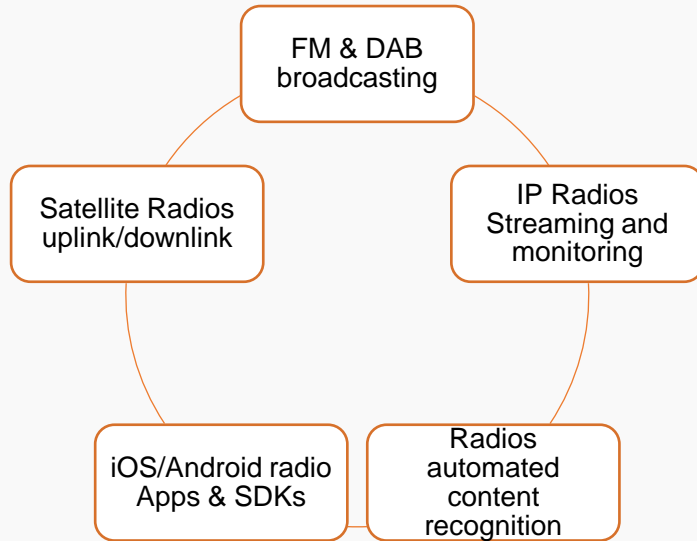


Our Radio & Automotive Experience



has more than 40 years of experience and strong expertise in every aspects of radio broadcasting networks and technologies:



Active member in multiple bodies



is a European leader in telematics solutions for the Automotive industry

✓ 20 years of Expertise

Specialists in Traffic and Mobility Services since 1996

✓ High Technology

Experts in RDS-TMC, DAB-TPEG and Connected services

✓ Already Trusted

By major automotive OEMs

✓ European Services

In France, Germany, Finland, Sweden, Norway, Denmark, Poland and more

✓ Multi-Service Provider

Real time traffic information, Weather forecast, Parking, Fuel...

What is broadcast capable to offer?

Why is there still room for broadcast when there are online services everywhere?



