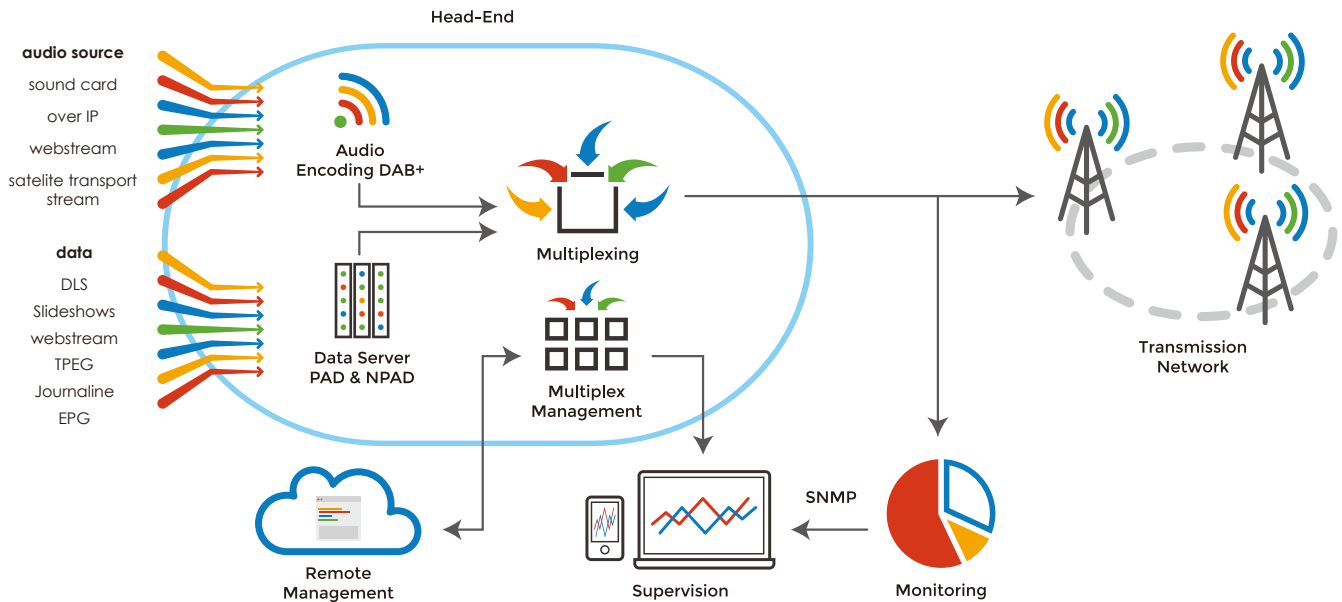


DAB+ Broadcast System



Flexible DAB+ Encoding and Multiplexing Suite

ENMUXA is the most **versatile** broadcasting software for digital radio distribution on the market. Comprising of encoders, multiplexing and system management, ENMUXA is designed to incorporate a wide range of audio and data input options, all adhering to the **latest broadcasting standards**. The software led approach allows complete flexibility in installation including premise-based deployment, virtualisation on server and the cloud. Utilising over 20 years' experience in **worldwide digital broadcasting** systems, our highly trained **DAB+ experts** will work closely with you to deliver a cost effective, reliable and easily managed system.

