

Major Project References

A Short Overview about Radio and Television Projects

The broadcasters listed in this document are just a selection of the satisfied customer organizations of VCS. With the requirement for a unique workflow and data management solution not achievable through off-the-shelf products, all of them found their partner to meet and exceed the requirements to be VCS.

Every one of these customers trusts the power and reliability of the dira! fourth generation production and playout solutions for radio, television, newsroom integration and new media as well as the media:fabric enterprise level solutions for media asset management, program management and enterprise integration, customized to specific needs and delivered as a turnkey solution.

British Broadcasting Corporation¹

www.bbc.co.uk



- Advanced, comprehensive content management solution for distributing the output of all national BBC radio channels via the internet. The project, code-named Coyopa, is being implemented for BBC Audio & Music, and will extend the online offering of the BBC's national radio stations for live and on-demand listening. A dira! New Media solution from VCS is to be used, with additional features developed specifically for this application.
- The new content production and playout system for BBC Radio in Scotland on Pacific Quay in Glasgow as a part of a cross-media platform that facilitates the integration of the radio production environment into the television world.
- Networked environment for fully tapeless production at BBC Audio & Music integrating the SADiE craft editors in the dira! production and playout system operated by the BBC radio networks.
- Newsroom integrating production and playout system integrating the dira! system with the ENPS newsroom computer system for BBC News & Sport covering all its news desks at BBC Radio Five Live.
- "EuroClassic" as a complete automatic playout solution for BBC Radio 3 to realize the supply of classical music into the playout system for the night program spread over the internet. Additionally other EU partner radio networks can use the system and feed in their own speech elements.
- dira! production and playout system for BBC Audio & Music at BBC Radio 1 to 4 and the BBC New Digital Radio Services, 1Xtra, 6Music and BBC7.

¹BBC is the trade mark of the British Broadcasting Corporation and is used under licence.

Deutschlandradio

www.dradio.de

- Central recording and program documentation system.
- media:fabric multimedia compatible long-term radio archive as a customized solution with browser interfaces to both sites in Berlin and Cologne and physical storage of the material at a central data processing provider.
- “Magazine Music Storage” for Deutschlandradio Kultur for the special needs of the features and music programs.
- Digital system solution on basis of dira! for the news studio in Berlin for the political news coverage from the capital.
- dira! radio production and playout system for the broadcasting houses of Deutschlandradio Kultur in Berlin and Deutschlandfunk in Cologne with about 300 dira! journalists’ workstations and three on air studios.

Deutschlandradio

Mitteldeutscher Rundfunk

www.mdr.de

- dira! radio production & playout system for all MDR radio networks spread over several regional sites: MDR Info, MDR 1 Radio Saxony, MDR 1 Radio Saxony-Anhalt, MDR 1 Radio Thuringia, MDR Jump, MDR Sputnik, MDR Figaro, MDR Klassik.
- Integration of the MDR regional studios in Bautzen, Stendal and Dessau. The office in Bautzen, near the Polish border, works with dira! in the language of the Sorbian minority.
- Implementation of a dira! system for MDR Info, the news channel of the MDR, with workflow analysis, logically separated LAN segments for performance optimization and 100% redundancy for current data as key features.
- Customized, dira! based solution for MDR Klassik, the first MDR radio channel that exclusively broadcasts in the DAB format.



Radio Bremen

www.radiobremen.de

- The radio network Funkhaus Europa in Bremen designs its own program with access to the music pool of Funkhaus Europa in Cologne. Via dira! Gateway the music stores of Radio Bremen are unidirectional synchronised with Funkhaus Europa in Cologne.

radiobremen

Voice of Vietnam

www.vov.org.vn

- Audio archive solution for Voice of Vietnam based on the media:fabric enterprise media asset management framework. This long-term archive is for storing audio material, integrating the solution with the production and playout systems of the six radio stations that are broadcast by Voice of Vietnam, and linking it to the system supplied by NOA Audio Solutions to digitise existing analog audio material.



Norddeutscher Rundfunk

www.ndr.de

- Multichannel playout centre for the 5.1 standard which is able to serve all NDR channels for the recording and playout of multichannel programme.
- dira! system for NDR Media GmbH for the automatic transfer of commercials to channel systems.
- Development of a reporter portal as a tool for NDR reporters in the field. By way of a web application, reporters can exchange files with selected NDR channel systems.
- Implementation of multi-site capability with dira!Highlander.
- Integrated system management solution for the monitoring and control of the software processes and the hardware platform of the digital long-term archive (DILA).
- Digital multimedia long-term archive (DILA) based on the media:fabrik framework. All the NDR channels are connected to the archive which supports the entire archiving process, from digitisation and data import to storing and retrieving the data.
- Optimisation of the network encompassing the NDR regional sites by equipping the 21 regional radio sites with dira! software and linking them to the central dira! server systems of NDR's regional broadcasting houses.
- Documentation and simultaneous recording system for the statutory recording of all eight NDR stations and the regional NDR channels. Simultaneous recording of 50 foreign channels for competition analysis purposes.
- Cartplayer for the NDR regional broadcasting house for Schleswig-Holstein in Kiel, serving as both an insertion tool for production purposes and, in the transmission studio, as an on-air playout system for format items.
- Adoption of Powergold music selection software by NDR2, N-JOY and the regional broadcasting house in Schwerin.
- Eight NDR channels are equipped with customised dira! radio production and playout solutions.



