



## Designing a Conformance Framework for Freeview Play

Alex Russell – Head of Conformance, Digital UK

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## Why design a conformance framework?

“When you decode the world with design intent in mind, the world becomes kind of magical.”

- Roman Mars

# Why design a conformance framework?

~15  
manufacturers

X

8  
people involved in  
testing each device

+12  
people  
supporting it

+3  
people from FVP  
running it

+1  
poor sod who has to  
explain it to everyone

= At least 136 peoples' lives made better

Why design a conformance framework?

“[the purpose of design is] making life better and providing joy.”

- Roman Mars

Gardiner Campbell Alex  
Jackson Phyllan Medland  
Poole Secker  
Foster Mao Tallis  
Bob Dan Yikang Shorrock  
Rob Yeadon Jo Russell  
Peter Mike Chris  
Andy Nick Layton  
Foreman Jones James

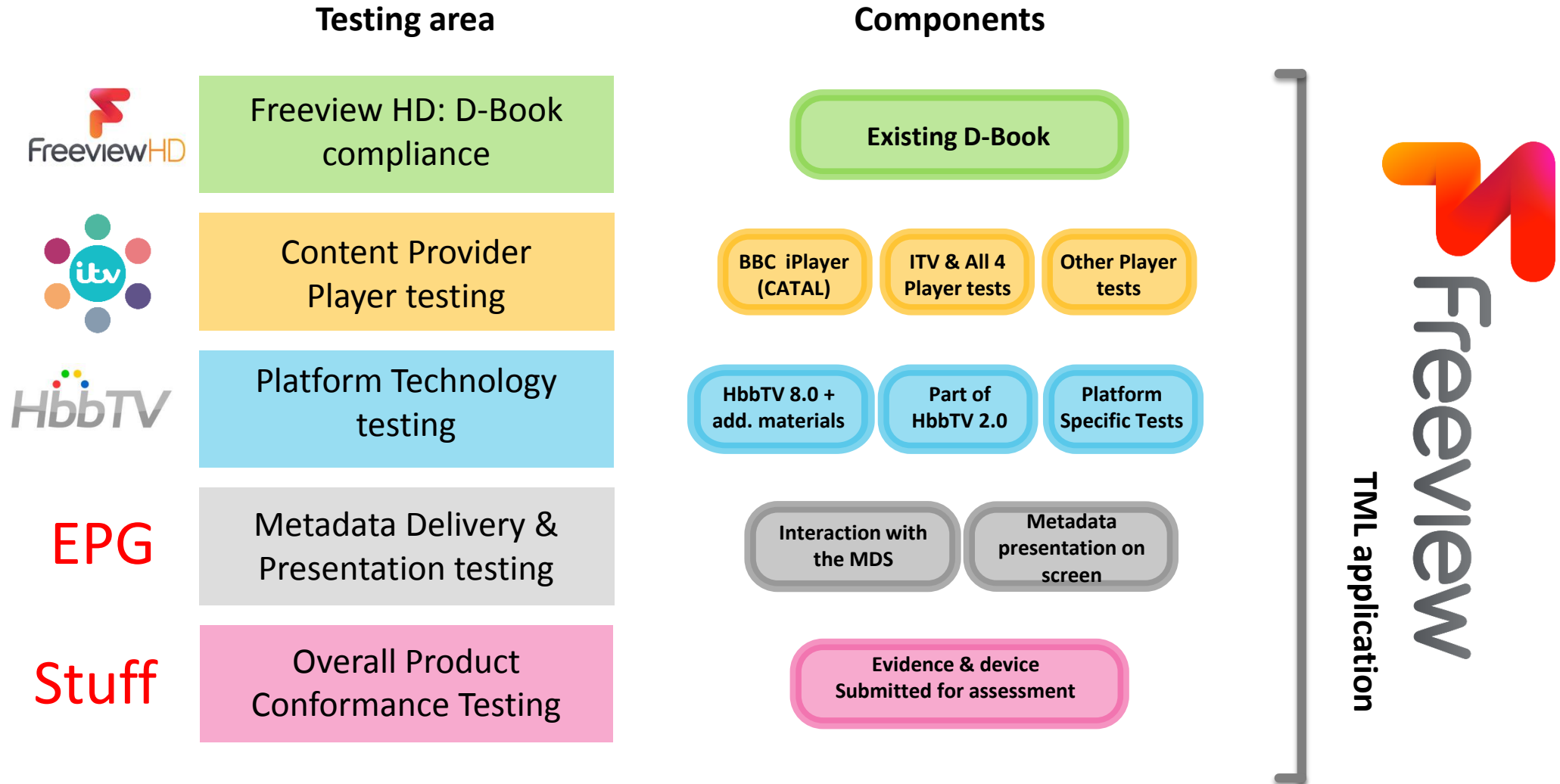
Making life better with a conformance framework – where to start?



