Lawo AoIP Technology for Studio Berlin



As part of the "Ü6 Renewal" project, Studio Berlin has replaced its long-standing Ü6 HDTV outside broadcast (OB) truck, in service since 2006 for countless TV productions, with a modern, permanently installed control room at its Hamburg facility. Central to this new control room are innovative AoIP solutions from Lawo, combined with a RAVENNA network, significantly streamlining workflows, and greatly increasing production flexibility.

For many years, the Ü6 was a key asset in Studio Berlin’s OB fleet, used to broadcast major sporting and entertainment events. As the vehicle was permanently based in Hamburg and never moved, it served as a permanent control room for TV productions. Over time, however, the technology no longer met modern requirements, so Studio Berlin decided to retire the OB van and establish a permanent control room at the Hamburg site instead.

The new control room is built around Lawo technology, embracing cutting-edge IP standards. At its heart are two Lawo mc²36 all-in-one audio mixing consoles with integrated Lawo A__UHD Core technology, providing immense processing power in a compact setup. Each console offers 256 processing channels and 864 channels of I/O capacity. With native IP connectivity and Lawo’s IP Easy™ technology, the

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consoles support seamless plug-and-play operation.

Alongside the mc²36 consoles, three Lawo A__mic8 stageboxes have been integrated into the system via RAVENNA. This IP-based RAVENNA network allows for flexible, lossless signal distribution, giving technicians the ability to access or feed signals from anywhere in the network. This upgrade has dramatically increased production flexibility. “Hamburg now has two identical control rooms that can operate simultaneously, something that was previously limited,” said Matthias Hitz, Technical Director at Studio Berlin’s Hamburg location. “Both control rooms can now handle any production independently of the studio. The RAVENNA network allows us to route signals flexibly between the control rooms and respond quickly to any audio requirement.”

Hitz added: “With these new solutions, we’ve not only met current needs but also positioned ourselves for the future. Lawo’s technology gives us the flexibility and IP-based solutions to adapt quickly and efficiently to future media production developments. We’re excited to continue our partnership and will keep relying on Lawo technologies moving forward.”

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