



Direct Ingest from Satellite Receivers

Splices Multicast Feeds to Cable, Transmitter or Uplink



- Multichannel splicing of MPEG2 and MPEG4
- No baseband switching or keying required
- No need for downstream logo insertion
- No decoding to baseband
- Automated scheduled record
- Simultaneous playout of HD and SD channels
- Bitrate conformed for desired playout

Multichannel splicing of MPEG2 and MPEG4 media for direct feeds to cable or transmitter –
No baseband switching or keying required

Digital Broadcast's MediaFire IP playout provides multichannel splicing of MPEG2 and MPEG4 media for direct feeds to cable or a transmitter. The MediaFire IP maintains the streamed MPEG network so that no baseband switching or keying is required.

Ingest of ASI and Ethernet directly from satellite receivers - *No decoding to baseband*

Digital Broadcast's MediaFire IP allows ingest of ASI and Ethernet directly from digital satellite receivers. It requires no decoding to baseband and re-encoding into the MediaFire Video Server.

Supports MPEG2 and MPEG4 ASI transport streams and video over IP as SPTS and MPTS.

The versatile MediaFire IP supports MPEG2 and MPEG4 compressed ASI transport streams and video over IP as SPTS (single program transport streams) and MPTS (multi program transport streams).



Provides logo insertion, crawls and snipes - *Eliminates need for downstream logo insertion*

The MediaFire IP provides logo insertion, crawls and snipes (animated graphics) on MPEG2 and MPEG4, eliminating the need for downstream logo insertion and weather crawls. EAS and PSIP interfaces are also supported.

Material upconverts/downconverts to HD and/or SD - *Bitrate automatically conformed for desired playback*

With the MediaFire IP, incoming material is scaled to HD and/or SD as needed and the bitrate is automatically conformed for playback.

Automated Schedule Record feature captures user-selectable program IDs and audio streams

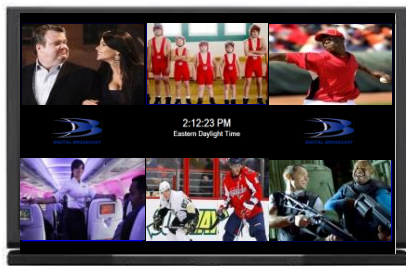
MediaFire IP includes an Automated Scheduled Record (ASR) feature which allows feeds to be selected via time of day scheduling. With this, the system has the ability to capture user-selectable programs out of a multiprogram transport stream.

Simultaneous playback of multiple HD and SD channels

MediaFire IP's statistical multiplexer enables simultaneous playback of HD and SD channels as well as multiple HD channels and multiple SD channels. ASI and SMPTE 310 outputs are supported. It also provides for multiple cable and STL feeds.

Splicing and integrated stat mux bypasses need for additional switcher, encoder and mux

The system splices the material and selects the output sources according to the MediaFire Automation schedule, thus bypassing the need for additional switching, encoding or muxing equipment.



Digital Broadcast's **IP Multiviewer** facilitates and consolidates the monitoring of multiple outputs of MediaFire IP.



Digital Broadcast's **IP Graphics Engine** provides the creation of MPEG2 or MPEG 4 overlay graphics, including crawls, scrolls, snipes, logos, animated sequences and weather graphics.