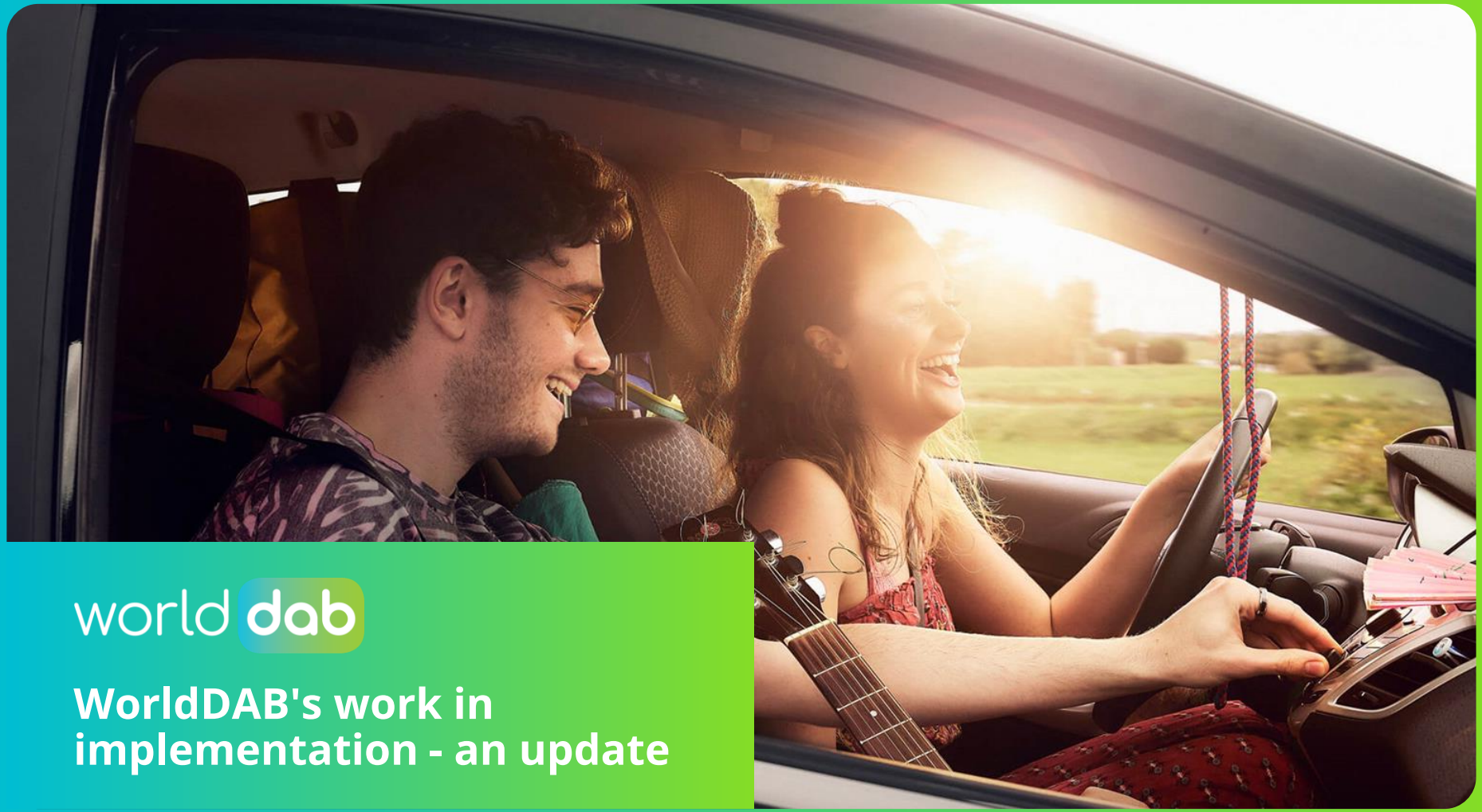


WorldDAB's work in implementation - an update

WorldDAB's work in implementation - an update

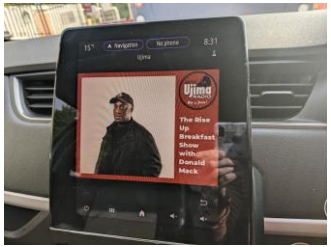
Nick Piggott
Project Director
RadioDNS

Gregor Pötzsch
Product Owner, Radio
