

AMPP AUTOMATION

Automate with Confidence, Deliver with Precision

Modern media operations demand faster output, fewer errors, and greater consistency across increasingly complex production environments. Live and studio production workflows often rely on fragmented systems, manual intervention, or rigid automation that struggles to adapt to fast-paced demands. AMPP® Automation eliminates these limitations by offering a new paradigm in production automation.

Built from the ground up on the AMPP OS, AMPP Automation empowers teams to design, schedule, and execute production events through a unified, scalable, and responsive control system. It brings precision, repeatability, and creative flexibility to productions of all sizes, from newsrooms to live events.

At its core, AMPP Automation is a powerful orchestration platform that allows users to automate the complex interplay of switching, audio, graphics, video routing, clip playback, and other production tasks. But unlike legacy automation systems that often require extensive configuration or rely on rigid broadcast pipelines, AMPP Automation is designed to embrace change. It fits perfectly into today's hybrid media world where cloud, on-prem, and remote operations coexist.

In today's production landscape, customers are seeking agility. Whether covering fast-paced news, switching live sporting events, or producing digital content for multiplatform delivery, teams need systems that support speed without sacrificing control. Traditional automation can feel constraining, limiting creativity or flexibility. That's where AMPP Automation shines. It enables producers, operators, and directors to create macros, event sequences, and fully orchestrated shows using intuitive tools that respond in real time.

What most automation systems lack is the ability to scale gracefully with the needs of the production. AMPP Automation not only adapts to the size and type of your operation, it also integrates natively with all AMPP OS-based tools, third-party systems, and hybrid infrastructure. With tools like Automation Builder, Automation Scheduler, and the Automation

Player App, users can pre-build, record, test, and execute production sequences with full confidence.

AMPP Automation is part of the larger GV Media Universe (GVMU), and that means it doesn't operate in isolation. It ties directly into your existing workflows, across switching, media playback, playout, asset management, and distribution, without requiring a greenfield deployment. By standardizing automation across the ecosystem, customers gain operational efficiency, consistent output, and new storytelling possibilities. It's not about replacing talent; it's about empowering people to work faster, smarter, and more creatively.

Ultimately, AMPP Automation delivers what every modern production team is looking for: a way to do more with less, while still enhancing the quality and impact of the content they deliver.



Key Features

- Unified event creation across live, cloud, and hybrid workflows – simplifies production planning and execution in any environment
- Visual Automation Builder with timeline, pause, delay, and stack options – flexible control over complex sequences
- Express Mode with live recording – automatically captures operator actions and builds repeatable sequences
- Automation Scheduler with MOS and Manual Playlist support – integrates seamlessly into news and entertainment workflows
- Story-based structure with dynamic media merging – streamlines rundown automation with real-time content updates
- Integration with Framelight X – drag-and-drop automation execution from your asset management interface
- Comprehensive test and simulation mode – ensures events are verified before going live
- Event reuse and versioning – standardizes best practices and improves production consistency
- Modern user interface – designed for speed, clarity, and minimal training time
- Fully scalable from small control rooms to enterprise deployments – one solution for every production tier

AMPP Automation Tools Turn Complexity Into Control

AMPP Automation is made up of three main tools: Automation Builder, Automation Scheduler, and Automation Player. Together, they give users a powerful way to design, manage, and run automated sequences that make live and studio productions more efficient and more consistent.

