

KTK

Complete Development for Studio Post & Playout



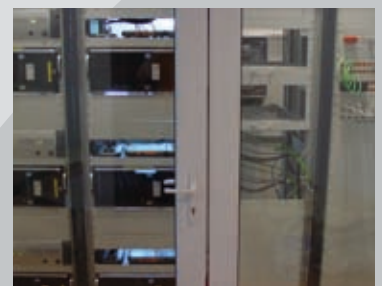
Wellen+Nöthen was in charge for the planning and reconstruction of the entire production and transmission infrastructure for the broadcast station KTK, introducing new workflows as appropriate. An AVID Unity system with 8 clients (implementing Media Composer Adrenaline und News Cutter XP) was installed in the production section, including a common data storage facility comprising 8 Tbyte of storage space at installation time. As production standard DVC 25mb was selected.

In addition to the Media Composer units two Pro Tools HD systems were integrated into the Unity server structure via the AV option to provide further post-production modules. The ingest and transmission facilities were provided by an Omneon media server system which receives audio/video clips for the available playout channels mainly using FTP transfer and also via SDI interfaces. Transmission automation is performed using an Aveco Astra system.

As well as the post-production and transmission technology, KTK's camera equipment was renewed for both studio recording and ENG. Crossbars from Leitch and Network were implemented as well as an Aveco automation system. The transmission facilities were augmented with a wide range of measurement, monitoring and other peripheral devices.

Further project components included the delivery and integration of six Sony-Triax camera production units, video mixers from GrassValley and Sony, Inscribe graphic generators, a substantial range of lighting technology (Arri) as well as almost 20 Panasonic DVCPRO (studio-)recorders. To complete the entire system 10 fully equipped ENG units using the formats DV, DVCPRO25 and DVCPRO50 were provided.

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