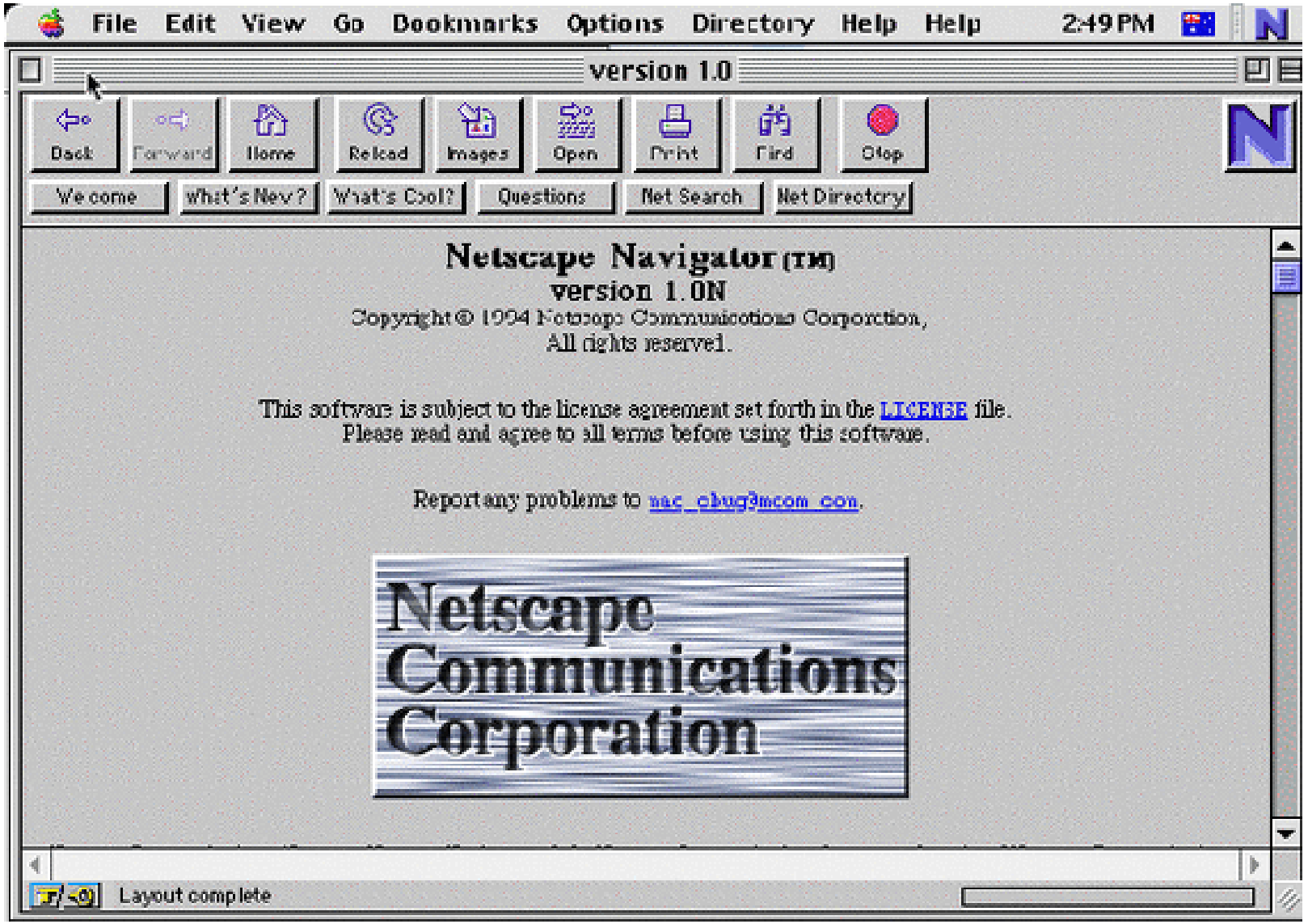
DAB IN THE DIGITAL PANTHEON

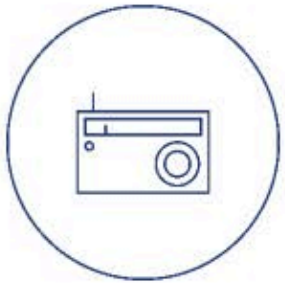
Graham Dixon
Head of Radio
European Broadcasting Union