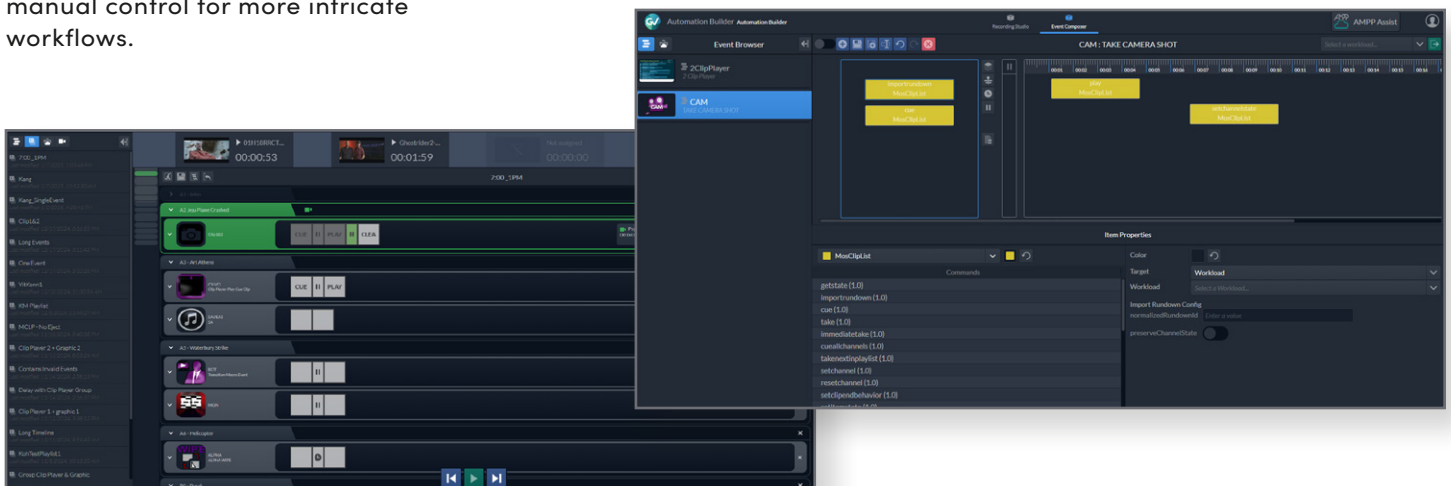
Automation Builder is the creative engine. This visual interface allows users to define production sequences called Events. You can build them from scratch using drag-and-drop tools or record them from live production actions using Recording Studio. Events are made up of individual AMPP Control Commands, which can be organized into Stacks (immediate execution), Timelines (scheduled execution), Delays (timed pauses), or Pauses (awaiting operator input). Express Mode speeds up creation by automatically converting live actions into event timelines. Normal Mode offers full manual control for more intricate workflows.

Automation Scheduler adds planning and structure. It allows users to organize Events into Playlists for live shows, breaking news segments, or complex playout operations. Each Playlist is divided into Stories, which hold the Production Events relevant to that part of the show. These can be created manually or imported from a newsroom system (NRCS) using MOS protocol. Scheduler supports dynamic content merging, letting media clips and graphics flow directly into the automation pipeline.

Automation Player brings everything to life. It executes Playlists in real time, responding to operator cues or timed triggers. Users can drag and drop Events into the Player from Framelight X or send them directly from the Automation Builder. The Player interface includes intuitive controls for Play, Pause, Recue, and Eject, along with a full view of group and event properties.

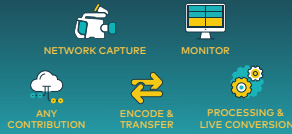
Throughout the entire process, AMPP Automation provides real-time feedback, full test capabilities, and confidence that what you plan is what gets played out. It adapts not only to your infrastructure, but also to your team's workflows and culture.

This comprehensive design allows you to build once and scale infinitely. Whether you're operating from a fully virtual environment, a control room with legacy gear, or a hybrid of both, AMPP Automation turns complexity into control.

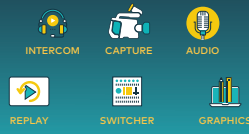


Grass Valley Media Universe

NETWORK INFRASTRUCTURE



LIVE PRODUCTION



PRODUCTION ASSET MANAGEMENT



DISTRIBUTION & PLAYOUT



Connected Hardware Solutions • Cloud Native Apps • Hardware and Software Alliances • Service Marketplace