CARIAD

From Standards to Implementations

Standards
Technical Committee

Implementations
Automotive Group



Guidelines help turn Standards into great Implementations

Standards

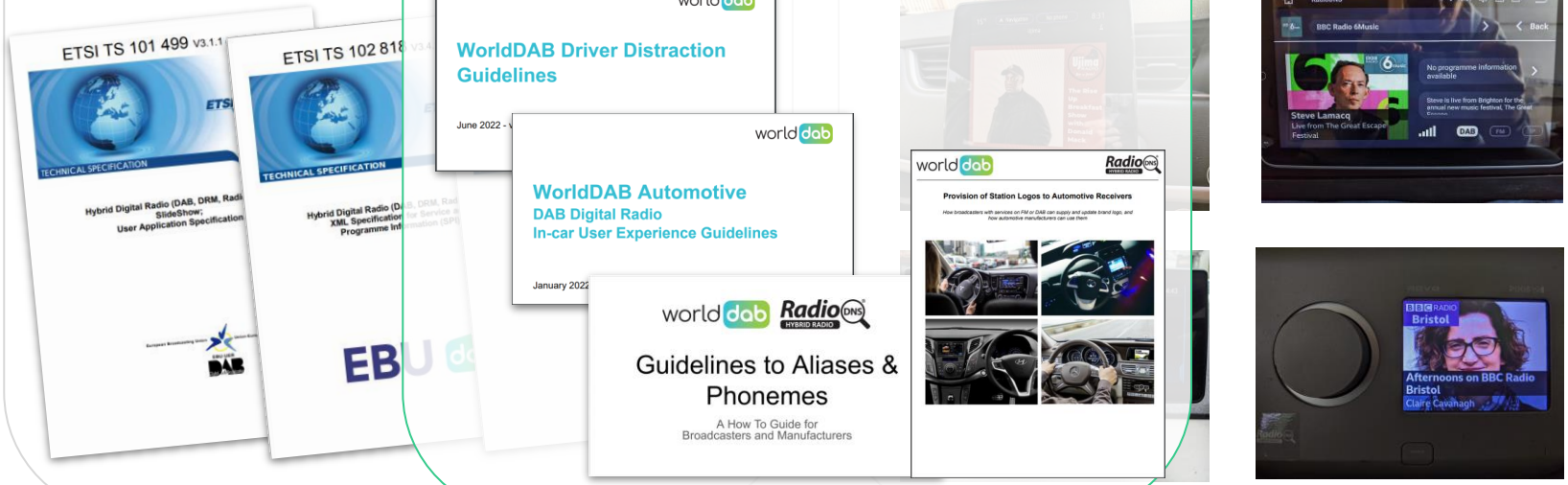
Technical Comm

