



Press Release

Erlangen,
August 30, 2007

Fraunhofer DAB/DMB ContentServer™ R4 now available

Fraunhofer IIS presents the professional DAB/DMB broadcast solution at IFA Berlin and IBC Amsterdam.

Today, Fraunhofer Institute for Integrated Circuits IIS announces the availability of its professional encoder and broadcast solution Fraunhofer DAB/DMB ContentServer R4. The system will be demonstrated at IFA in hall 5.3, booth 15, and at IBC together with TRANS-RADIO SenderSysteme Berlin AG in hall 8, booth 8.528.

The Fraunhofer DAB/DMB ContentServer R4 brings DAB and DMB programs on air, consisting of high-quality audio, video, and multimedia services. The latest release R4 adds a new user interface and provides all the encoding and automation features required by DAB/DMB broadcasters.

The system combines three basic functionalities: The DAB Audio Server encodes audio streams in real-time, supporting MPEG Layer 2, DAB+, and DAB Surround. The DMB Gateway is designed to broadcast audio and video programs to mobile TV handsets and the DAB/DMB Multimedia DataServer provides data services such as DAB Dynamic Labels, NewsService Journaline, EPG (Electronic Programme Guide), MOT Broadcast Website, MOT Slideshow or IP Insertion.

Broadcasters will also benefit from the new system functionalities: This includes web-based remote administration featuring Fraunhofer's innovative in-place-editing technology and automation features like scheduled data service updates from standardized RSS information sources. More functionalities are announcement support, in-depth broadcast status reports, and others.

Fraunhofer Institute for Integrated Circuits IIS

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The Fraunhofer DAB/DMB ContentServer R4 is now available for licensing from Fraunhofer IIS. Full solutions including all required hardware components and extended customer support services can be obtained from Fraunhofer's cooperation partners, including AVT Audio Video Technologies GmbH (www.avt-nbg.de), BMT Bayerische Medien Technik GmbH (www.bmt-online.de), and TRANSRADIO SenderSysteme Berlin AG (www.tsb-ag.de).

For more information, please visit
<http://www.iis.fraunhofer.de/broadcast>

About Digital Broadcasting:

DAB: Digital Radio standard Eureka 147 using MPEG Audio Layer 2 as audio codec, DAB+ as additional audio codec, and DMB as mobile TV application.

DAB+: Digital Radio DAB using MPEG-4 HE-AAC v2 as audio codec.

DAB Surround: Digital Radio DAB in mono/stereo compatible 5.1 multi-channel sound (MPEG Surround on top of MPEG Layer 2 or MPEG-4 HE-AAC v2)

DMB: DAB based application for mobile TV.

EPG: Electronic programme guide integrated in digital broadcasting services

IP Insertion: DAB based transmission of Internet protocol data.

MOT: Multimedia Object Transfer Protocol for transmission of files and directory structures.

MOT Broadcast Website: DAB application for transmission of HTML pages, images, etc.

MOT Slideshow: DAB application for transmission of slides accompanying the audio programme.

NewsService Journaline: Data service for digital radio system for transmission of textual information.

RSS: Internet standard protocol for news syndication.

About Fraunhofer IIS:

Founded in 1985 the Fraunhofer Institute for Integrated Circuits IIS in Erlangen, today with 480 staff members, ranks first among the Fraunhofer Institutes concerning headcount and revenues. With the development of the audio coding method MP3, Fraunhofer IIS has reached worldwide recognition.

It provides research services on contract basis and technology licensing.

The research topics are: Audio and video source coding, multimedia realtime systems, digital radio broadcasting and digital cinema systems, integrated circuits and sensor systems, design automation, wireless, wired and optical networks, localization and navigation, imaging systems and nanofocus X-ray technology, high-speed cameras, medical sensor solutions and communications technology in transport and logistics.

The budget of 58 million Euro is mainly financed by projects from industry, the service sector and public authorities. Less than 20 percent of the budget is subsidized by federal and state funds.

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