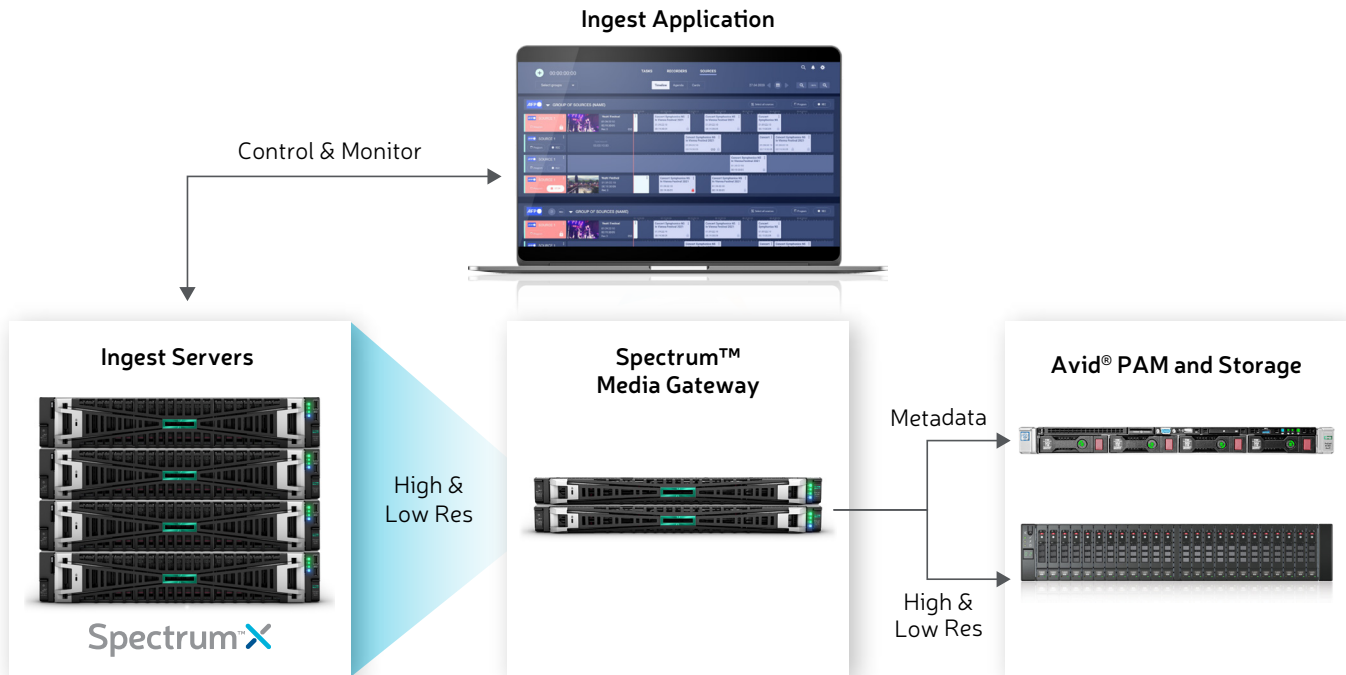# Spectrum Media Gateway

SPECTRUM INGEST SOLUTION FOR AVID® INTERPLAY®

Spectrum Media Gateway gives customers the ability to seamlessly ingest clips, using Harmonic's reliable and robust Spectrum video server, into Avid®'s PAM system.

Spectrum Media Gateway provides a simple, low-cost solution to re-wrap MXF OP1a files to the MXF OPAtom format used by Avid's PAM and storage systems. MXF OP1a files ingested on Harmonic's Spectrum video server are automatically transferred to the Media Gateway, re-wrapped and transfered to the Avid system. The Spectrum Media Studio Ingest application can be used to control and monitor ingest operations on the Spectrum server and exchange metadata with the Avid PAM system.

Spectrum Media Gateway consists of a 1RU HPe server running Ubuntu Linux with a software library for file re-wrap and ftp services for file transfers. The Spectrum video server and Media Gateway are configured using the SystemManager application.

A license is required for each re-wrap channel, with a maximum of eight simultaneous re-wrap channels per server. The Spectrum system uses the Auto Export feature to automatically transfer ingested MXF clips to the Media Gateway server. Growing clip files are supported.

*NB Low res proxy will not be available in the initial release.

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HIGHLIGHTS

- Fully integrated ingest solution for Spectrum servers
- Full support for growing file workflows
- Works with Harmonic or third-party control applications

Spectrum Media Gateway

SPECTRUM INGEST SOLUTION FOR AVID® INTERPLAY®

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SPECIFICATIONS

HPE PROLIANT DL320 SERVER SPECIFICATIONS

Processor	4th Generation Intel® Xeon® Scalable Processors
Memory	64GB RAM
Storage	2x 480GB NVME RAID1
Ethernet	6x 1GbE
Operating System	Ubuntu Linux

POWER

Power Supply	Dual HPE 1000W Titanium hot plug supplies
Voltage	100-240 V
Rated Input Current	11.3 A at 100 VAC 6.1 A at 200 VAC

PHYSICAL

Dimensions (1RU)	4.28 x 43.46 x 66.46 cm 1.69 x 17.11 x 26.16 in.

ENVIRONMENTAL

Operating Temperature	10°C to 35°C (50°F to 95°F)
Storage Temperature	-30°C to 60°C (-22°F to 140°F)

ORDERING INFORMATION

Part Number	Description
SPECTRUM-MEDIA-GATEWAY-CH	Software licence, per channel/destination
HWR-SMG-SVR	Hardware 1RU HPe server. Max 8 streams per server