Broadcast is robust, reliable and available for masses



Broadcast services come for lifetime of the car / receiver



Radio is simple to use



There is no privacy issue with unidirectional services



In several markets the coverage of DAB is much better than for mobile network

Advantages of Connected service



Benefits



Customizable content



Growing network coverage



Rich and scalable content



Controlled Quality

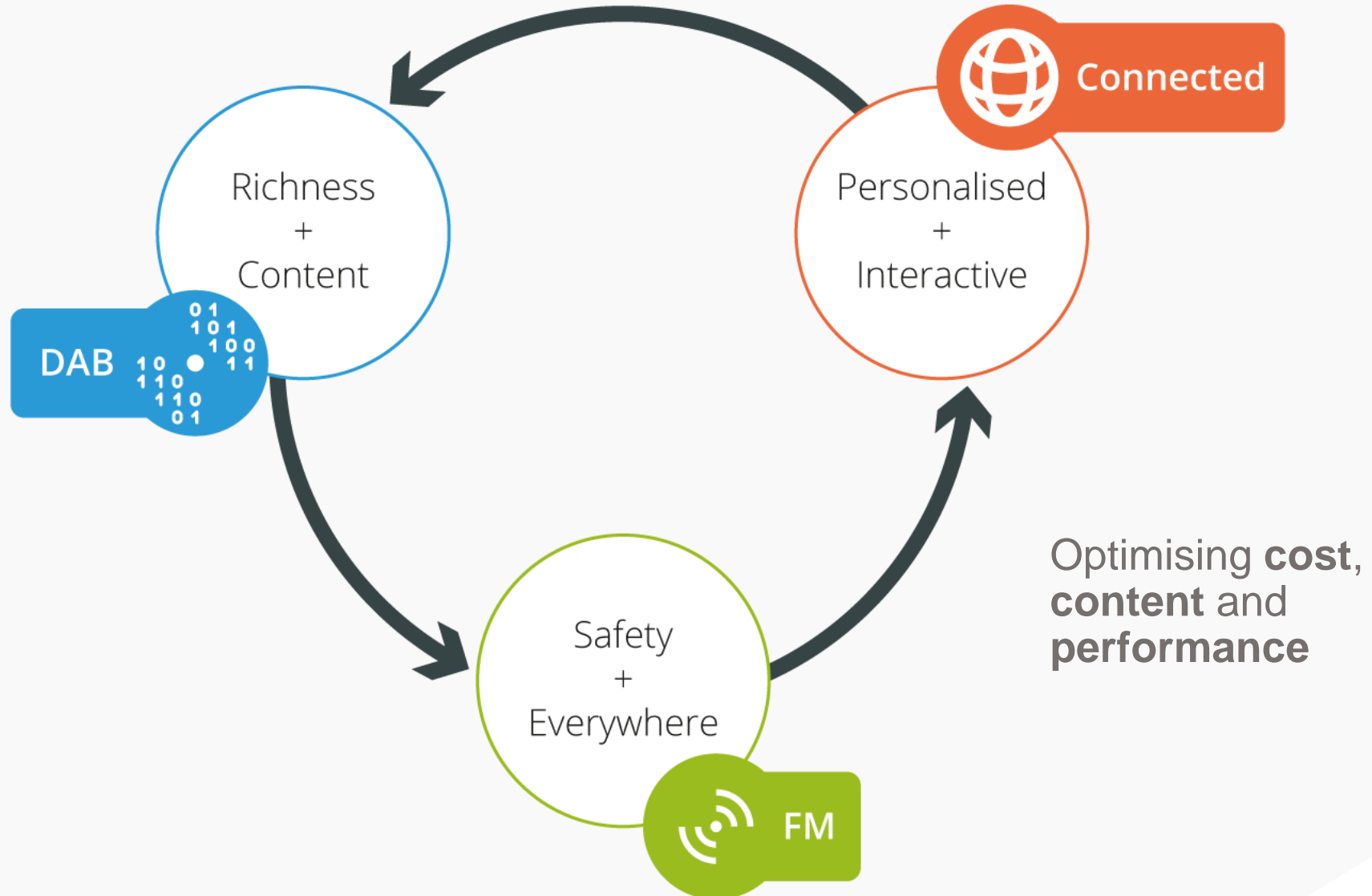


Premium accuracy



Platform approach,
combinable with additional
other features and functions
(e.g. Apps)

V-Traffic – now bringing technologies together



Radiobridge Status



Radiobridge is a managed hybrid platform leveraging on FM/DAB Broadcast & IP streaming complementarities to enrich in-car radio listening customer experience & satisfaction

Two use cases currently addressed



- Audio bearer seamless switch
- Live program stop & resume
- ... more will come

Test platform for Europe & demonstrators available



- API, SDK & Guidelines for In-Vehicle Infotainment

ALPINE Driving Mobile Media Innovation

vtraffic tdf

Radio2Day	89.00 MHz	Bayern 1
Bayern 1	91.30 MHz	FM - Paused
NRJ	93.30 MHz	FM-Frequency: 91.30 MHz
Bayern 3	97.30 MHz	URL: http://br-mp3-bayern1obb-m.akacast.akamaistream.net/7/273/142690/v1/gnl.akacast.akamaistrea...
DLF	101.70 MHz	Delay between FM and IP: 0.009 s
Klassik Radio	107.20 MHz	Current Time: 06:19:28

TDF: Request Station Information for Bayern 1 (DE0/D311)
TDF: TDF: Station Information got successfully

IP-Radio [Play] Live

RADIOBRIDGE HYBRID AUDIO SWITCH SOLUTION

Europe 1	FM
France Culture	FM
France Info	FM
France Inter	FM

Program bearer seamless switch demo by TDF

Current program
France Culture

Bearer selection
IP FM DAB

Synced ON