrum 7.6.0.0 release offers more cost-effective storage and improved bandwidth for MediaCenter; new capabilities designed around ChannelPort for SDI video monitoring and burning of captions into video during playout; and simplified configuration, management and monitoring of Spectrum MediaDeck, as the dedicated SystemManager PC can be replaced and embedded management used instead.

Major features and exciting new product offerings are described below. Additional information can be found in the release notes and user manuals.

Two New MediaCenter Models

Spectrum MediaCenter combines media server and storage functions in a compact 2-RU enclosure. When combined with ChannelPort integrated channel playout modules, the MediaCenter becomes one of the most cost-effective, compact and powerful integrated channel playout systems on the market.

- The new MediaCenter MCP-2200-C4H model doubles the amount of available storage with 12 4-TB SAS drives, for a total of 32 TB of usable storage. The increased storage capacity allows more content to be stored for longer, can reduce the amount of media copying from archive/near-line storage, and offers more space to deal with higher data rate codecs.
- The new MediaCenter 2200A model increases the maximum channel count from 12 to 20 channels. The 2200A model also provides 12 4-TB SAS drives for a total of 32 TB of usable storage. In addition to the benefits offered by the MediaCenter 2200, the 2200A model offers the best value for the money in terms of cost per channel.

Open Caption Support

Open Caption support automates insertion of captions for burn into video. It is ideal for play-to-air scenarios where captioning is required for multi-lingual viewers or the hearing impaired. This feature is suitable for any broadcaster or playout application that wants to simplify their workflow and reduce CAPEX for this type of caption support. It removes the need for expensive downstream caption insertion hardware in favor of ChannelPort-driven graphics insertion. This is a licensed feature for ChannelPort only.

Monitor Mode

Monitor mode enables operators to see key information about the on-air clip at a glance in the SDI

monitors or multiviewer. It simplifies the correlation of the playlist with the on-air and cued video and makes channel identification simple. Using the ChannelPort independent channel branding feature via the simulcast port, it burns in key information such as timecode, clip status (play, cued, etc) and clip ID into the video output as a graphic. This feature is supported on ChannelPort only and does not require a license.

Schedule Tool

Schedule Tool is a web-based application that enables the user to manually create a playlist that can be used with OPC (Onboard Playlist Control) on Spectrum systems. Schedule Tool is a simple way to create playlists for those customers who do not import playlists into OPC from a traffic system.

MediaDeck 7000 Management

MediaDeck 7000 Management removes the need for SystemManager when configuring and monitoring the 7000 series MediaDeck platform. It is an onboard tool that can be accessed via web browser, supporting the ongoing trend towards function collapse and integrated channel capability. All the configuration, maintenance and monitoring tools are embedded within the compact, 1RU MediaDeck chassis.

For additional information regarding new features, resolved issues, and compatibility with third party applications, please see the release notes. For download information regarding Spectrum 7.6.0.0 and SystemManager 5.30.0.0, please contact Harmonic Technical Support:

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