

DVB[®]

TV 2030

 ST Engineering

 iDIRECT

NOW

13:00 – 14:00

Showcase of DVB-NIP use cases



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Explore the DVB-NIP standard and how it is enabling innovative, IP-native delivery models across industries. This session is hosted in collaboration with ST Engineering iDirect.

STAND SCHEDULE

(Meetups and presentations)

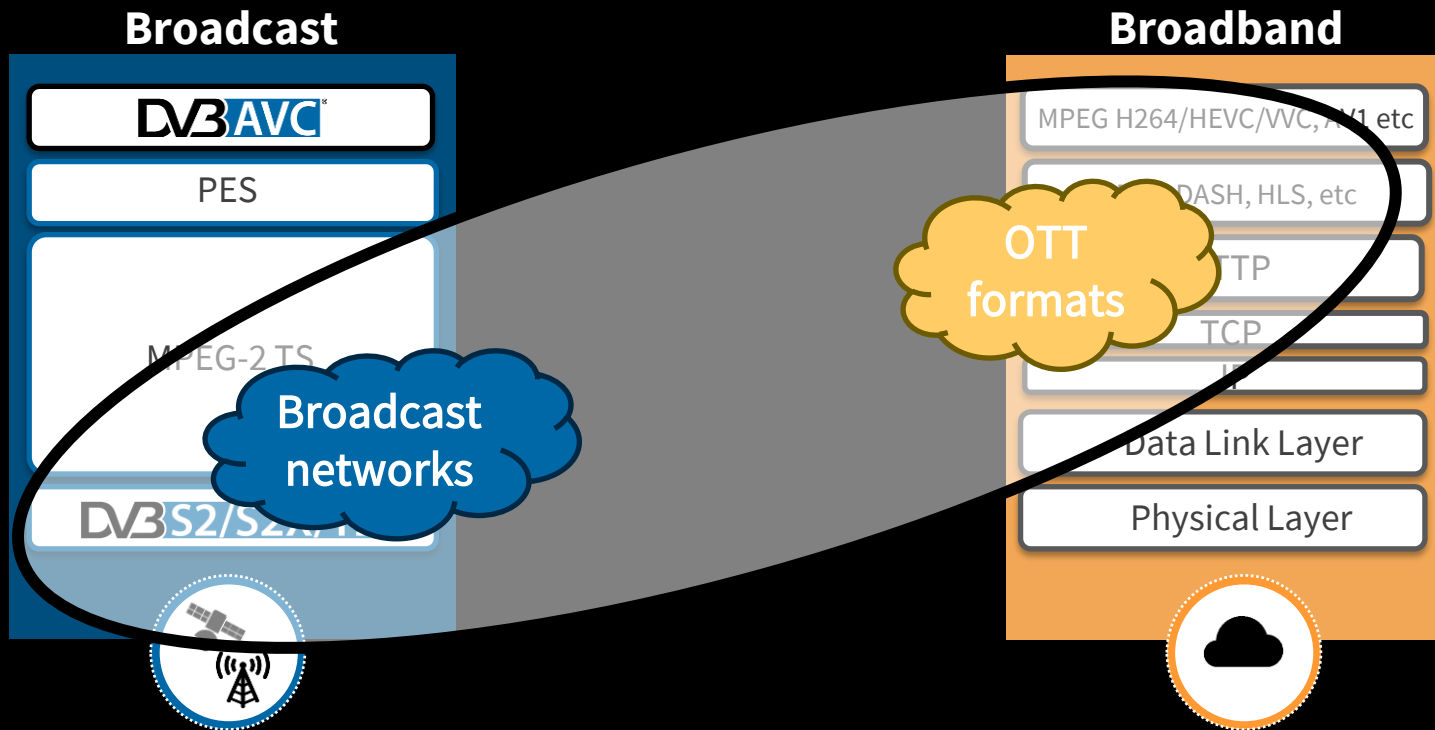


SHOW GUIDE

(Demos of DVB-I, DVB-NIP, etc.)



2015-2020: The missing piece



The journey to a long-awaited standard

2015

...

2020

2021

2022

2023

...

2024

2025

First attempts to deliver
OTT over satellite



- ✗ Lack of interoperability
- ✗ Proprietary solutions

Work started

DVB



DVB NIP
Bluebook A180



TS 103 876 v1.1.1

From silos...