SEPTEMBER 2018

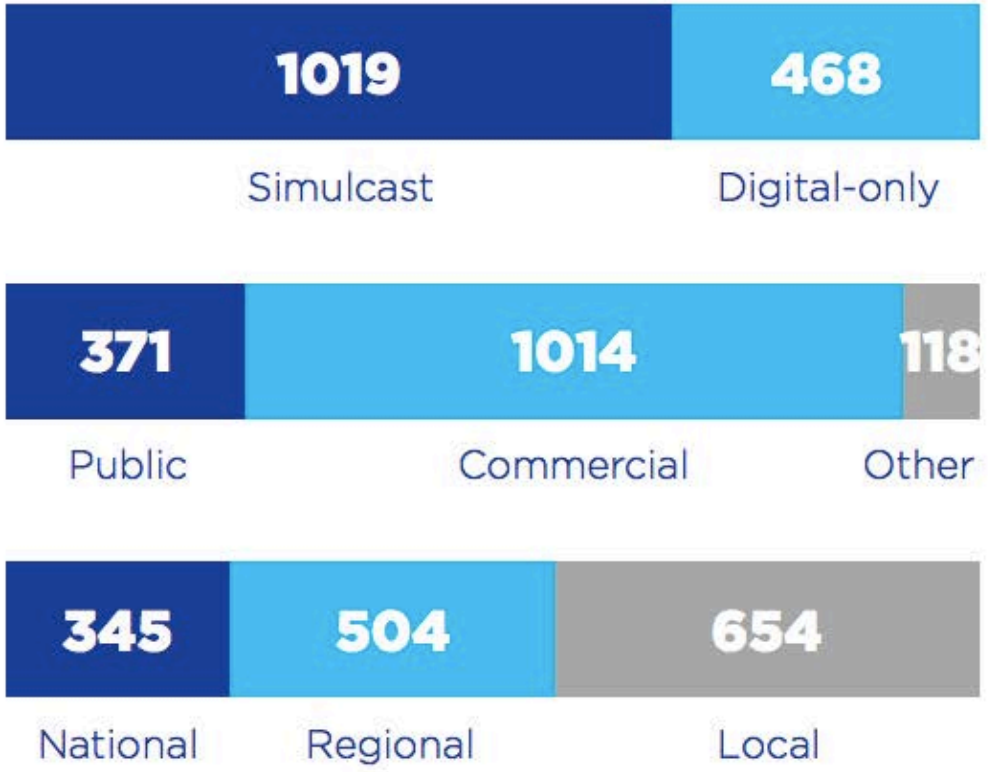
THE INTERNET



DAB EXPANSION: EBU AREA



1503
digital stations



+23.7% **in one year**

EBU

EBU Media Intelligence Service, Digital Radio 2018

amazon

amazon

12:45
Abendessen mit Emma

13°
Guten Morgen!
Es ist 6:30 Uhr

7:32
Alexa
Ford

EBU

EBU

EBU

LG

7:32
Alexa
Ford

LG

SONY
DAB
Sony DAB Radio
Now Playing: Pop Song
SLEEP 11:30
MENU
DAB/FM
ENTER
BACK
AUTO TUNE

7:32
Alexa
Ford

SPLIT CORE PROCESS AND ACTIVATION…

SPLIT CORE PROCESS AND ACTIVATION…

Let’s discuss effective tools for delivering radio…

EBU

SPLIT CORE PROCESS AND ACTIVATION…

Let’s discuss effective tools for delivering radio…

CONDITIONS:

