

VDL Corporate Profile

Your Partner in Digital Broadcasting



BROADCAST SERVICES AND PRODUCTS

- CONTRIBUTION
- MULTIPLEXING
- DISTRIBUTION
- MONITORING
- TRANSMISSION
- SUPERVISION
- DAB DAB+ DMB

About VDL

VDL are an international Group of companies that delivers broadcasting technologies for Radio, Mobile TV and Network Providers. The Group is in the unique position to offer innovative solutions to its customers as both an experienced broadcaster and an equipment manufacturer.

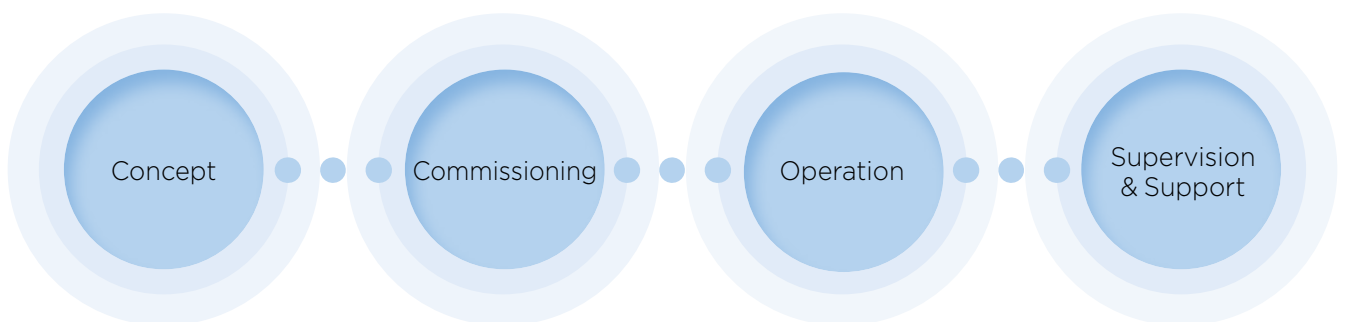
Founded in 1984 in Lyon, France, VDL have become a leader in the field of radio broadcasting technology. Areas of expertise include: Digital radio network provider, Digital Audio Broadcasting (DAB/DAB+) and Digital multimedia broadcasting (DMB) equipment manufacturer, FM broadcasting network operation and maintenance, plus public transport information systems.

VDL have built a strong reputation and extensive field experience from the supply, installation and support of equipment for FM and Digital radio transmission, as well as technical expertise in commercial radio applications. The VDL Group produces a range of head-end and monitoring products for DAB, DAB+ and DMB applications world-wide. VDL's complete broadcasting solution covers the whole digital audio/multimedia broadcasting signal chain, from audio, video and data encoding, multiplexing and logging, to signal monitoring and analysis products, offering the best technologies, products, prices and support.



Meeting Your Company Needs *From studio to listener*

From studio to listener, we provide a full broadcast service that is monitored and supported by our experts. We place customers at the heart of their network by offering a complete package of products and services.



- Project management
- System design, build and install
- Detailed design of antenna systems

- Selection of transmission sites to optimise coverage
- Delivery of coverage plots with information about the transmission sites

- Design of remote control, monitoring, telemetry and supervision systems
- Customer access to network status via MyVDL website

VDL Broadcasting Services

The holistic broadcast solution

VDL provides our customers with a cost-effective Transmission and Multiplexing services for audio, video and data content in DAB, DAB+ and DMB across Europe and the world. We offer the same quality-of-service and levels of support for customers who choose our individual Multiplexing or Transmission services.

Multiplexing

Cost-effective multiplexing and encoding services can minimise capital expenditure when setting-up a new multiplex, or upgrading an existing multiplex.

Our encoding and multiplexing products have been developed for use in the company's own digital radio networks, giving customers the benefit of our own operational multiplexing experience. The result is comprehensive functionality, ease-of-use, configuration control, reliability and remote maintenance, all of which contribute to VDL's customer-friendly, high-quality service.

VDL's multiplexing services are sufficiently flexible to provide our customers with a level of monitoring, supervision, management and control that is appropriate for each installation. For example, this can range from full management of the multiplex, to individual broadcasters being able to control their allocated capacity in the multiplex.

Transmission

VDL currently provides digital broadcasting services in France and Belgium. With technical teams in each country for fast access to transmission sites, we offer high quality digital transmission services and support.

VDL's in-house developed supervision system allow us to rapidly respond to incidents and provide transparency with our customers.

Our transmission solutions use familiar brands in conjunction with VDL's own-brand equipment for encoding, multiplexing and monitoring.

Integrated Monitoring and Supervision System

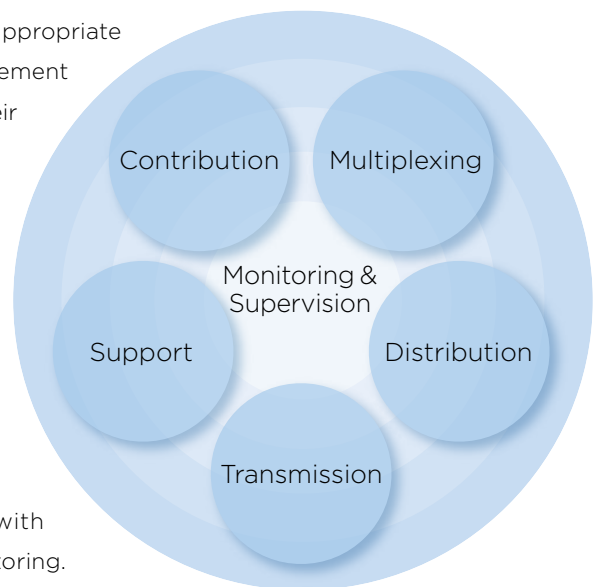
VDL's Network Operations Centres supervise all elements of the broadcast network, including contribution, encoding, multiplexing, distribution and transmission. Our system provides: remote control, diagnostic and maintenance of head-end, signal routing and transmission equipment.

