



System Integration While Broadcasting

Expanding Deutsche Welle TV's Broadcasting Centre

Project Description: In order to expand Deutsche Welle TV's broadcasting infrastructure, we took charge of the detailed planning, delivery, integration and commissioning of a digital PAW and online graphic system as well as the construction of studio racks and studio furniture for the equipment and operators' room.



Workstation channel control



Orad control servers



Orad HDVG



LYNX mainframe - backplanes



Furniture for operation room



Infrastructure cabling

What's On? Deutsche Welle TV is the official TV station of the public broadcaster Deutsche Welle. From Berlin, Deutsche Welle TV broadcasts Germany-related political, cultural, economical and social news to foreign countries. By increasing its existing European broadcasting lines from two to eight, the station can now offer a wider range of programmes via separate channels for North America, Latin America, Middle East, Asia and Africa.

Technical Specifications (Excerpt)

- + Harris ADC 100 automation system to control up to 10 channels
- + 4 device servers, including manual change over
- + Probel Sirius 256 x 256, fitted to 128 x 128 main router
- + Probel Sirius 64 x 64, fitted to 40 x 32 backup router
- + BFE KSC-9000 controller
- + Omneon video main server with 12 channels and backup server with 12 channels
- + 8 Miranda Imagestore 300+
- + 8 Orad HDVG graphic systems
- + Panasonic AW-E 860L with lens for emergency reporting
- + Videotek VTM 4100 measuring device
- + Lynx signal distribution and conversion
- + Alpermann+Velte timer system
- + Raritan KVM system, Paragon II for 16 user stations and 64 servers
- + Evertz multiviewer system
- + Barco Full HD 47" displays
- + Apple Final Cut