HIGHLIGHTS

INTUITIVE WEB-BASED INTERFACE

EASILY SCALABLE

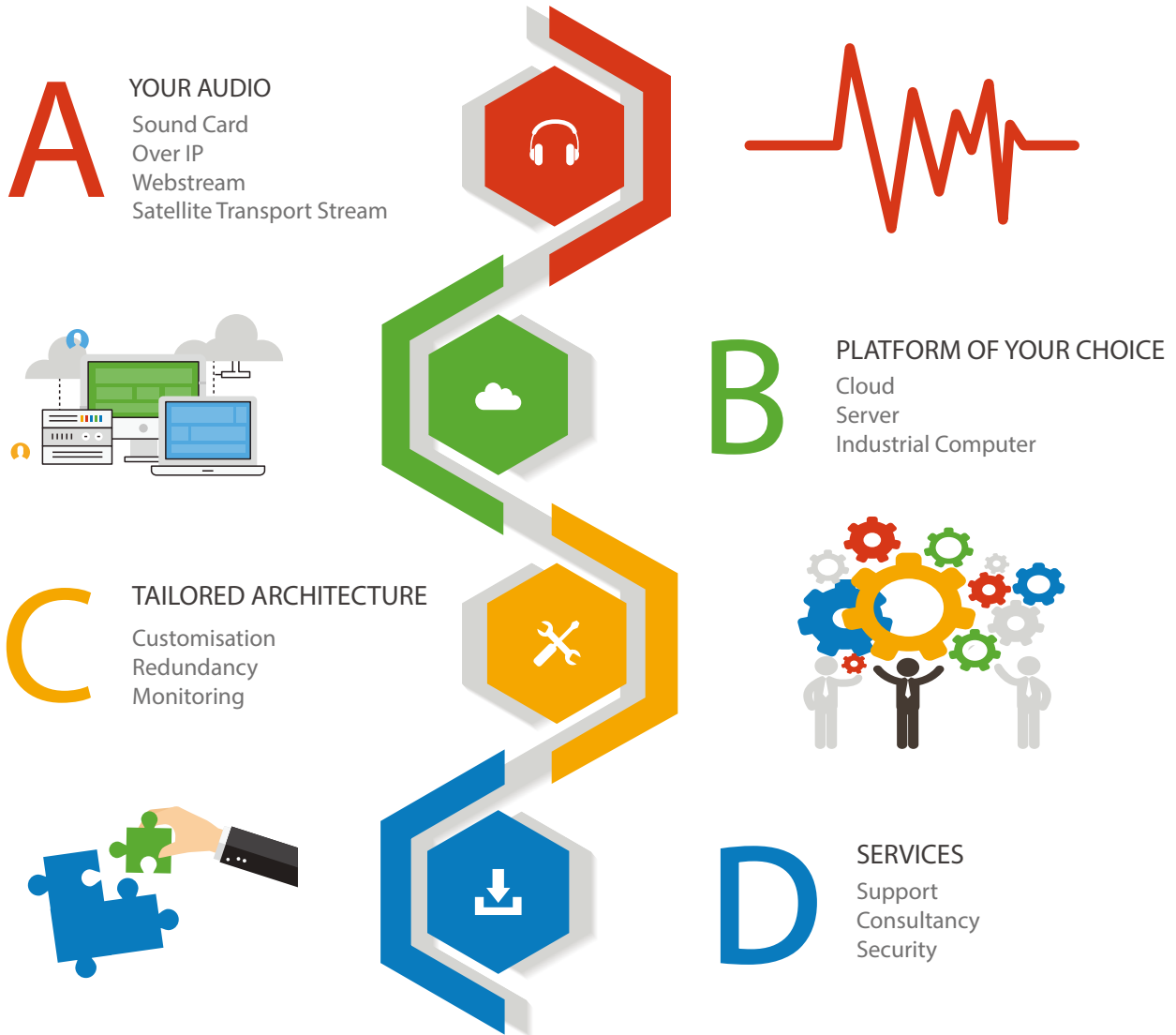
INDUSTRY PROVEN RELIABILITY

20 YEARS OF EXPERTISE

FLEXIBLE IN DEPLOYMENT

INSTANT ACCESS VIA WEB-BROWSER

Designing your DAB+ network...



