

Villa completely automated by AVIT Control

More and more representative villas are equipped with comprehensive control solutions in which openness, flexibility and integration of different solutions of different manufacturers are an absolute must.

Medientechnik Lotze from Puchheim has now networked a villa near Munich with the control system AVIT.



The graphical user interface of the AVIT touch panels are designed with the same ingenious appearance as the GIRA HomeServer.



Solutions of different manufacturers integrated into one control system thanks to AVIT: home automation, audio and video

The task was to control the complete audio visual equipment besides the air conditioning, the lights and the safety equipment in the very prestigious Bauhaus style villa. A GIRA HomeServer controls the KNX bus system. AVIT by COMM-TEC - based on TCP/IP standards - with the Stardraw Control software is the superior control system including the complete control of the audio visual equipment.

In total, six wall mount touch panels used as control-sections are spread over the house. The operation topology complies with the room names and the AV sources within them. Thus, in the swimming bath for example, the ceiling lift of the projector is lowered, the projector is switched on over RS-232 and the audio zone for the swimming bath is activated over TCP/IP when the

button „Premiere“ is pressed. The COMM-TEC video matrix is switched to the right YUV output over RS-232. When the button „MP3“ is pressed, the menu of the iMerge audio server appears on the touch panel.

The special challenge was to integrate the different solutions and control elements of GIRA into the overall control and to realise an operation that is a completely rounded piece of work. This was only possible because AVIT is operating on the open TCP/IP platform.

Control on open platform

AVIT fuses the AV with the IT world. Using IP networks and IT hardware, AVIT is a cost effective and future-proof solution based on industrial standards with the complete functional range of a professional media control system.

Facts

- End customer:** Private villa in Munich
- Integrator:** Medienhaustechnik Lotze, Puchheim
- Controlled components:**
- Image source:** DVD player: Revox M51 BluRay player
Premiere receiver: Sonavis One
- TV:** LCD TV: Metz Clarus 32"
Plasma display: Pioneer 42"
- Projectors:** Projection Design Full HD
Epson TW2000 Full HD
- Audio sources:** Music server: Imerge S3000
SAT receiver: Topfield TF5000
AV-Receiver: Revox M51 (radio)
Amplifiers: Denon AVR-3808
Revox M219
Sonance Subamp
- Loudspeakers:** Medicraft Sound Advance SA2
- Home automation:** AVIT connection to the GIRA HomeServer