

TVWS Framework Implementation

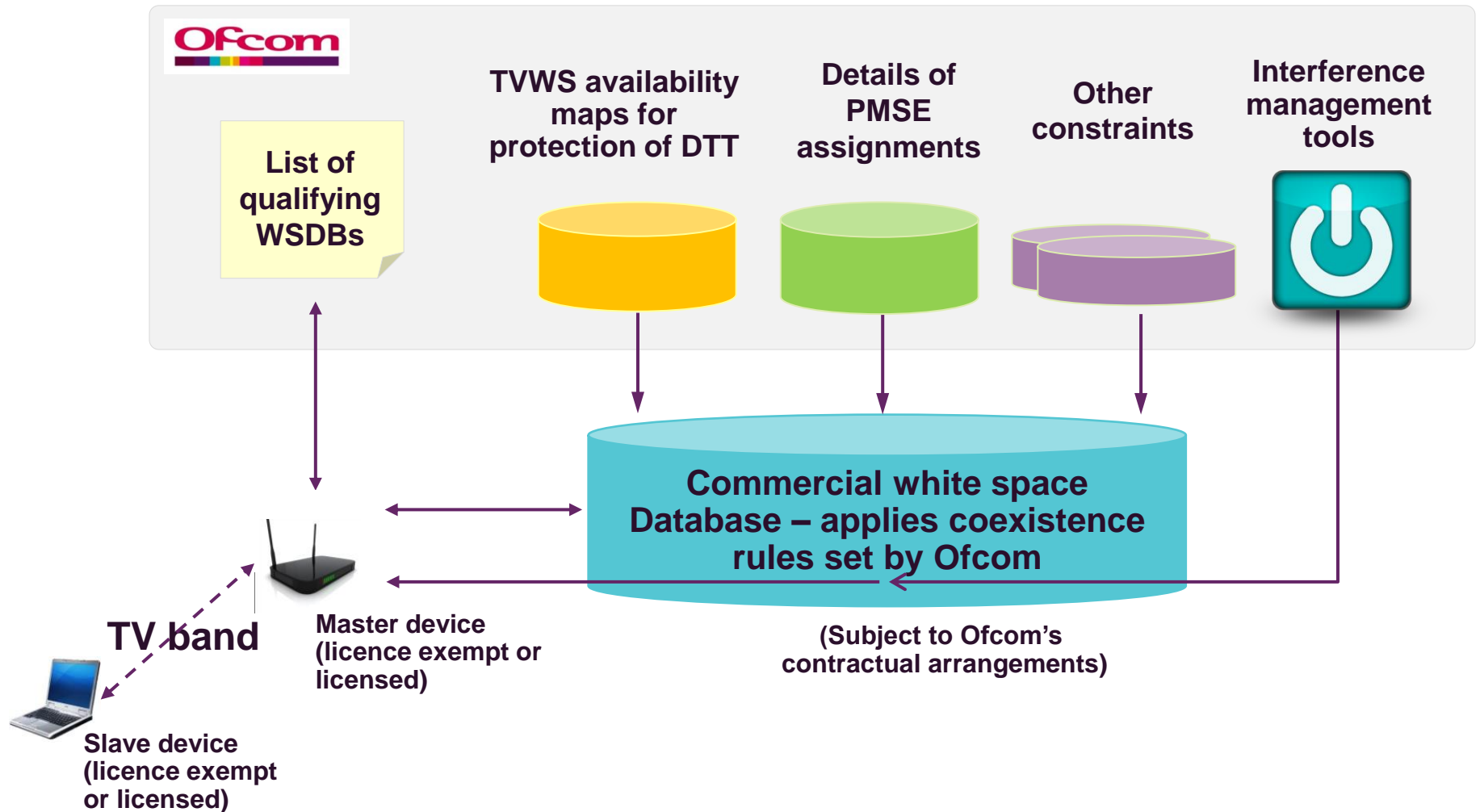
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Ofcom**

Where we are

- The TVWS pilot is ongoing but winding down, and no new applications are being accepted
- We are now focusing our work on making preparations for implementation of the TVWS framework by the end of this year
- We published our Policy Statement on 12 February
- The Statement confirmed our decision to allow use of TV White Spaces on a licence exempt basis
- The coexistence rules outlined in the Statement are somewhat stricter than those initially proposed in our 2013 consultation, in order to ensure a low probability of harmful interference to existing users

Recap on TVWS Framework



TVWS pilot overview

MEDIATEK

Ofcom

KTS

Wireless



Product Vision

ADAPTRUM

SONY



Glasgow
External WiFi and
webcam backhaul

iconectiv



CARLSON



nominet

Google

Watford
Digital Signage

Microsoft



Oxford
Research and
development

London:
Audio/Visual
distribution

EURECOM
Sophia Antipolis

NICT

Oxford
Community sensor network
(flood detection)

Isle of Wight
Land – private boat
broadband

London
Research and development

London
Research and development

Shepperton
Digital signage

neul

SPECTRUM
BRIDGE

Key findings from the pilot

- White space database contracting and qualification has worked successfully – eight WSDBs successfully completed a rigorous testing programme to qualify for the pilot
- Trials successfully tested a range of devices with a number of databases, for a range of different use cases
- Some further development of devices needed to bring them in line with the framework – although some are likely to continue to need manual configuration
- Coexistence testing – the extensive programme of testing gave us a solid evidence base to support the coexistence criteria described in the Statement

Manually configurable devices consultation

- During the pilot, all of the devices required some form of manual configuration
- We consulted in February on proposals to allow manually configurable devices (MCWSDs) on a licensed basis as a transitional arrangement
- We also proposed to review whether the licensing regime is still required after three years
- The consultation closed on April 24 – a Statement setting out our decision is planned for later in the summer

TV white spaces - next steps





In the short-term:

- Implement the licence exemption regime
- Contract with and qualify database providers
- If required, put licensing regime in place
- Put in place IS infrastructure for the data exchange between Ofcom and databases

In the longer-term:

- Refinement of the model and calculations
- Overarching review, possibly 18 months after initial launch
- Consider potential additions to the framework

Timeline for 2015

	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Policy Statement published											
Systems preparation											
White Space Database qualification											
Statutory Consultation on licence exemption											
Go live											