

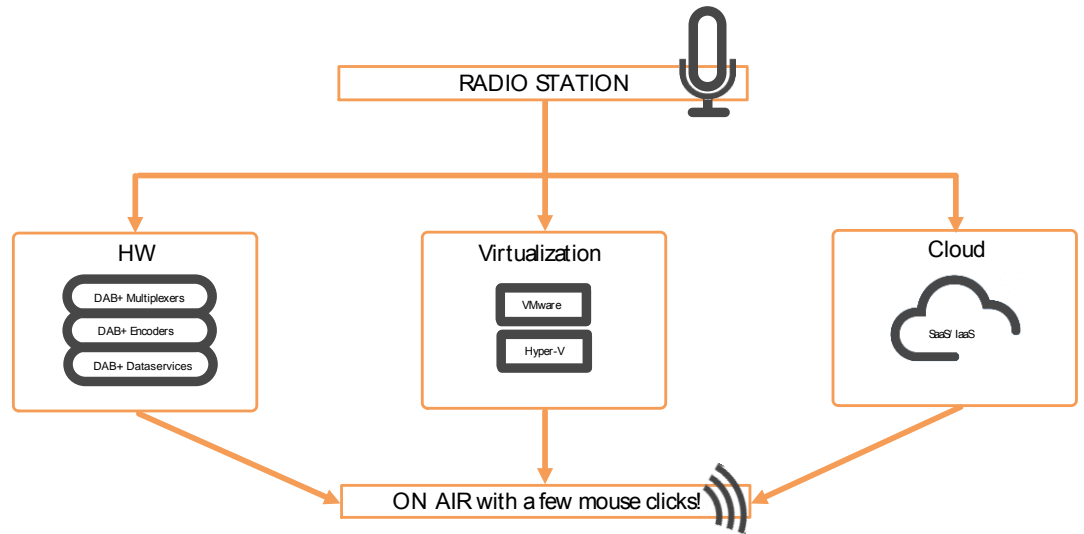


Factum DAB System principles

- Multiplexer
- Datserver
- Management
- Encoders
- Monitoring

FEATURES:

- A fully featured DAB/DAB+/DMB multiplexer in 1U only, virtual or in the cloud
- Low maintenance and high reliability, using dual discs in RAID1 mirror and low temperature mechanical design
- Real-time monitoring
- Hardware status monitoring
- Compact low weight 1U design
- Front panel display for on scene status monitoring and fully integrated in the Factum Head-end system with full status control
- Supports IP transport of both STI and ETI (EDI) or our superior FEP (Factum Encapsulate Protocol) suitable for public interfaces as Internet
- No need for KVM solutions, built in KVM solution using AMT, Intel Advanced Management Technology



Factum virtualization options.

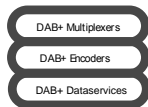
To meet the increasing demand for more efficient and cost effective broadcast solutions, Factum has added virtualization options for the DAB broadcast solution.

As a result the following options are now available:



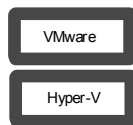
RADIOSTATION

Radio stations with focus on audio and metadata content as scrolling text (DLS), slideshow pictures (SLS), Electronic Programme Guide (EPG) and much more. Together with our partner All In Media we can also deliver a complete production system for all kind of platforms.



DEDICATED HARDWARE

The DAB broadcast solution is delivered on a very integrated 1U IPC. The IPC includes hardware RAID, 3 Ethernet interface, quad core I5 and including Intel's "maintenance interface AMT" for full remote operation and control. This solution provides full hardware control, however it also means that the operator needs to provide rack space and a maintenance plan for the equipment.



VIRTUALIZATION

As a new possibility, the operator may use an in-house virtual environment for operating the DAB broadcast solution. This means lowered hardware cost, less rack space needed as well as re-using of existing maintenance plans. The Factum broadcast solution has been tested on both VMWare and HyperV.



THE CLOUD

Factum offers DAB broadcast solution as SaaS (Software as a Service). In this option the radiostation provides audio over IP connectivity or even Internet radio feeds can be used. Factum then provides hosting and operation of the broadcast services and provides the EDI multiplex as a feedback to the transmitter network. Factum can also host and manage equipment in several different levels, including manage infrastructure IaaS (Infrastructure as a Service)

FACTUM ELECTRONICS

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Factum offers a wide range of standard system components and customized solutions for signal encoding, decoding and processing. We use state-of-the-art technology and principles, many of which emanate from years of research in close co-operation with our specialist and expert users representing well renowned broadcasting corporations. Today, Factum contributes to the development of digital audio and data broadcasting in more than 40 countries worldwide.



Factum DAB System principles

Technical Specifications



A Factum product comes with a range of benefits, superior state-of-the-art technical specifications as well as great warranty conditions.

In the range of DAB/DAB+/DMB equipment the products are always offered as a turnkey solution, ensuring that the complete system works well together.

CONNECT AND FORGET is our lead star!

TECHNICAL SUPPORT

HIGHEST UPTIME

TURNKEY SOLUTIONS

For more information on any of our products or services please visit us on the Web at:
www.factum.se

Technical details:

See respectively datasheet:

EMX100	DAB+ Multiplexer
EPC100	Management system
DBS100	Dataserver
MAP300E	DAB/DAB+ Encoder
RSW100	Redundancy Switch
DTC100	IP to G70x converter
RAPID	Data-content system

SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Guaranteed Warranty