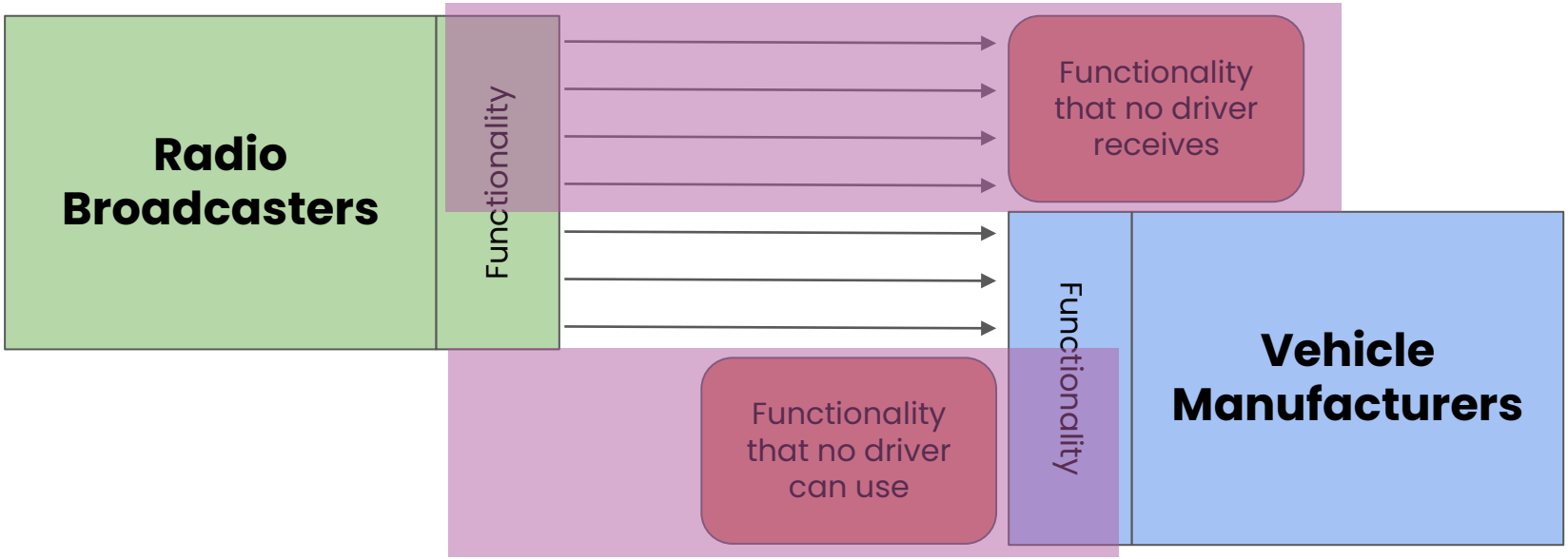
Guidelines

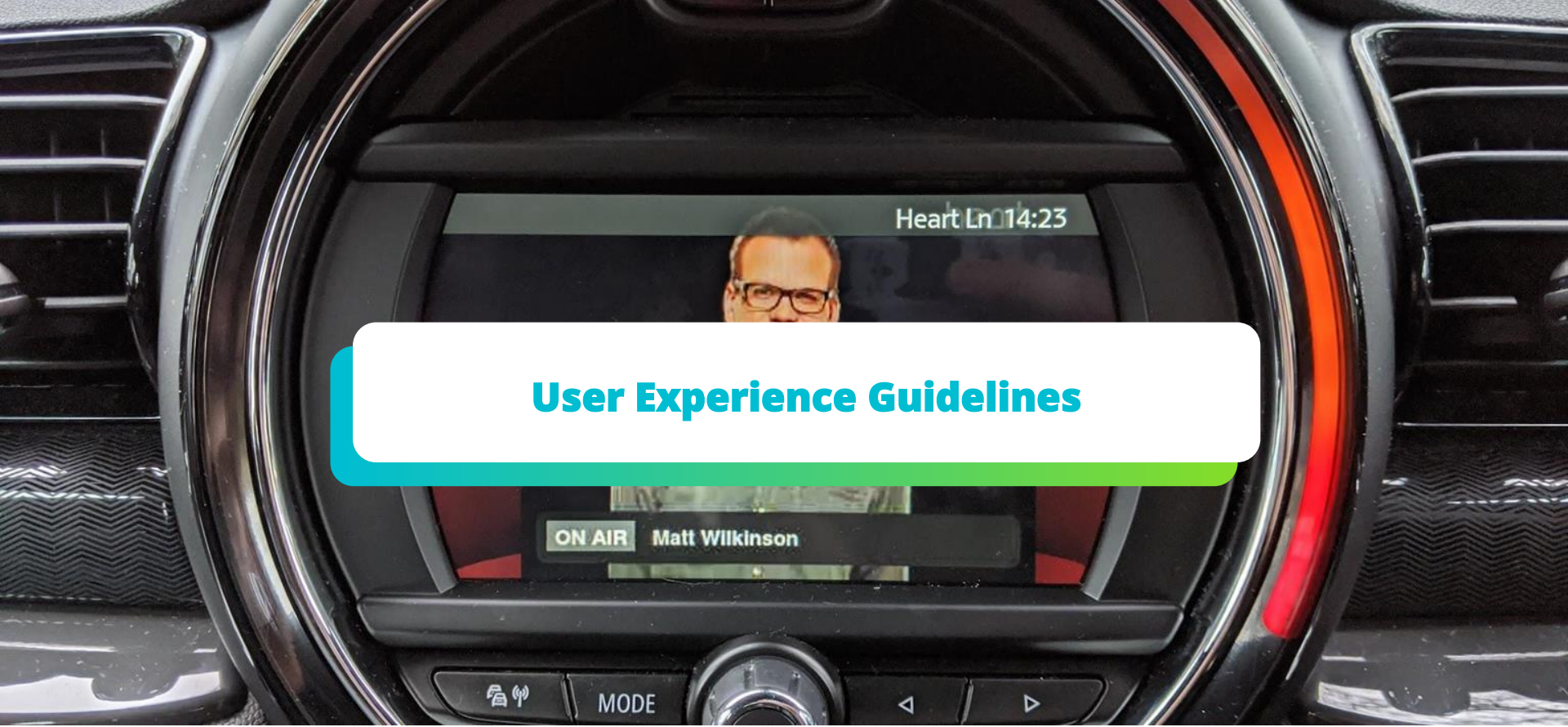
Automotive Group

Implementations

Automotive Group




Radio Broadcasters
Functionality
Functionality that no driver receives
Functionality that no driver can use