AGILE MANAGEMENT TOOLS



ELASTIC PLATFORM SERVICES



INTELLIGENT MEDIA TECHNOLOGIES



SECURITY



SaaS Platform



INPUTS OUTPUTS



ROUTING & ORCHESTRATION



WORKFLOW



FINANCE



ON PREM



HYBRID



PRIVATE

INFRASTRUCTURE



GV HOSTED



PUBLIC

AMPP Automation in the GVMU Ecosystem

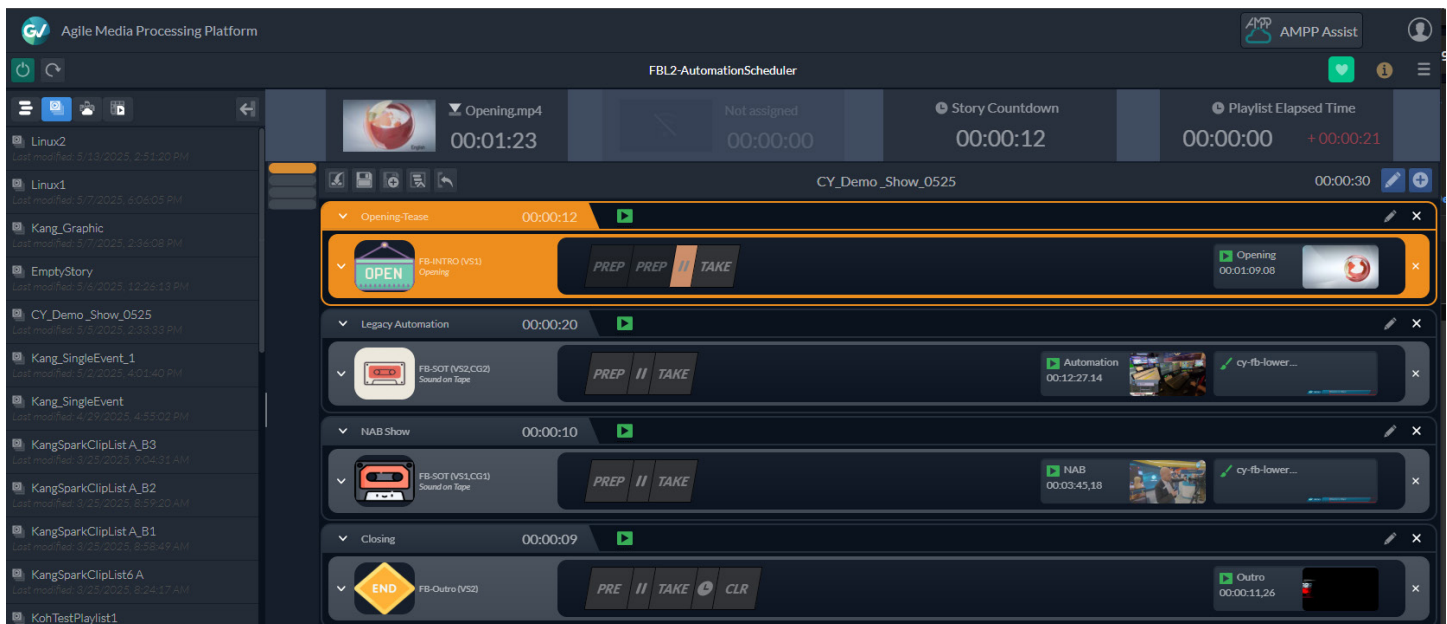
Within the GV Media Universe (GVMU), AMPP Automation plays a foundational role in orchestrating workflows across live production, content creation, asset management, and playout. It connects the dots between different applications and ensures that the entire operation can run smoothly from a single control layer.

GVMU is built on four pillars: hardware-based solutions, AMPP OS-based virtualized tools, third-party Alliance Partners, and the Marketplace for apps and services. AMPP Automation sits at the heart of the AMPP OS layer, empowering software-defined control over everything from production switchers to audio engines and multiviewers.

Unlike standalone automation systems, AMPP Automation isn't limited by hardware or a fixed location. It supports on-prem, cloud, and hybrid environments equally, letting customers choose the architecture that fits their operational and business needs. With native support for Grass Valley products and APIs to connect to third-party devices, it helps create a seamless workflow from start to finish.

This level of integration means that customers can build automation into their operation incrementally, aligning with business models and growth strategies. Whether enabling a single operator to run a corporate event or scaling to national broadcast operations with NRCS integration, AMPP Automation is designed to evolve with you.

In short, AMPP Automation doesn't just automate tasks—it amplifies your creative capabilities, operational efficiency, and viewer impact. And because it's built on the GVMU vision of open, interoperable, scalable workflows, it's ready to support the industry's transformation into software-defined, story-driven media production.



AMPP Automation gives production teams the power to do more with less. Whether you're producing news, entertainment or live events, it brings precision, control and speed to every step of the production chain. With native NRCS integration, a powerful visual editor, and fully virtualized execution, you can build, manage and trigger complex rundowns with just a few clicks. It eliminates repetitive tasks, reduces operational load, and ensures consistency across every show. In short, AMPP Automation streamlines live production so your team can focus on what matters most: delivering exceptional content, faster and more efficiently than ever before.

Key Specifications

- AMPP Control Command Integration – native control of AMPP apps and third-party devices via API
- Four execution group types (Stack, Timeline, Delay, Pause) – allows precise event structure design
- MOS Gateway support – real-time NRCS integration and rundown automation
- Media item merging – aligns clips and graphics to events automatically
- Manual playlist creation – ideal for non-NRCS environments
- Event testing mode with play, pause, recue, and eject functions – improves operational reliability
- Support for up to 1000 concurrent events – scales with the needs of large productions
- Full Framelight X synchronization – enables fast visual editing of automation sequences
- Secure cloud-native or on-prem deployment – supports any customer infrastructure model
- Integrated with GV Orbit® for orchestration – ensures full-system alignment and control

This product may be protected by one or more patents. For further information, please visit: www.grassvalley.com/patents

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