Radio Kielce

www.radio.kielce.com.pl

- dira! radio production and playout system with integration of existing Studer on air mixing consoles to dira! OnAirControl.
- Integration of the music rotation Selector and the Polish advertising system.



Radio Łódź

www.radiolodz.pl

- Łódź celebrates their "jump from a radiofonic open-air museum to 21st century technology" (*Grzegorz Lajs, member of the board, Radio Łódź*).
- Dispatch of hardware, installation, configuration and acceptance test of the broadcast system as well as trainings are completed within three weeks.



Westdeutscher Rundfunk

www.wdr.de



- Tri-media production and playout solution for twelve regional WDR sites to facilitate the exploitation of synergies between radio, television and the Internet: TV playout application dira! Schedplayer for video, newsroom integration with OpenMedia, integration with the AVID MediaComposer editing solution and dira! Highlander content platform.
- Central playout component for Arnd Zeigler's cross-media live show, Zeiglers wunderbare Welt des Fußballs (Zeigler's wonderful world of football): dira! Cartplayer video application as self-operated application for the presenter is used in the simultaneous broadcast of this new program on WDR television and the Bremen Vier radio channel.
- DAAS digital audio archive in a customised configuration based on a media:fabrik archive solution which gives access to a wealth of programme assets as well as current production material.
- Implementation of an end-to-end file-based workflow from raw material ingest to programme playout for the WDR's digital television production platform for the DX studio in Düsseldorf.
- dira! radio production and playout systems for the WDR's regional studios
- Digital radio playout center for the three digital channels for fully automatically scheduling and transmission.
- The new workflow of the self-operated playout solution for WDR television, the VCS Cartplayer video application, has revolutionised the popular political talk show, Hart aber fair. By way of a touch screen installed in the studio, the presenter can select from a matrix of video clips for immediate playout without any time lag.
- Comprehensive end-to-end solution for the entire production and playout workflows for WDR 2 based on the dira! platform including project management, planning, design, installation and training.
- VCS installed the dira! radio production & playout system for WDR 5 and integrated both the ProTools editing system and a Rimage DVD duplicating and printing system.
- Funkhaus Europa works with a digital production solution for foreign language programmes that was developed specifically for WDR.
- The WDR news memory developed by VCS serves as a central buffer and playout station for the exchange of programmes between all the WDR radio channels.

Ríkisútvarpið RUV

www.ruv.is



- In the context of digitizing its radio operation the Icelandic public service broadcaster has decided to adopt the dira! production and playout systems of VCS: Implementation of dira! for RUV's two radio channels with five on-air studios in Reykjavik, one self-operated studio, 121 editorial workstations and four regional locations.

Vlaamse Radio- en Televisieomroep

www.vrt.be

- dira! radio production & playout system for VRT News and Radio één including a complete iNews integration.
- Integration of the central TV and radio archive system Ardome with the dira! system.



Rundfunk Berlin Brandenburg RBB

www.rbb-online.de

- rbb has decided to use a “news-station TV” solution from VCS, for its newly constructed editing- and broadcasting complex of rbb’s own inforadio. This news-station was designed by VCS to process TV news directly from the editorial offices of the radio station. The news-station is based upon a dira! Schedplayer TV solution and represents a true bi-media integration of TV and radio workflows.



Deutsche Welle DW

www.dw-world.de

- Renewal of the digital audio production and playout system (DIAS). Over the next two years, VCS will be implementing a dira! system tailored exactly to the requirements of Deutsche Welle within the framework of a project codenamed DIASneu. Deutsche Welle is to use the system to produce and broadcast its programmes in 30 languages for all the world’s regions in a daily production volume of more than 100 hours. The object of the DIASneu project is to replace the existing digital audio production and playout system in Bonn and Berlin with a state-of-the-art hardware and software environment. The order also encompasses training and a long-term maintenance contract. In future, more than 1,000 users, seven broadcast complexes with two broadcast control rooms each, and nine production studios will be employing dira! as the central component of their audio production and playout activities on behalf of Deutsche Welle.