Functionality
Vehicle Manufacturers



User Experience Guidelines

How should radio be presented to drivers

Harmonised between **WorldDAB** and **NABA**

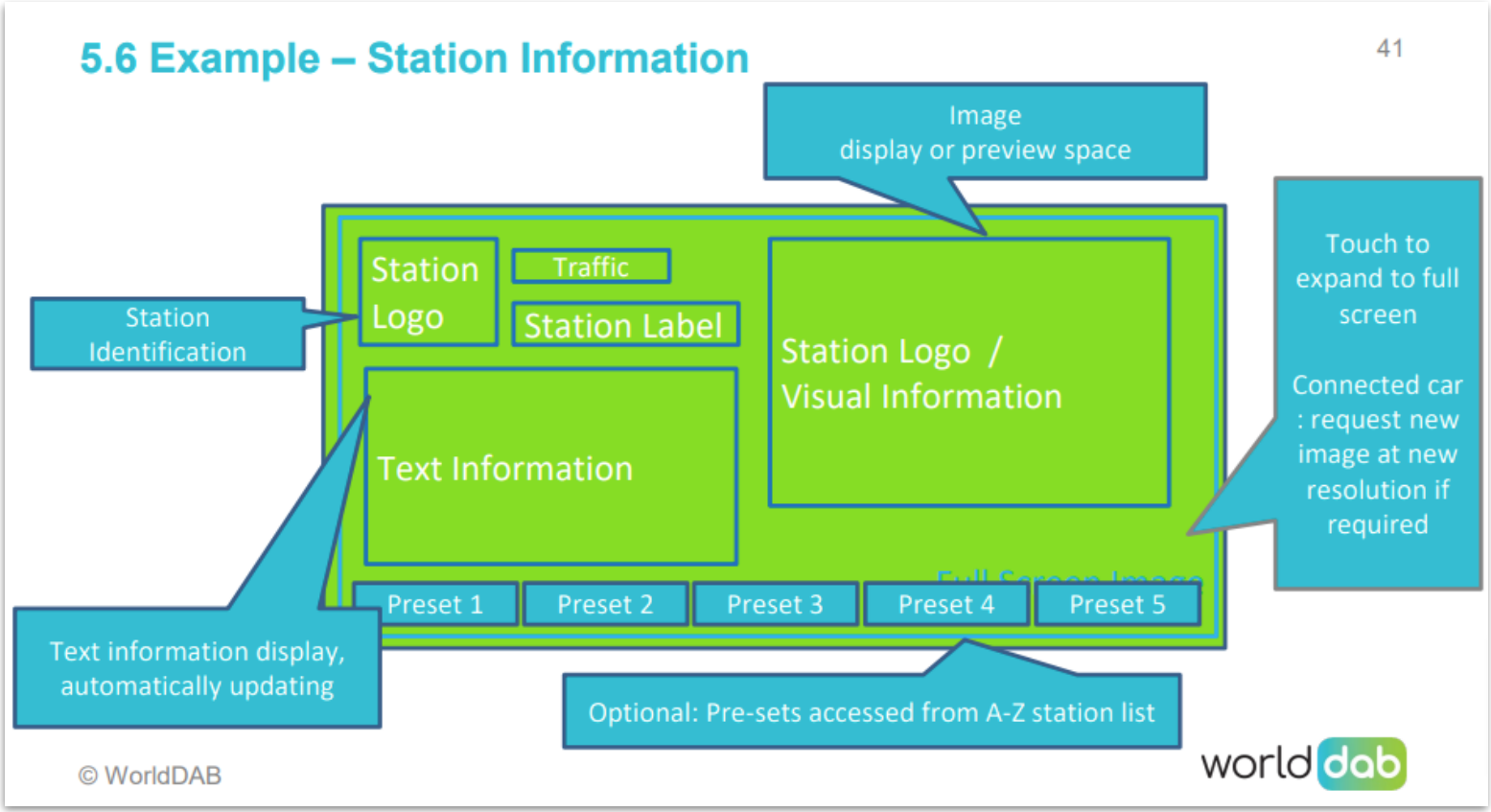
Expected **designs**, **behaviours** and **actions**