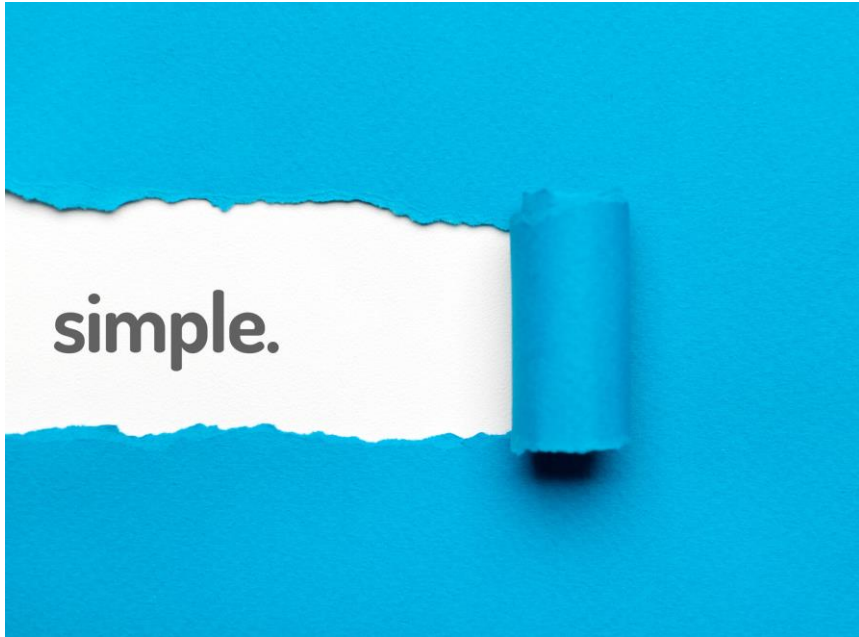
EPG

Other Stuff

# Making life better with a conformance framework



## Making life better with a conformance framework



- Documentation
- Organization of tests
- Conformance process



- Understanding tests
- Handling test challenges
- Enhancing the framework



## The platform operators dilemma

Over time the target requirements for any conformance framework will necessarily change.

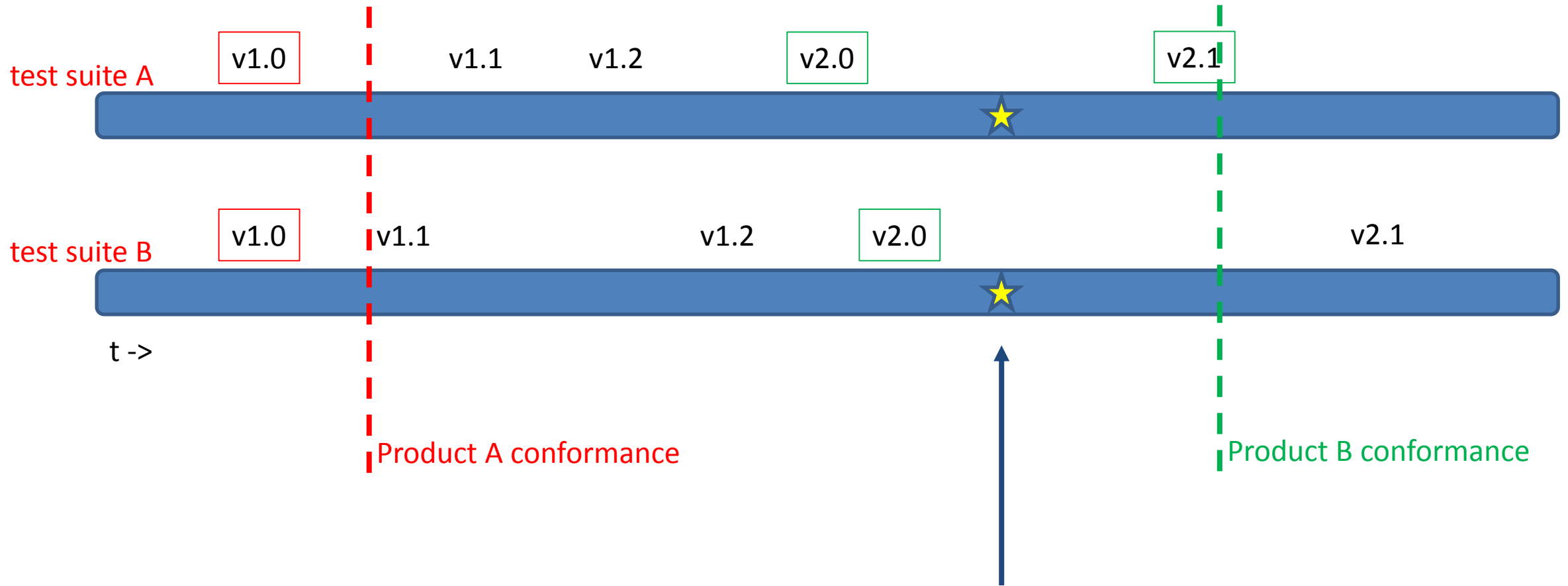
- Anon.

# The platform operators dilemma

You've moved the goal posts!

- Anon.

# The platform operators dilemma



Early and open dialogue required with manufacturers!

# Self test vs independent test

TCA testing area	2016	2017
Freeview HD: D-Book compliance	DTG Testing & self test	DTG Testing & self-test
Content Provider Player testing	Self-test followed by separate certification by individual CPs	Self-test followed by certification by an Independent test-house*
Platform Technology testing	Self test & DUK Verification	Self-test Self-certification Sample checks by DUK
Metadata Delivery & Presentation testing	Self-test & DUK Verification	Self-test Self-certification Sample checks by DUK
Overall Product Conformance Testing	DUK & Freeview review	DUK & Freeview review

Providing joy with a conformance framework?

I'll let you know ...

Foreman Gardiner Shorrock  
Medland Phil  
Foster Nick  
Tallis Secker  
Dan Mao Rob James  
Yikang  
Russell Alex Jo Jones  
Yeadon Peter  
Chris Bob Ian  
Andy Poole  
Jackson Jon Mike  
Campbell Layton