Conformance & Interoperability Regime
wrap up

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Why Conformance & Interoperability is needed

➢ HbbTV market segmentation.
➢ An existing base of legacy technologies.
➢ TV-specific product lifecycle.
➢ Consumer expectations regarding product performance and user experience.
Conformance & Interoperability model

The objective

HbbTV implementations to comply with the standard. Interoperability of products from different suppliers.

Conformance/Unit testing

Interoperability testing

Test suite
Conformance & Interoperability best practices

- App verification using tools from 3rd parties (DASH validator, etc.)
- Testing the practical combination of HbbTV component technologies using reference apps.
- A standardized app framework for multiple broadcasters to reduce many-to-many relations.
Stakeholders’ perceptions & considerations

Is a centralized conformance system possible?

➢ If implemented well, it could provide benefits to stakeholders in removing low-level unit testing duplication.
➢ However, different market characteristics would be a big challenge for system implementation.

Initiatives for improvements

➢ Address and standardize popular requirements to reduce market segmentations.
➢ A broader collaboration between HbbTV platform operators to reduce many-to-many relations
➢ HbbTV initiatives to improve the conformance & interoperability (IOT workshops, reference apps, DASH validator, developer portal, etc.)
Thank you