



Vancouver 2010 Winter Olympics

Starting Shot for HDTV Transmission of ARD & ZDF

Project Description: Simultaneously to the opening ceremony at the 2010 Winter Olympics, German public broadcasters started their regular operation in HDTV transmission. To be best prepared for the first big live sport transmission in HD, ARD and ZDF completed its mobile production unit with tapeless high-definition solutions from our rental division. The extensive mobile production environment was combined with ZDF's existing HD technology and delivered to Vancouver and Whistler Mountain, where it went into operation.



Olympic flame in Vancouver



Workstation EVS administration



Studio in Vancouver (IBC)



HDTV format conversion



EVS servers for highlight editing



Monitoring wall (direction)

Gunnar Darge, Technical Supervisor, ZDF: "We are glad to deliver pin sharp images to our German TV viewers during the Olympic Winter Games. In order to realise our HDTV production and transmission, we chose Wellen+Nöthen as an experienced partner at our side."

Technical Specifications (Excerpt)

- + Avid ISIS with 192 TB storage
- + 20 Avid Media Composer workstations
- + Ingest and playout with 18 Avid Airspeed systems
- + 17 fully equipped EVS XT[2] HD servers
- + 9 real-time 3D graphic systems from Vizrt
- + 3 Alchemist Ph.C HD and 14 Mach HD format converters from Snell
- + Fully equipped Sony MVS-8000G HD vision mixer
- + More than 50 VTRs from Sony and Panasonic
- + Evertz MVP multiviewer systems with more than 400 inputs
- + About 250 monitors ranging in size from 17" to 47", including about 180 Sony displays
- + Riedel Artist Matrix intercom system
- + Grass Valley HD system cameras
- + Extensive glue equipment from LYNX, Harris, Minolta, Jünger, Yamaha, Vinten and Sennheiser
- + Implementation and technical on-site support