

### **Connected vs Broadcast**

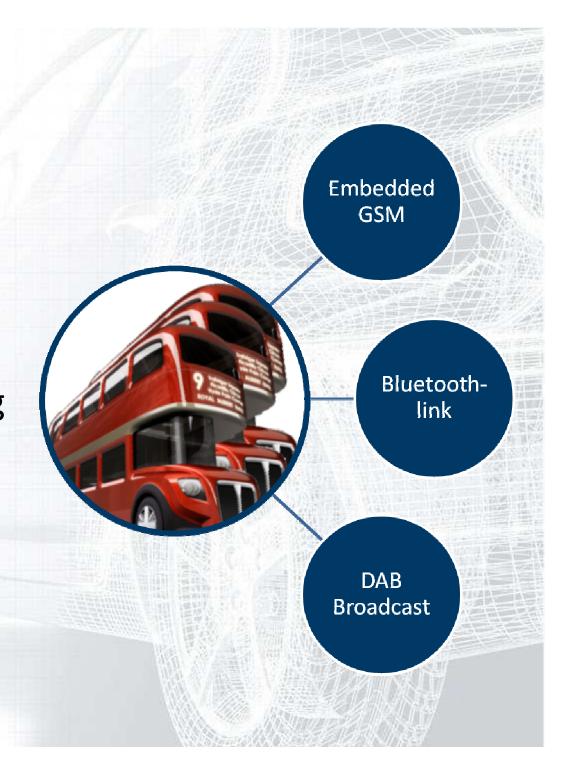
WorldDMB Car Manufacturers
Workshop

Andrew Hart
Senior Telematics & ITS Specialist
27th May, 2009



### Communication

with the car is becoming more viable





#### **Option 1: Embedded GSM**

# Necessary for **car-centric** services...



...But expensive for

driver information

services



#### **Option 2: Bluetooth link**

**Low-cost** solution for 2-way connectivity...



...But **inconvenient** for certain types of services



#### **Option 3: DAB broadcast**

# **Cost-efficient** delivery channel for information services...



...But still no

pan-European coverage



In the end, it will be a **mixture of approaches** that will be used for different services on different vehicles



# TPEG could be a key part of ensuring success for DAB in the car

But...









What else does the automotive industry need from broadcasters in order to adopt DAB on a mass-market scale?





Independent testing &

benchmarking

Strategic

business

planning

**About SBD** 

Technical research

End customer surveys & analysis

SBD

Program management and product development

Market intelligence

andrewhart@sbd.co.uk www.sbd.co.uk

Know what tomorrow brings...