



SeaChange ≡ Spot Inserter 2048™

48 Channel Digital Transport Stream Inserter

The SeaChange Spot Inserter 2048™ combined with a statistical re-multiplexing device provides the ability to seamlessly insert local advertisements into digital channels — Transport Streams Insertion (TSI).

This SeaChange® digital inserter is capable of reliably delivering forty-eight channels of standard and high-definition, variable bit rate (VBR) digital multiplexes over DVB-ASI, Gigabit Ethernet, or optical fiber transports.

The high density Spot Inserter 2048 operates within a Spot digital ad insertion system that includes a Spot database, video libraries, and digital tone suite.



FEATURES

- Common command and control through familiar management tools, enhanced with new capabilities for TSI operations
- Stack over 450 channels into one standard equipment rack
- Capable of delivering advertisements into channels spread across numerous splicing remultiplexors using passive DVB-ASI signal splitters or layer-2 Ethernet switches
- Two network interfaces; the first for management and content distribution with the second supporting server/splicer communications over Ethernet
- High-definition ready with sufficient storage and streaming capacity to handle the larger file and stream sizes (4 SD:1 HD)
- Instrumented components and multiple LED indicators
- Complete chassis sensors and alarming integrated with the Spot system's event notification services
- Easy access to the chassis minimizes maintenance down time, and enables easy serviceability
- Support for Spot+ System Software™ for fault-resilience and protection against inserter failure

FEATURES

- 4 rack unit (RU) chassis
- Digital output (DVB-ASI, Gigabit Ethernet or fiber)
- Redundant 500W power supplies (110/220)
- Optional -48v power supplies
- Redundant fans
- Intel® 1.4Ghz Xeon Processor
- 512MB RAM
- 40 GB IDE hard drive (service disk)
- Six 36GB RAID5 10K hard drives (storage for 4800 30-second spots @ 3.75Mbps)
- 56K modem
- 10/100/1000 network interface
- DVD / CD-ROM drive
- External SCSI adapter
- VGA adapter
- Keyboard and mouse adapters
- 48 TSI channel licenses
- Spot System 4.5 or newer (DVB/ASI output)
- Spot System 4.6 or newer (GigE or fiber output)
- SeaView server management utility
- Microsoft® Windows® 2003
- Optional internal SQL server database
- Microsoft® SQL client license
- VNC remote support software
- One Year Warranty and Support
- Standard definition MPEG-2 data rates up to 8 Mbps
- High definition MPEG-2 data rates up to 19 Mbps (each HD channel is equivalent to 4 SD channels)
- 2 channels of Musicam or AC-3 audio
- Maximum of 36 simultaneous SD channels
- Support for long form insertion at 4 or 5 3/4 Mbits (Each LF channel is equivalent to 3 insertion channel)

TSI CHANNEL TASK CONTROLLER SOFTWARE

- One license for standard or high definition channel automation
- One year maintenance and support

ORDERING INFORMATION

Sales Order Number	Description
INS-1060-00	Spot 2048A DVB/ASI
INS-1061-00	Spot 2048C GigE Copper
INS-1059-01	Spot 2048F GigE Fiber w/850nm laser
INS-1059-02	Spot 2048F GigE Fiber w/1310nm laser
INS-1060-01	Spot Longform 2048A DVB/ASI