



Press Release

Erlangen,
August 30, 2006

Fraunhofer IIS to introduce the professional DRM broadcast solution "Fraunhofer DRM ContentServer™ R4"

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IFA 2006, Berlin,
Hall 5.3, Booth 04

Erlangen, Germany – Today, Fraunhofer Institute for Integrated Circuits IIS has announced the immediate availability of its professional encoder and broadcast solution Fraunhofer DRM ContentServer™ R4 as well as the Fraunhofer DRM Developer Solution. The solutions will be demonstrated at IFA 2006 in hall 5.3, booth 04, and at IBC together with TRANSRADIO SenderSysteme Berlin AG in hall 8, stand 8251. Digital Radio Mondiale (DRM) is the new Digital Radio standard replacing the analog AM radio.

Fraunhofer DRM ContentServer™ R4

The Fraunhofer DRM ContentServer™ R4 is the professional broadcast solution to bring rich-featured DRM programs consisting of high-quality audio and multimedia services on air. The new revision defines a landmark in the easy creation of rich broadcast signals for the Digital Radio standard DRM.

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The DRM ContentServer™ has been well-known for years for its robustness, stability and reliability, this latest release adds a whole new user interface, and provides all the signaling and automation features required by professional DRM broadcasters.

The system combines triple functionality:

- DRM AudioServer for real-time encoding of up to four audio streams in parallel from live audio input or mp3 playlist.
- DRM Multimedia DataServer providing the listener with data services like DRM TextMessages, NewsService Journaline®, MOT Broadcast Website, MOT Slideshow and many more.



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- DRM Multiplex Generator creating the standardized MDI/DCP multiplex signal including full Single Frequency Network support.

Broadcasters will greatly benefit from the new functionalities built into this release, like web-based remote administration featuring Fraunhofer's innovative in-place-editing technology, professional automation features like scheduled data service updates from standardized RSS information sources and Alternative Frequency Signaling support along with the new online AFS Editor.

Broadcast scheduling enables the broadcasters to activate any multiplex configuration right on time – either manually, or automatically by weekly schedules or by calendar – with all reconfigurations duly pre-announced to the receiver.

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Fraunhofer DRM Developer Solution

The Fraunhofer DRM Developer Solution is a full broadcasting chain for laboratory use. It is designed to support the quick development of sophisticated and robust DRM receivers. It combines the functionality of the Fraunhofer DRM ContentServer™ R4 "Developer Edition" and the Fraunhofer DRM Test Equipment DT 230.

The DRM Developer Solution provides the fully standard-compliant DRM signalling functionality (including all international character sets), the creation and verification of DRM data services and audio configurations and any dynamic reconfiguration scenario, as well as live modulation and channel simulation.



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Availability

The new Fraunhofer DRM ContentServer™ R4 is now available for licensing from Fraunhofer IIS in four editions, "Compact", "Basic", "Standard" and "Professional", tailored to meet the individual requirements from DRM beginners and professional broadcast networks.

Full solutions including all required hardware components and extended customer support services can be obtained from Fraunhofer's cooperation partners, including TRANSRA-DIO SenderSysteme Berlin AG (www.tsb-ag.de), BMT Bayerische Medien Technik GmbH (www.bmt-online.de), AVT Audio Video Technologies GmbH (www.avt-nbg.de), Vision Telecom Corp. (www.visiontel.co.kr), PI International (www.piinternational.co.kr). An up-to-date list of partners is available from Fraunhofer IIS.

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

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The Fraunhofer-Gesellschaft founded in 1949 is one of the leading organizations of applied research in Europe. It operates 58 national research establishments and numerous international centers. The headquarters are located in Munich, Germany. Most of the 12 700 staff members are scientists and engineers.

Founded in 1985 the Fraunhofer Institute for Integrated Circuits IIS in Erlangen, today with 470 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.

For more information visit www.iis.fraunhofer.de.