



Streaming OTT with DVB

IBC 2025

Headline

How to stream ‘over the top’ with DVB is a question our experts **Mohammed Raad** and **Guillaume Bichot** will tackle.

After a quick overview of the answer, they will proceed with a Q&A around the whiteboard.



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Broadpeak
Chief Technology Officer

DVB-TM-MCAST co-chair
Lead DVB-MABR specification



Mohammed Raad
Unified Streaming
Standardization

DVB-TM-STREAM co-chair
Lead DVB-DASH specification

The tool box

Interoperability insurance
Strong broadcast ecosystem
Quality of Experience

+



4 Challenges

Discovery of TV services over Internet

DVB-I[®]

Interoperable Over the Top streaming solution

DVB DASH[®]

Scaling and greening the Internet television

DVB MABR[®]

Broadcast transformation adopting native IP streaming

DVB NIP[®]

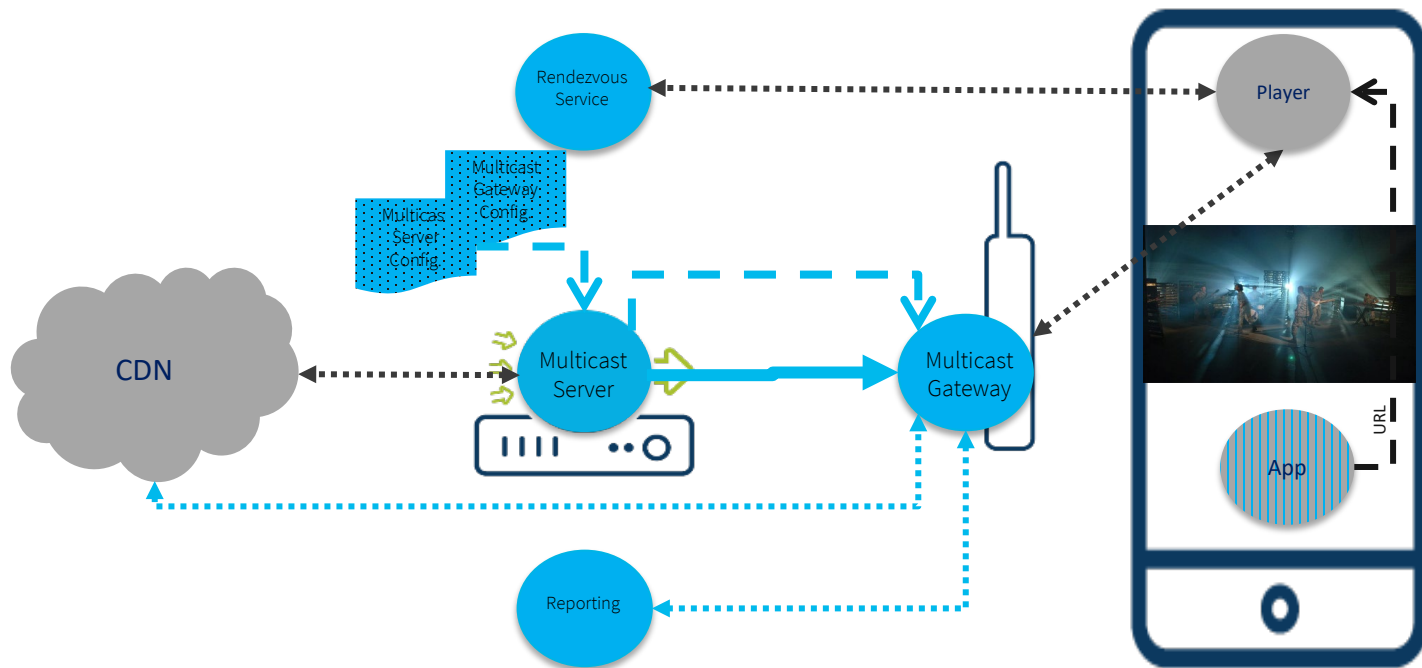
DVB-DASH

DVB-DASH A168r6 / ETSI TS 103 285 V1.4.1

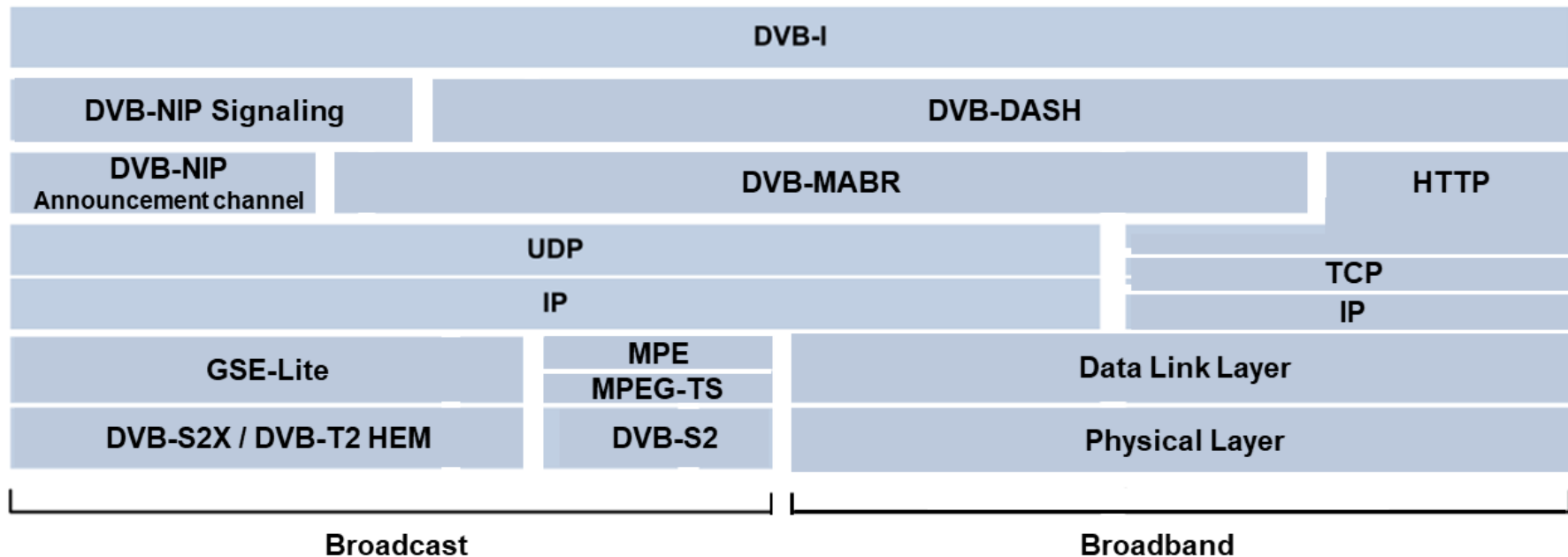
- A profile of MPEG-DASH.
 - Allows OTT ABR with a subset of features.
- Supports signalling of VVC and AVS3 (video and audio).
- Accessibility support (e.g. sign language).
- Addresses the main use cases of VOD, live, low latency and live-to-vod.
- Fits with MABR and DVB-I
- Supports common encryption (CENC) and DRM.
- May be updated soon to be aligned with MPEG-DASH 6th edition (e.g. CMCD support).
- Published as ETSI 103 285
 - DVB Bluebook A168 is the most up to date version.
- Conformance tool available at <https://dashif.org/tools/conformance/>

DVB-MABR

DVB-MABR A176r6 / ETSI TS 103 769 V1.2.1



The complete stack





Thanks