VDL monitoring and analysis equipment at the multiplexing centre and at each transmission site also provide service quality evaluation. This information is reported in real time to customers through via the **MyVDL** website where any serious incident or network malfunction that causes service loss is easily flagged.

My VDL - Putting you at the centre of your broadcast services

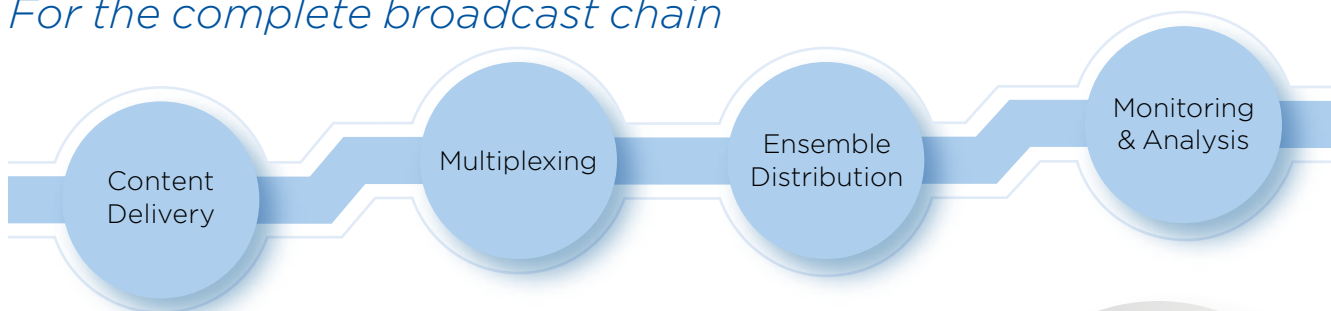
The **MyVDL** website is an easy to use information portal which puts our customers at the centre of their broadcasting network. **MyVDL** provides the ability to monitor, control and change elements of the services that VDL provide.

The ability to view the operational status of broadcast networks gives customers the confidence that VDL are meeting service level commitments.



VDL Products

For the complete broadcast chain



VDL products provide a complete solution covering the whole digital broadcast signal chain from audio, video and data encoding, multiplexing, logging and signal monitoring & analysis.

The VDL Group are acknowledged experts in the development of broadcasting products. We offer product evolution and enhancement from our in-house team of engineering experts and partners. End-to-end systems are configured to meet our individual customer requirements and we monitor technological developments so that our customers benefit from the latest innovations.

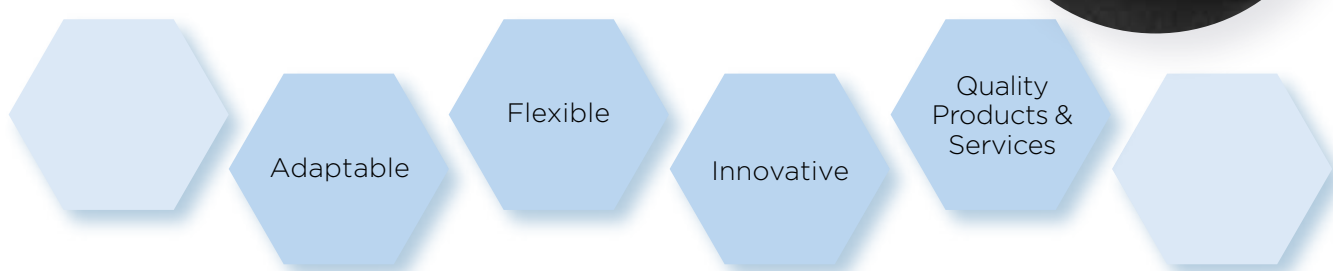
Up-to-date, comprehensive and easy-to-use products provide the maximum benefit to our customers. Reliable, stable and proven software and hardware platforms maximise our customer's efficiency and make us the obvious provider for all equipment in the broadcast chain. Products are available for purchase or rental. VDL provide friendly and efficient after-sales support, either directly, or via our international sales and support partners.



DAB DAB* DAB

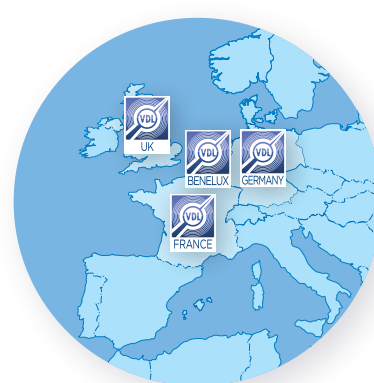
VDL Commitment

VDL are committed to quality, service, innovation and putting our customers at the heart of our business. Our experience and proven expertise allows us to tailor solutions to meet our customer's individual needs.



VDL International

VDL's activities include the following business units in France, Belgium, the UK and Germany.



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