Professional ABR Receiver

Use OTT Streams to Serve Legacy Networks

In partnership with

verimatrix
DRIVING TRUST

WISI is introducing a Professional ABR Receiver to their product family. Re-purpose ABR video streams from multiscreen deployments and convert to IP transport stream for IPTV services or to QAM or Analog for hospitality networks. The ABR Receiver allows video operators to connect multiscreen PayTV offerings to the edge and maintain existing infrastructure at hospitality sites.



Benefits

- ✓ Eliminate duplication in the headend - use the same ABR streams for business accounts that continue to serve linear workflows
- ✓ Continue to provide secure end-to-end content protection with ABR bulk decrypt capabilities
- ✓ Launch a trusted video platform, deployed globally by customers such as Cox, RCN and MVS
- ✓ Provide synchronized screens from ABR sources in venues like sports bars and stadiums

What is ABR Reception?

Video operators provide business accounts such as hospitality networks and MDUs with PayTV services in parallel with TV services to residential subscribers. As operators migrate residential networks to use multiscreen ABR, they maintain linear QAM-based video for business accounts, resulting in unnecessary duplication and significant operational costs.

The cost of replacing legacy set-top boxes at hospitality sites is high and there is a large percentage of these boxes in the field. For these reasons, operators plan to continue supporting QAM-based linear delivery for the foreseeable future.

To help operators support existing hospitality networks, WISI has created a way to re-use multiscreen video streams for legacy deployments. This removes the duplication. The same ABR streams used to serve residential subscribers and over-the-top deployments can be repurposed to feed the edge.

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The Solution

Bridge the gap between legacy QAM networks and multiscreen ABR video delivery. Use ABR streams for both residential and business subscribers.

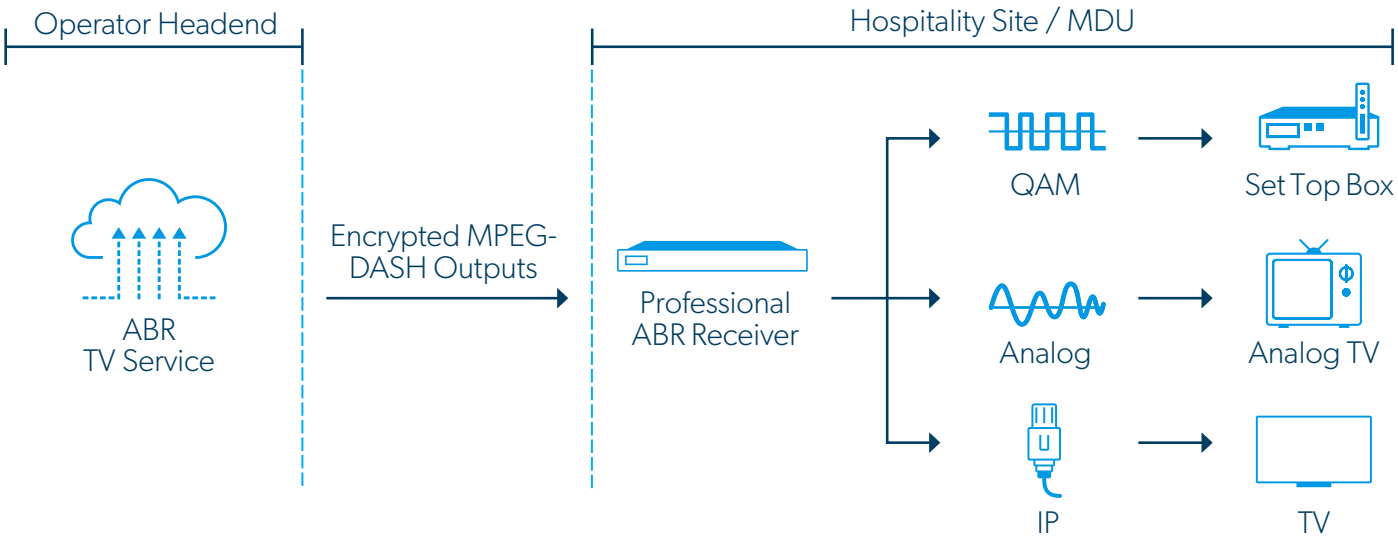
The Professional ABR Receiver from WISI is designed to:

- ✓ Receive encrypted MPEG-DASH streams
- ✓ Bulk decrypt Verimatrix
- ✓ Reformat video as MPEG-4, IP Transport Stream
- ✓ Optionally transcode to MPEG-2 with Dolby AC-3 audio
- ✓ Re-encrypt with Verimatrix, Pro:Idiom or BISS
- ✓ Output as IP, QAM or Analog

*HLS support to be added in future firmware updates



Re-purpose ABR Services at the Edge



Why WISI?

- ✓ Work with a world pioneer in video distribution and edge video processing
- ✓ Reduce operational costs by deploying a modular platform with integrated monitoring and analytics
- ✓ Experience centralized confidence monitoring with a visual mosaic of all remote sites
- ✓ Reliable 24/7 operation thanks to strong North American technical support

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