



News Release

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for immediate release

Bavaria's Public Broadcaster selects VDL Head-end for expanded DAB network

Bayerischer Rundfunk (Munich, Germany), Bavaria's Public Broadcaster, is deploying a new DAB Head-end from VDL (Lyon, France) and its partner AVT (Nuremberg, Germany).

At the end of March 2010, BR will launch its own DAB transmitter network (Channel 11D), enabling BR to broadcast its ten radio programmes via the digital terrestrial system. The first two transmitters will serve the Munich and Nuremberg regions. The new network will gradually be expanded across the whole of Bavaria. Currently, six of BR's radio stations are being broadcast via the Channel 12D transmitter network. In the long-term, BR is planning to migrate all of its programmes to the new Channel 11D network and the DAB⁺ format.

Frank Lott, Head of BR's Broadcast Operations Department, said "Due to our new multiplex centre we achieve higher flexibility in creating our ensemble configurations, modifying data rates, as well as testing new services and technologies."

The new DAB Ensemble comprises 6 audio services using the traditional Eureka-147 DAB format, plus two test services using the latest high-efficiency DAB⁺ format. In addition to audio, the new Bayerischer Rundfunk DAB Ensemble carries a number of data services, including Dynamic Label and Dynamic Label Plus text, traffic information, Electronic Programme Guide (EPG) and Slideshow (e.g. images of album covers).

The fully-redundant head-end system comprises a total of 16 Audio Encoders, two Ensemble Multiplexers, two PAD-Servers, two ETI Switches, two ETI Splitters and two ETI Monitors. The complete system was installed and commissioned by AVT.

The Audio Encoders are managed via the Ensemble Multiplexer and all head-end interconnections are via IP. Audio Encoder and Multiplexer operation can be monitored remotely and their status is integrated into Bayerischer Rundfunk's network management system using SNMP.



***One of the two VDL head-end systems
at Bayerischer Rundfunk in Munich***

(jpg image available from VDL – contact details below)

more



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About BR



Bayerischer Rundfunk (BR) is one of the largest public broadcasting corporations in Germany, headquartered in Munich. With more than 4,000 employees, BR operates ten radio stations and two TV channels, Bayerisches Fernsehen and the educational channel, BR alpha. BR is also a major contributor to the Germany-wide ARD network, whose flagship "Das Erste" is the most viewed TV channel in the country.

About VDL



VDL is a French leader in the field of radio broadcasting technology with business activities as an FM broadcaster, Digital Radio network provider and Digital Radio equipment manufacturer. The Company has been manufacturing equipment and operating transmission networks for DAB/DAB+/DMB in France since 1998.

VDL delivers Digital Broadcasting Technologies for Radio, Mobile TV and Network Providers. As both a broadcaster and an equipment manufacturer VDL is in a unique position to offer innovative Digital Radio broadcasting solutions to its customers.

The Company's Digital Radio product range offers complete solutions, covering the whole digital broadcasting signal chain, from audio, video and data encoding, multiplexing and logging, to signal monitoring & analysis.

About AVT



AVT Audio Video Technologies GmbH was founded 1996 and has its headquarter in Nuremberg, Germany. The company develops high quality audio products such as DAB and DAB+ Encoders, ETI Monitoring Decoders, Audio Codecs, Telephone Hybrids and 5.1 to Stereo Downmix Systems. The AVT products are manufactured by German contractual companies which are certified according to ISO 9001. The Development Department together with the Sales and Marketing department is located in Nuremberg.

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