

Redefining Remote Production Through Cloud-Connected Workflows

How Broadcast Management Group's partnership with Grass Valley's AMPP is powering the next generation of managed broadcast services.

Broadcast Management Group (BMG) is a full-service production, consulting, and systems integration company that partners with broadcasters, corporations, and content creators to deliver high-end live production and managed broadcast services. From its base in Washington, D.C., the company provides centralized control, master control, playout, and media asset management (MAM) through its private cloud infrastructure to deliver broadcast-grade production capabilities at enterprise scale.

At the heart of this operation is the company's newly built network operations center (NOC) — the BMG Cloud Control Center — a private cloud hub that connects clients, facilities, and crews across the United States. Powering it all is Grass Valley's virtualized media production platform AMPP® — the operational heartbeat of BMG's broadcast ecosystem.

"AMPP is really the centerpiece of our network operations center," says Todd Mason, Chief Executive Officer and founder of Broadcast Management Group. "We use it for media asset management, master control, and playout; it's the nucleus of our entire production environment."

A New Model for Centralized Production

The Washington NOC replaces BMG's former Las Vegas facility and represents a fundamental shift in how the company designs, manages, and delivers productions; moving to a single, unified infrastructure that connects client studios, trucks, and control rooms through a centralized cloud environment.

Inside the facility, Grass Valley® K-Frame™ switchers anchor the control rooms, LDX® 135 cameras capture high-end imagery across BMG's production fleet, and AMPP powers the company's MAM, playout, and transmission workflows. The result is a production network that operates as a single, distributed system; one capable of supporting everything from daily corporate programming to large-scale live events.

"When people talk about cloud production, they often think of lightweight software workflows," says Mason. "But we're doing tier-one, high-end productions that still require the horsepower of a traditional control room, and that's exactly where AMPP fits in."

Dual Business Model

BMG's operations are split between two complementary business lines: live production and managed broadcast services. Roughly one-quarter of its work focuses on packaging live events — news, sports, and entertainment broadcasts for major networks — using both on-site and remote integration (REMI) models.

The remainder of its business revolves around managed services where it designs, builds, staffs, and operates broadcast and corporate production facilities for clients. Each facility connects directly to the NOC, where Grass Valley's AMPP provides centralized management, storage, and playout capabilities.

This architecture enables clients to choose between fully local setups, hybrid configurations, or fully remote workflows. In every case, AMPP underpins the infrastructure, providing seamless scalability and centralized control. "Our AMPP infrastructure lets us instantly activate any service we need — switching, playback, recording, or control — from any node, at any time," Mason explains. "If we need to expand record channels today and add playback tomorrow, it's simply a configuration update."





AMPP can scale to whatever format we need next. It's built for the future.

Todd Mason,
Chief Executive Officer
and founder of Broadcast
Management Group

Partner Showcases

A good illustration of this model is BMG's partnership with UBS Financial. The global financial firm turned to BMG to rebuild its broadcast and podcast facilities in New York, following a pandemic-era consolidation of its corporate offices.

BMG designed and delivered an entirely new system architecture, including a studio, control room, editing suites, and podcast space. Rather than housing servers locally, all core systems now reside in the Washington, D.C. NOC. Grass Valley AMPP powers the MAM, recording, and playout channels, providing the kind of functionality UBS previously lacked.

"Relying on LaCie drives to store nearly 32 terabytes of data each year was increasingly risky, with the potential for significant content loss, and serious reputational and regulatory consequences," a UBS representative explains. "With the BMG/Grass Valley Framelight X MAM system, our content is now securely managed, and the ability to easily search and tag assets makes locating files seamless and straightforward going forward."

Editors in New York now access growing files in real time, cutting

content while broadcasts are still on air. Because AMPP is cloud-native, UBS teams across the globe could be brought into the same environment with minimal configuration. "One of the real advantages of AMPP is how easily we can add users around the world," Mason continues. "A client such as UBS could extend the same ecosystem to their offices worldwide, all within a single platform."

VPM

A similar philosophy is guiding Broadcast Management Group's (BMG) partnership with Virginia Public Media (VPM), a PBS affiliate serving Central Virginia. BMG is designing and building a complete, end-to-end broadcast facility for VPM's new headquarters in downtown Richmond. This modern media center unites television, radio, podcasting, and digital operations under one roof. Working closely with VPM's leadership and architects, BMG's consulting and systems integration teams are defining workflows, infrastructure, and space planning to support both current and future content creation needs.

At the heart of this new facility is a next-generation, cloud-connected workflow powered by Grass Valley AMPP. BMG is deploying Grass Valley cameras and AMPP-hosted playout

and asset management systems, connecting them directly to the BMG Cloud Control Center for centralized monitoring, redundancy, and disaster recovery. This design gives VPM the flexibility to scale production resources on demand while ensuring broadcast-grade reliability. When completed, the new VPM facility will stand as one of the most advanced regional PBS installations in the country — an example of how AMPP-driven workflows and BMG's turnkey approach are redefining the future of public media operations.

Scaling for What's Next

In terms of growth and scale, the new Washington, D.C. NOC is just the beginning for BMG. The company plans to build two large television studios on-site in 2026, alongside new connected facilities in Los Angeles and New York City. Each will feed into the NOC via Grass Valley's interconnected systems, allowing operators to manage multi-camera live and live-to-tape productions from a single control point. All systems currently operate in 1080p HDR and are fully upgradeable to 4K, thanks to Grass Valley's forward-compatible architecture. "AMPP can scale to whatever format we need next," says Mason. "It's built for the future."



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The company has even centralized its video shading operations, enabling engineers in Washington to control and color-match cameras at remote sites or inside mobile units anywhere in the U.S. This innovation is possible due to the consistency of Grass Valley's camera and control technology across BMG's fleet.

For clients, the benefit of this Grass Valley-enabled infrastructure is not just flexibility but also assurance. Hosting AMPP within BMG's private cloud provides 24/7 engineering support, redundancy, and the ability to scale without adding local staff or hardware. "By hosting AMPP in our private cloud, we give clients reliability and redundancy they've never had before and without needing full-time engineers on site," Mason notes.

This 'always-on' approach allows BMG to deliver enterprise-grade media operations as a managed service, a model increasingly attractive to clients balancing creative ambition with cost and compliance.

Future Vision

Since adopting Grass Valley's technology, BMG has seen rapid, sustained growth, increasing revenues by 50 percent in 2023, with a further 30 percent in 2024 and beyond. Much of this momentum, Mason says, stems from the ability to deploy scalable, cloud-enabled services quickly and reliably. "Grass Valley has been an exceptional partner from the top down," he adds. "Their leadership shares our vision for the future of live production, and they've been instrumental in helping us bring that vision to life."

For BMG, AMPP has unified what were once fragmented, location-bound workflows into a single, intelligent ecosystem, and combined with K-Frame switchers and LDX camera systems, Grass Valley solutions are enabling BMG to deliver broadcast-level control and quality across any workflow; whether a fully staffed studio, a hybrid REMI event, or a globally distributed corporate network.

"With Grass Valley's AMPP," Mason concludes, "we've achieved unparalleled flexibility: a complete, scalable, cloud-based production ecosystem that empowers us to deliver the highest level of broadcast services for every client."

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