Broadcast

DVB AVC[®]

PES

MPEG-2 TS

DVB S2/S2X/T2[®]



Broadband

MPEG H264/HEVC/VVC, AV1 etc

MPEG-DASH, HLS, etc

HTTP

TCP

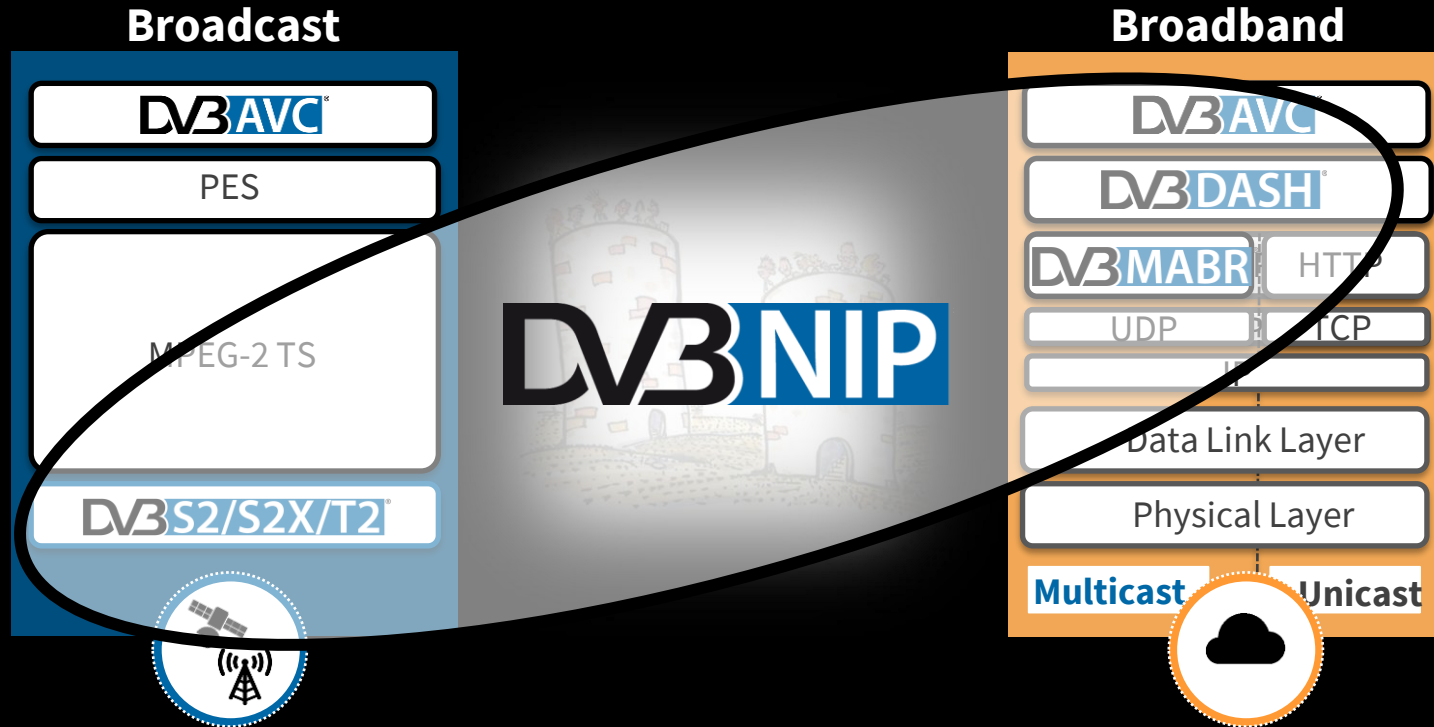
IP

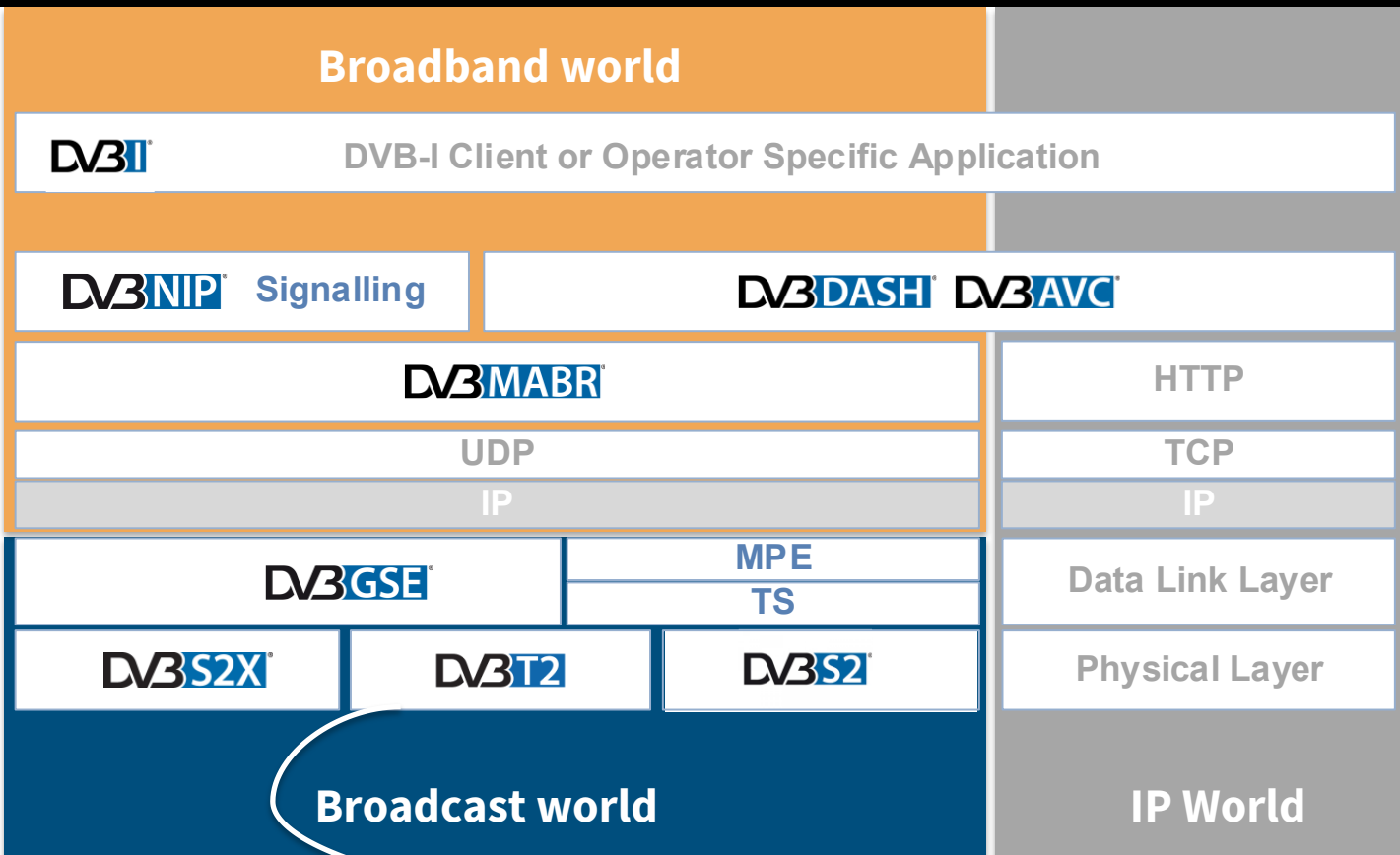
Data Link Layer

Physical Layer

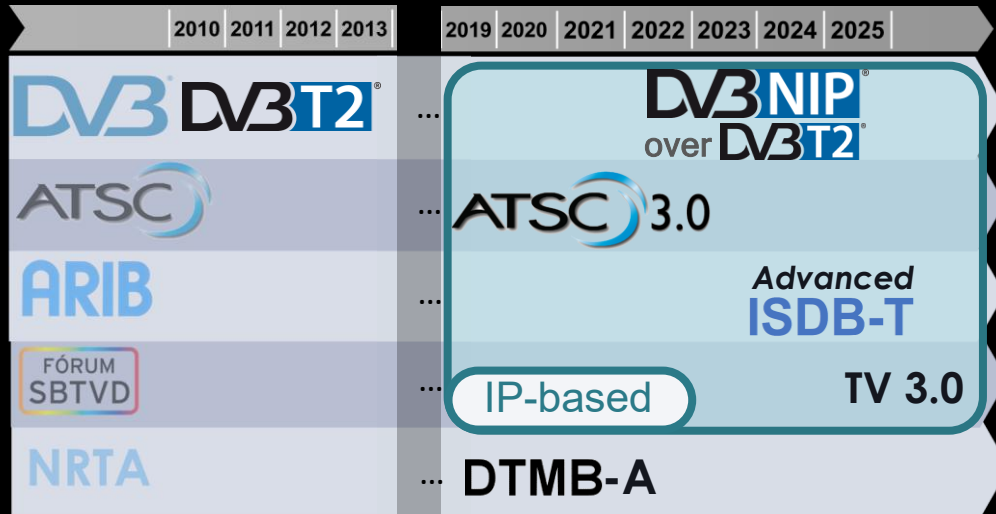


... to the best of both worlds





DVB-NIP/T2 stands with ATSC 3.0



Both have IP-based core



Similar spectral efficiency

2nd-generation DTT Broadcast standards

- ✓ A long-awaited enabler for OTT over satellite
- ✓ Real-world deployments already happening
- ✓ Ready to support innovative delivery models

Thanks!



Emily Dubs

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