- Free-to-air
- Robust
- Resilient to hacking

EBU

SWITZERLAND, AUGUST 2018

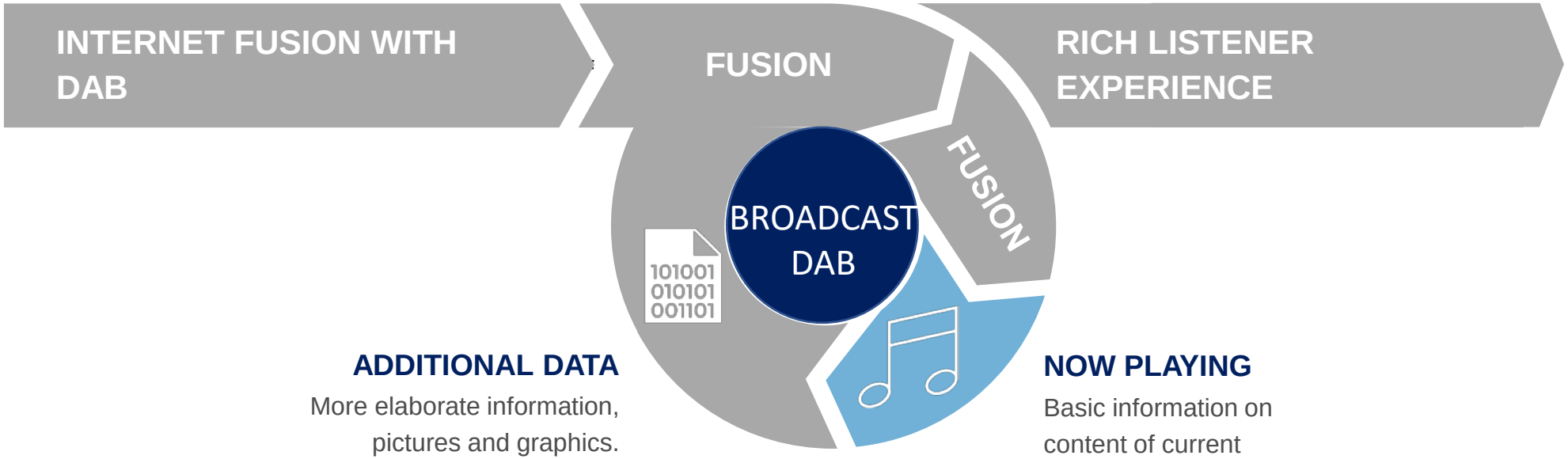
BUT EVEN WHEN WEATHER IS NORMAL…

Proposal for a Directive of the European Parliament and of the Council establishing the European Electronic Communications Code, Annex X: Interoperability of Car Radio and Consumer Digital Television Equipment

FUNCTIONALITY INTEROPERABILITY FOR CAR RADIO EQUIPMENT: Any radio equipment integrated in a new vehicle of category M which is put on the market for sale or rent in the Union from [20XX] shall comprise a receiver capable of receiving and reproducing at least radio services provided via digital terrestrial radio broadcasting.

EBU

HYBRID SUPPORTS CORE RADIO PROPOSITION…



ADDITIONAL DATA

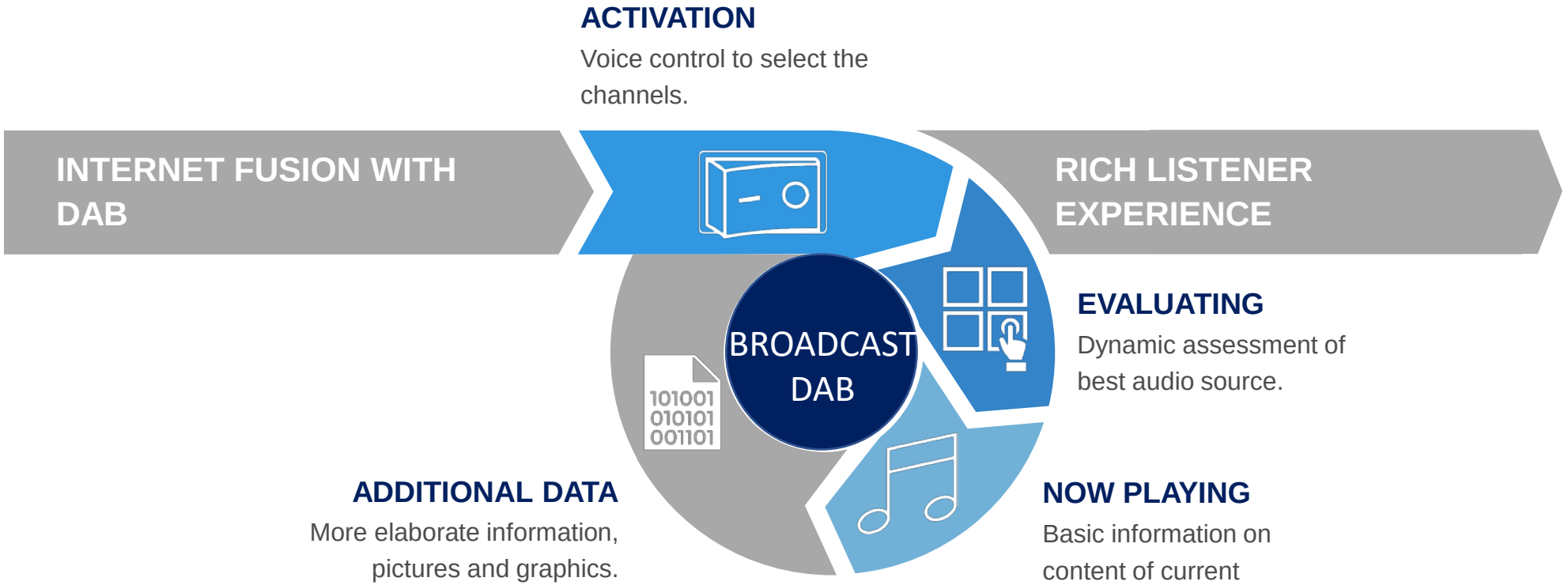
More elaborate information, pictures and graphics.

NOW PLAYING

Basic information on content of current programme.

