Lawo at 2026 NAB Show



In the run-up to the 2026 NAB Show in Las Vegas (April 18–22), Lawo will announce the introduction of a groundbreaking innovation that forms the next major step in the company’s converged media-infrastructure strategy. First revealed during Lawo’s global online event on April 8, the upcoming solution is designed to accelerate system setup and optimize operational efficiency across broadcast, recording, live performance, and corporate AV environments. Its main mission is to make production workflows faster, smarter, and more agile on a daily basis. The picture above shows Lawo edge with optional licenses.

The new solution aligns closely with the broader industry movement toward dynamic, software-based media facilities. Central to Lawo’s approach is the HOME platform, which serves as the operational backbone for Lawo’s IP ecosystem where third-party solutions are more than welcome. HOME management, which now supports role-based access control (RBAC) to avoid unpleasant surprises, provides essential services such as device discovery, authentication, and orchestration. These capabilities allow production infrastructures to adapt their available resources and processing power in real time. Extending this flexibility, HOME Apps offer containerized microservices that run on generic COTS servers and can be deployed, scaled, and reconfigured instantly as workflow demands shift. Together, these systems enable a facility model defined not by bespoke hardware but by rapid, workload-based resource allocation.

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At NAB Show 2026, booth C2108, Lawo will showcase an extensive suite of HOME Apps. Among the featured technologies is HOME Multiviewer, a server-based, ultra-low-latency processing app supporting SMPTE ST2110, NDI, SRT, and JPEG XS workflows. Its ability to generate extensive multiviewer layouts - up to 64 picture-in-picture tiles - is complemented by a dynamic resolution-management system that operates in conjunction with Lawo's .edge platform. This mechanism intelligently selects either full-resolution feeds or proxy streams based on PiP size and operational context, resulting in optimized CPU usage and significantly reduced bandwidth overhead while maintaining precise monitoring quality.

In addition to HOME Multiviewer, the HOME Apps portfolio includes real-time UDX conversion with HDR processing, graphics insertion, stream transcoding, and a broad set of tools for color correction, timecode generation, test patterns, tone generation, and audio DSP. Each application can be launched or stopped on demand, creating an adaptable processing environment that supports rapidly changing production requirements and aligns with the Dynamic Media Facility (DMF) as well as the Media Echange Layer (MXL) initiatives.

Lawo will furthermore present the latest software generation for its mc²36, mc²56 and mc²96 production consoles and its crystal on-air mixing systems. The new mc² release introduces a refined Strip Assign workflow that accelerates channel configuration and improves visual clarity, while deeper integration with Waves SuperRack via the ProLink protocol enhances real-time plug-in workflows. EBU R.143-compliant security features provide protection for systems in interconnected IP production environments.

Complementary to these workflow enhancements is the HOME mc² DSP engine, which extends mc²-grade mixing capabilities into the software domain. Running on generic CPU platforms, this engine supports thousands of input processing channels, immersive production formats, extensive bussing structures, and collaborative mixing functions. Integrated tightly with HOME, it enables audio-processing resources to be allocated dynamically, mirroring the elasticity inherent to the broader HOME Apps ecosystem.

A major reference project illustrating the capabilities of Lawo's unified IP infrastructure is the University of Nebraska's HuskerVision installation. This campus-wide ST2110 deployment connects multiple sports venues to centralized production control rooms using Lawo's .edge platform. The system supports 3G and 12G-SDI ingest, native ST?2110 connectivity, and bandwidth-optimized proxy workflows for the HOME Multiviewer app. HOME Apps are also used for UDX conversion, while the venue's integrated 24×24 truck-dock exchange enables seamless HDR, SDR, SDI, and ST2110 interchange with national broadcasters—all within a single, unified IP fabric.

Lawo's full suite of IP-native routing, software-based processing technologies, and dynamic resource-management tools will be on display at NAB Show 2026, booth C2108.

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