IRT supports with its DAB EDI-Archiver the quality control in DAB+

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Since the beginning of DAB and DAB+, IRT has been supporting broadcasters, manufacturers and the car industry in the field of DAB+ in handling operational issues and developing services. With its new software solution DAB EDI-Archiver, IRT is now expanding its product portfolio for DAB quality control.

The DAB EDI-Archiver stores all transmitted data, e.g. audio programmes, traffic announcements, dynamic labels, slideshows and many other DAB services, of the complete ensemble in DAB+ in a database optimized for later analysis.

Since many years, IRT has been offering a successful analysis tool with the DAB-Scout reference receiver for real-time decoding and clearly representing DAB programmes and data services. The DAB EDI-Archiver complements the real-time analysis of IRT’s DAB-Scout with offline analysis of any time window of recorded DAB ensembles.

The Linux-based server solution continuously archives the EDI input signals (Encapsulated DAB Interface) of the complete ensemble multiplexer. The user can at any time and from anywhere access the archived ensemble data via a Web GUI, download or forward them in the form of standard-compliant ETI-NI or EDI files, or further process or analyze them with external tools. For this purpose, the EDI-Archiver offers a direct, and hence for the user very easy to use, connection to IRT’s DAB-Scout analysis software. In the GUI of the DAB-Scout, the
DAB EDI-Archiver appears as a new source, simply next to the familiar USB or file inputs. By means of a simple date selection, the archived ensemble data are loaded into the DAB-Scout software and can be analyzed with the help of this software in the usual way.

The DAB EDI Archiver is available in a basic version for recording of a single EDI data stream as well as an extended version for recording of additional EDI data streams on request or directly via IRT’s webshop.

https://shop.irt.de/webshop/

About IRT
IRT is a neutral research and competence centre for audiovisual technologies. It explores, observes and develops new technologies with the aim to strategically adapt broadcasting to new market environments and needs. Around 100 employees do research on the premise in Munich in close cooperation with partners and clients for innovative solutions in the research areas of new audio-visual formats, cross-media technologies, metadata, cloud production, all IP/IT, smart data, hybrid radio and TV, security, multi-platform, 5G, frequencies and network planning and IP distribution.

Its shareholders are the public broadcasters ARD, ZDF, Deutschlandradio, ORF and SRG / SSR. In addition, IRT collaborates with numerous clients in the sectors of broadcasting, media and industry. Its cooperation with international research partners offer access to global trends and developments. In its work with universities, IRT supports the training of junior staff, who actively involved in research projects. With more than 60 years of experience, IRT is a pioneer of audiovisual media technology in a modern society.

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