

TVI – Balearic Channel

Complete Studio Post & Playout Development for 6 TV Channels



As general contractor, Wellen+Nöthen was given complete responsibility for setting up a new television station in the towns of Inca and Palma. The process included acquisition and the provision of studio production, audio and video postproduction facilities with integrated graphic capabilities up to the playout. A basic principle governing the installation was to realise the entire series of production processes as far as possible as a fully digital workflow. To this end even for the outside production hard disk recorders were implemented which can be docked onto the DVcam or DVCPRO camcorder as the case may be. The audio/video recording data is processed in the transmission station in Inca or the production studio in Palma on five Avid Xpress and one Pro Tools station in each case and made available for common access on two production servers (AVID Lanshare).

After the post-production phase the prepared clip files are transferred using an FTP connection to the Proxsys Media Server Enterprise System. In addition, ready-processed, external packages can be transferred to the transmission system's central hard disk storage facility via several ingest stations. Every time data is transferred to or received into the central storage facility a copy in MPEG 4 format is automatically created for LowRes browsing.

Eight independent, but synchronised playout stations are connected with the central storage facility. All clips which are transmitted via the playout channels are automatically recorded on PC based hard disks in MPEG 4 format in order to create a documentation of the entire television programme (Legal Recording). For news and general interest content two recording studios were installed and equipped. The studios have three cameras, of which 2 can be remotely controlled via a connection with the studio production. The third camera can be operated by a cameraman as the need arises. Further information is available from the sales team at Wellen+Nöthen.

More cases? Visit us at www.wellen-noethen.de or mail info@wellen-noethen.de

Technical Specifications:

- Sony DSR • PD170 • Camcorder
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- Focus Firestore
- Sony DXC • D50 – Cameras
- Panasonic AW • E 650 Remote Cameras
- Autoscript Teleprompter
- Sony DFS • 700 Switcher
- Inscribe Character Generator
- Yamaha O1V96 Audio Mixer
- Sennheiser Mikrophone Systems
- Avid Xpress Pro
- Avid Mojo
- Digidesign Pro Tools HD
- Avid LANshare
- ProxSys Enterprise Media Server
- ProxSys Playout Systems
- ProxSys Ingest
- MoniSys Capture Station
- Network Router Systems
- Miranda Alto Monitor Splitter
- Lynx Splitter / Converter / Synchronizer
- Jünger Audio Technique
- Tektronix Measurement Engineering / Signal Generators
- Alpermann+Velte Timer System