Integration with environments like **Apple Carplay** and **Android Auto**

How to implement **Hybrid Radio** standards

Support for **voice assistants**

Example layout wireframe



Driver Distraction Guidelines

In 1 second a car travels 15m at 50km/h

How to reduce distraction risks

How to surface more information to the driver **without distraction**

How broadcasters should **author** content

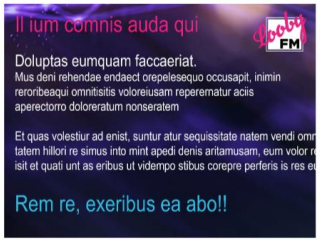
How manufacturers should **present** content

Establishing **common understanding**

Examples of Good and Bad Practice of Slide Show feature

Example Visuals

❌ Text size is not legible
❌ Too much text to read in 1 second
❌ Background is very busy

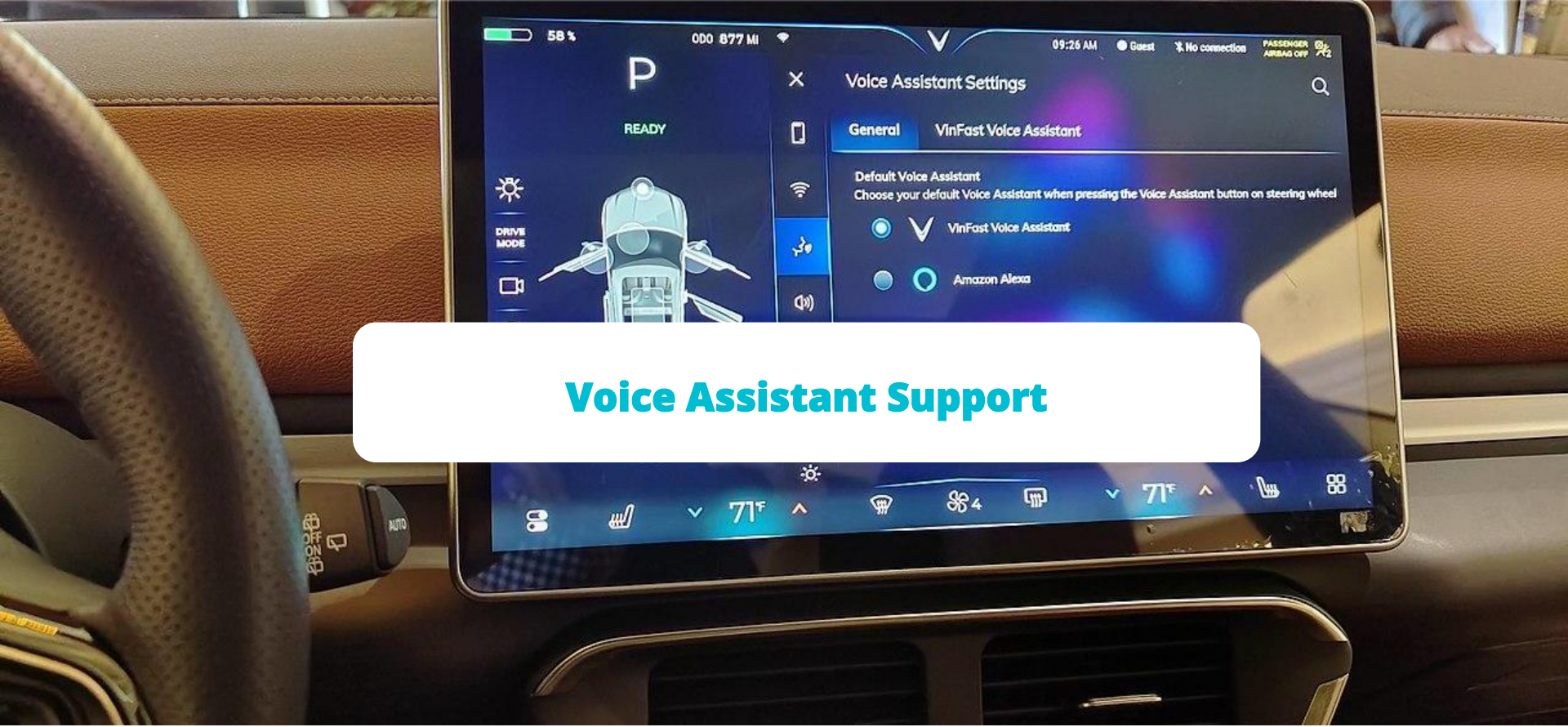


❌ Text positioning is poor (overflows)
❌ Too much text to read in 1 second

Example Visuals

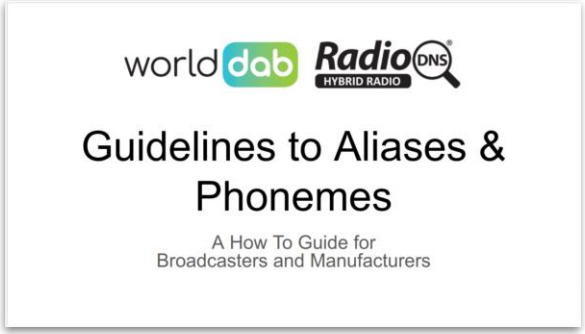
✅ Text is legible
✅ Artist photo is clear / good quality
✅ Everything can be understood in 1 second

✅ Text is legible
✅ Album art is clear / good quality
✅ Everything can be understood in 1 second



Voice Assistant Support

Voice Assistant Support

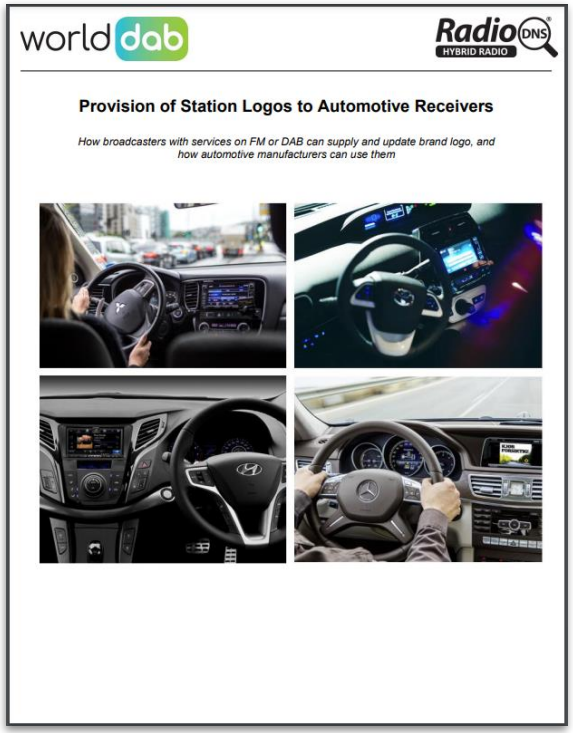


How radio stations should provide specific metadata to improve **Voice Assistant** functionality