Adaptability is Key

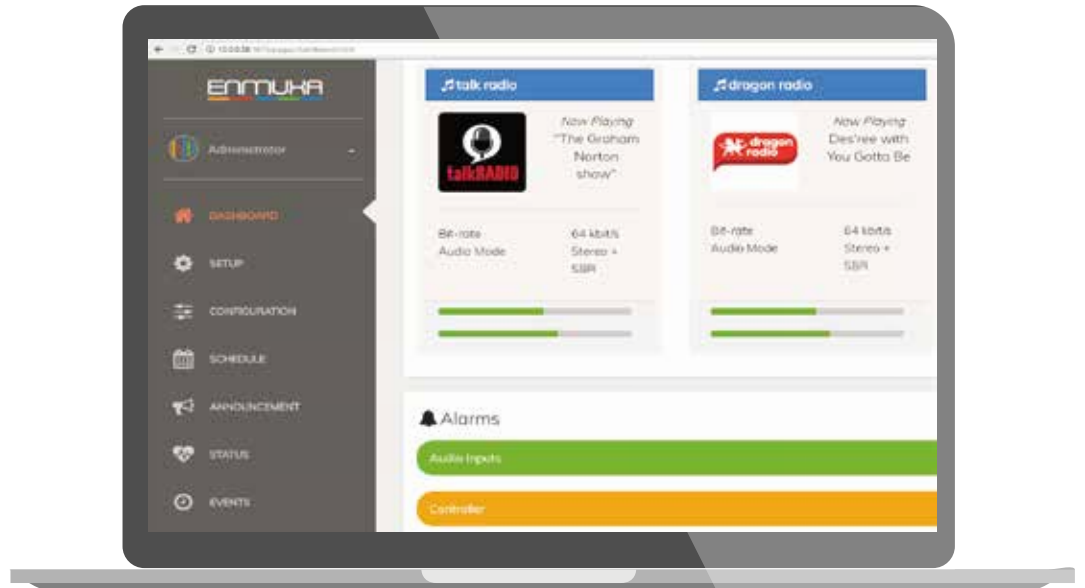
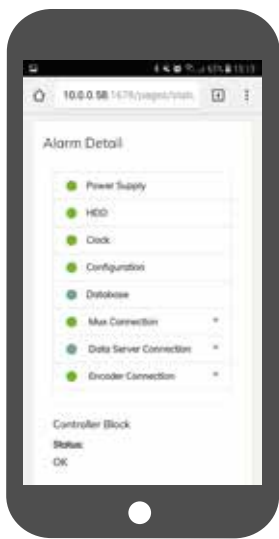
We understand that each broadcast network is different – we will work closely with you, through thorough consultation to design a broadcast network from the ground up (or adapt within current infrastructure) a broadcast system that excels in the demanding environment of modern broadcast radio. The power of ENMUXA lies in its adaptability; just some of the options available are:

- Software packages built for any scale or budget
- A complete range of audio input options
- Your choice of deployment architecture
- Support and maintenance plans created to suit you

Instant Access via your Web Browser...



ENMUXA features a brand new, browser based user interface built on the industry leading broadcast system currently serving millions of listeners world-wide. The contemporary style makes network management an easy and efficient process. Accessible via tablet and phone, ENMUXA provides everything you need to manage, supervise and control your broadcast ensembles wherever you are.



...on your Computer and Mobile Device!



Factum Radioscope presence around the world

World Class Engineering

Digital broadcasting is a challenging and evolving industry. As a long standing stakeholder, we have been actively contributing to both the market and technical development of DAB+ worldwide. Factum Radioscope have been responsible for many industry firsts, from deploying the world's first commercial digital radio services to providing localised content in national broadcasts, to most recently designing and implementing a satellite input, cable distribution system for DAB+ broadcast to over 1.5m subscribers.

TECHNICAL SPECIFICATIONS

	Audio	Data
input	AES3 - AES/EBU and Analogue	DLS/DL+
	AES67 - Ravenna, Livewire, Dante, Wheatstone	SLS
	Web-streams - AAC, MP3, Icecast, SHOUTcast	EPG
	Transport stream - MPEG2-TS from DVB-S/S2	TPEG
	File playback - Wav and MP3 files with auto-sequencing	Journaline

encoding

DAB+/DAB - up to 64 encoders per system
 Mono/Mono+SBR/Stereo+SBR/Parametric Stereo+SBR/5.1 Surround
 All EN300 401 defined bit rates

multiplexing

EDI - Up to 4 outputs
ETI - Up to 2 outputs (via RSW100)
 Service multiplexing via STI-D/STI-C

Adaptive input/output management:
 Automatic failover of inputs according to priority
 Output manager selects best possible output across 1+1 system

operating environment

Cloud / Virtual deployment on Server / 1U Hardware
 Windows 7 and 10
 Windows Server 2012 R2 / 2016
 Sound card and Virtual Soundcard with ASIO driver
 Hyper-V, VMware, Virtualbox
 Reference via NTP
 SNMP Status & Alarms
 Two APIs available for control & data input