EBU

HYBRID SUPPORTS CORE RADIO PROPOSITION…



EBU

Works with
Apple CarPlay
androidauto
Google Assistant

Wireless Speaker
Works with Alexa

DiscovR
Pure
Wireless Speakers
Alexa Built-in

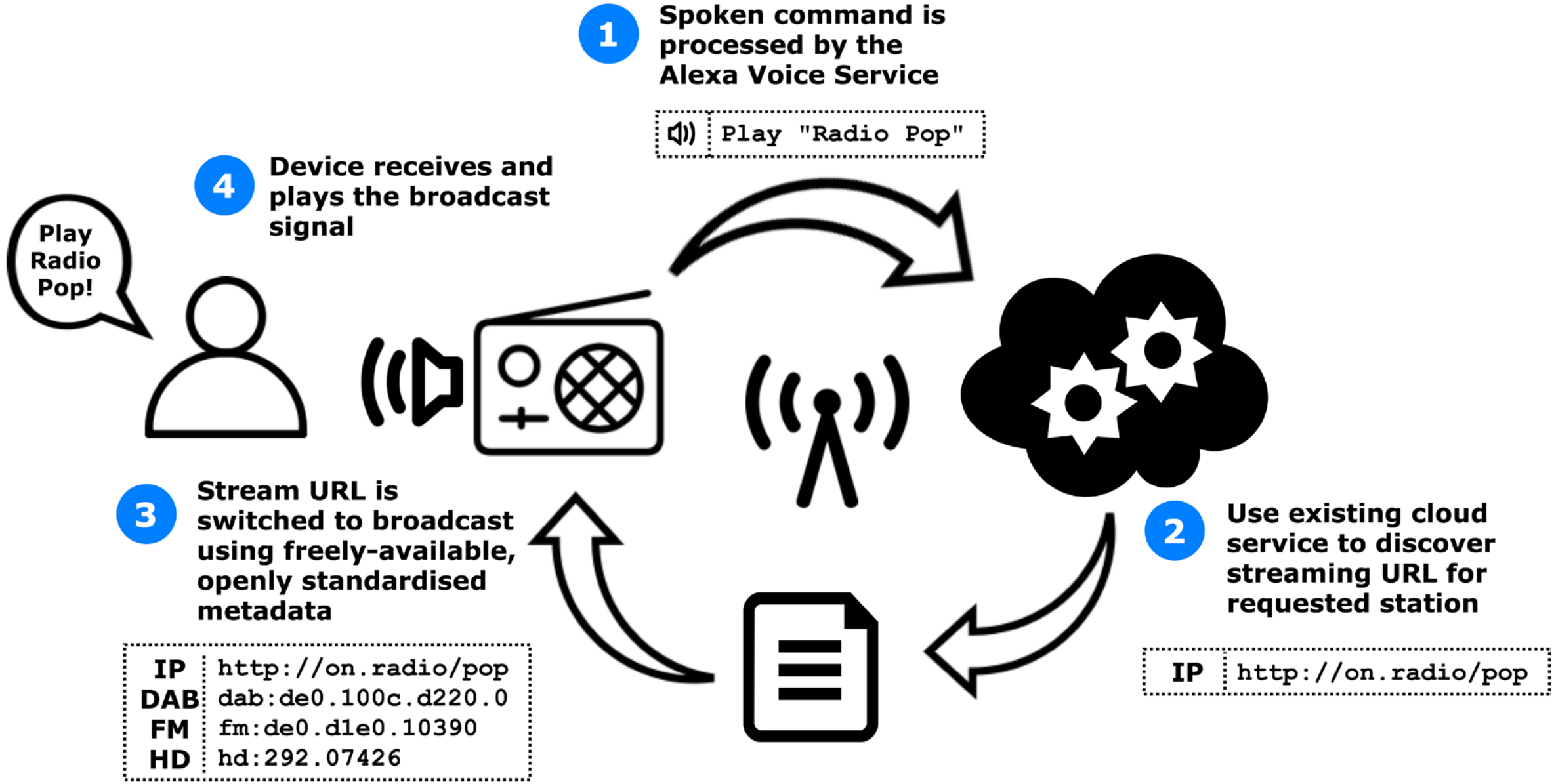
DIGITRADIO 581
TechniSat
02:03
01-01-2018
MODE
MENU
PRESET
BACK

ROBERTS
iStream3

“Alexa, play Radio Pop”

EBU

PILOT™
NAVIGATING BROADCASTING'S FUTURE


1
Spoken command is processed by the Alexa Voice Service
Play "Radio Pop"
4
Device receives and plays the broadcast signal
Play Radio Pop!
3
Stream URL is switched to broadcast using freely-available, openly standardised metadata
IP http://on.radio/pop
DAB dab:de0.100c.d220.0
FM fm:de0.d1e0.10390
HD hd:292.07426
2
Use existing cloud service to discover streaming URL for requested station
IP http://on.radio/pop

DIGITAL RADIO IN A MIXED ECONOMY

Graham Dixon
Head of Radio
European Broadcasting Union

SEPTEMBER 2018