Lawo powers Voice of Vietnam



Voice of Vietnam (VOV) has successfully completed the second phase of the traffic radio project with audio solutions by Lawo, a global leader in broadcast audio technology, reinforcing VOV’s position as one of Southeast Asia’s most advanced state broadcasters. In 2020/2021, during the first phase of the project, VOV upgraded its facilities with two Lawo ruby and two crystal radio broadcast consoles. Building on that success, the second phase, completed in 2023, saw the installation of three of Lawo’s newly launched diamond consoles, three additional new crystal consoles, and two pairs of redundant Power Core routing devices. This deployment extends across two key locations: Hanoi, where the system was expanded, and Danang, where a new studio facility was built from the ground up, further enhancing VOV's radio production and broadcast capabilities.

The integration of Lawo’s advanced solutions into VOV’s workflows has been transformative. The diamond console, with its IP-native design, is tailored for modern broadcast environments, offering seamless integration with VOV’s RAVENNA/AES67 network. Its highly customizable control surface allows VOV’s operators to configure the system according to the unique needs of each studio, providing unmatched operational flexibility and scalability for future expansions. The crystal consoles, with their compact and efficient design, deliver reliable, high-quality performance, making them ideal for handling daily broadcast tasks efficiently. They streamline operations while offering a user-friendly interface that ensures ease of use for both novice and experienced engineers.

At the heart of the broadcast system are a RAVENNA AoIP (Audio over IP) network

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and the robust Power Core routing devices, which manage the complex routing requirements of VOV’s network. These devices, fully compatible with RAVENNA/AES67 standards, offer high-channel capacity and flexible I/O options, ensuring seamless routing of audio signals. The deployment of redundant Power Core systems provides increased resilience, allowing VOV to maintain uninterrupted broadcast services, even in the event of hardware failures, ensuring high availability and reliability.



This comprehensive setup not only enhances the technical capabilities of VOV’s radio production but also improves overall operational efficiency. The integration of Lawo’s IP-based solutions enables simplified workflows, allowing VOV to easily manage its content and broadcasting processes. With this, VOV’s production team benefits from reduced complexity, streamlined control, and improved flexibility in managing both live and pre-recorded programming. These innovations translate into better, more consistent broadcast quality, providing listeners with a richer audio experience.

The project was successfully executed in close collaboration of Broadcast Communications International (BCI), the system integrator for the project, local trading company EMICO, and Lawo. BCI, a Singapore-based broadcast solutions provider, played a central role in the installation, managing around 85% of the overall configuration, including the setup of mixers and routers. Lawo provided specialized support in configuring the RAVENNA network and designing the redundant Power Core setup. This collaborative approach ensured the project was delivered to the highest standards, meeting VOV’s requirements for scalability and

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long-term growth.

“The expansion of Voice of Vietnam’s broadcast infrastructure marks an important step in our ongoing efforts to modernize and streamline our operations,” said a Voice of Vietnam spokesperson. “Lawo’s solutions provide us with the flexibility and reliability we need to deliver high-quality content to our listeners, both in Vietnam and internationally.”

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