How OEMs should optimise Voice Assistant behaviour for **radio stations**

Radio Station Logos

Correctly using Radio Station Logos



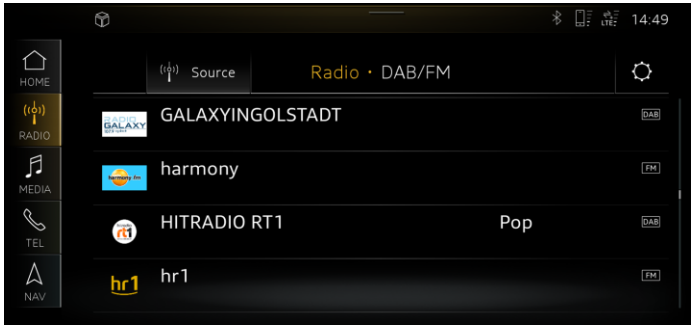
How to author, source and use radio station logos

Guidance for broadcasters and OEMs

Using logos incorrectly is a major concern for broadcasters

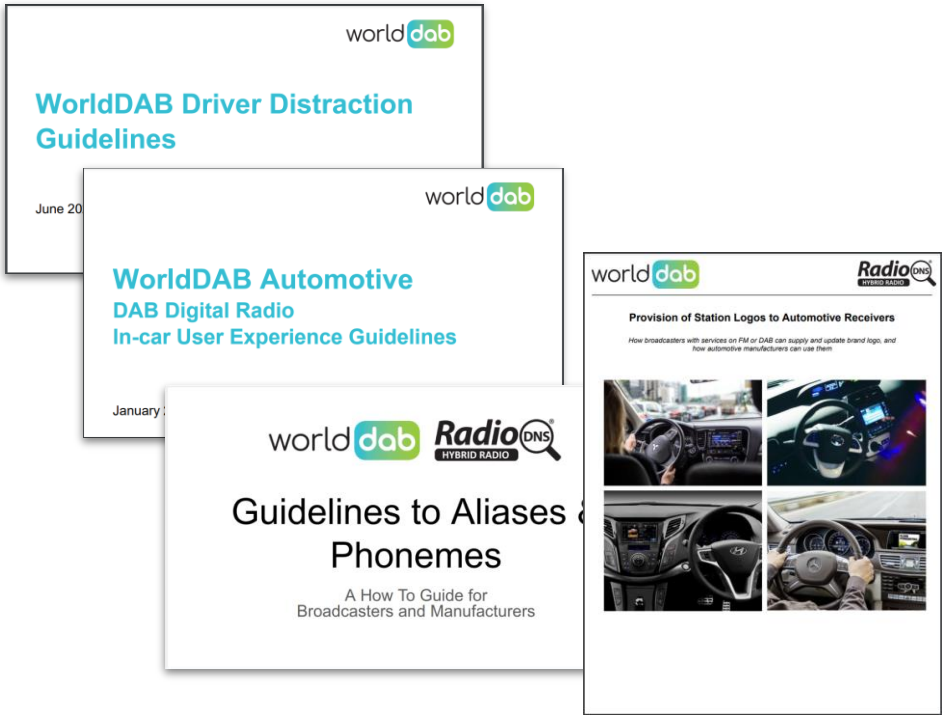
OEMs should review how their handling logos now and change if it's not compliant

Radio Station logos are easy to acquire officially



Various sizes and aspect ratios available - **use the one that fits best**

Summary



Guidelines help turn detailed standards into great implementations

Please refer to them, and make sure your teams know about them as a key reference