



Fraunhofer Institut
Integrierte Schaltungen



The Information Service
for Digital Radio



In addition to providing extraordinary sound quality, digital broadcasting systems offer the chance to realize attractive multimedia data services.

The data service NewsService Journaline® was developed at Fraunhofer Institute for Integrated Circuits IIS. It provides the user with an intuitive and selective access to thematically sorted textual information.

This novel data service features an intelligent optimization for easy data adoption from existing information sources as well as highly efficient broadcast over the digital radio systems DRM (Digital Radio Mondiale, www.drm.org) and DAB (www.worlddab.org). Due to these optimizations and its attractiveness NewsService Journaline® is already featured on air by many international broadcasters.

The Fraunhofer DRM ContentServer and the Fraunhofer DAB/DRM Content-

Server™ represent ideal encoder solutions for DRM/DAB broadcasters.

The NewsService Journaline® decoder can easily be integrated into any form of DRM/DAB receiver.

Decoder libraries for microcontroller, Win32, Windows CE and Linux platforms are available at Fraunhofer IIS. The service was developed as part of the bmb+f project RadioMondo (www.radiomondo.de) with the project partners Bosch, Sony, T-Systems, Atmel, Micronas and Fraunhofer IIS.

NewsService Journaline® Key Features

- Easy and efficient integration into DRM/DAB radio receivers possible
- Appealing to broadcasters due to very low transmission bit rate demand
- Automatic data conversion from existing XML and RSS sources
- NewsService Journaline® decoder libraries available for microcontroller, Win32, Windows CE and Linux platforms

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