![Fraunhofer IIS]

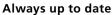# Fraunhofer ContentServer R8 Technology – The DAB and DRM Head-end

The Reliable All-in-one Solution to Get Your Radio Content On-Air

The Fraunhofer ContentServer™ R8 is a flexible and highly reliable professional broadcasting solution for DAB (Digital Audio Broadcasting) and DRM (Digital Radio Mondiale). It combines internal audio encoding, support for external audio encoders, data service management, and multiplex generation with powerful redundancy features. A user-friendly web interface enables configuration and system monitoring via remote access (ContentServer-as-a-Service).

www.iis.fraunhofer.de/dabcs

www.iis.fraunhofer.de/drmcs

Always up to date
Thanks to continuous development, the ContentServer technology provides broadcasters with the latest standard upgrades and improvements. The Fraunhofer DAB/DRM ContentServer R8 introduces:

- Convenient overview of the current on-air multiplex, including live content previews and source status
- Automatic loudness normalization and limiting,
- Input and output of DCP streams via SRT - Secure Reliable Transport
- A new Journaline encoder and XML documentation developed from ground up for streamlined content management
- Full support for all regional text profiles including Arabic right-to-left and bidirectional scripts
- Improved virtual machine compatibility and secure SFTP interfaces

The DAB ContentServer is the market-leader to implement full support for the new DAB+ standard ASA/EWS for advanced alert signaling, a part of EWFplus.
The DRM ContentServer supports advanced receiver testing and development

with an integrated MDI to IQ file converter (DRM Modulator).

Perfect match
The system meets any broadcaster's requirements - from local station to international network provider. Multiple versatile interfaces for audio and content provision allow straightforward integration into broadcasters' and network providers' environments.

The ContentServer Developer Edition makes possible a nearly complete feature coverage of the respective digital radio standards and the associated specifications, such as audio encoding and data services.
The ContentServer enables innovative network structures such as DAB xSTI-C, where centralized service multiplexers feed into regionalized DAB networks.

Keeps you on air – at all times
The ContentServer technology has earned a worldwide reputation for the highest reliability and quality. This is further enhanced by powerful redundancy features, which even includes redundancy groups across distant head-end locations.

Contact

Fraunhofer Institute for Integrated Circuits IIS

Management of the institute
Prof. Albert Heuberger (executive)
Prof. Bernhard Grill
Prof. Alexander Martin

Am Wolfsmantel 33
91058 Erlangen, Germany
Phone +49 9131 776-0
info@iis.fraunhofer.de

Alexander Zink
Chief Business
Development Manager
Digital Radio &
Broadcast Applications
cs-support@iis.fraunhofer.de

www.iis.fraunhofer.de/broadcast