

eMAM Media Asset Management & Archiware P5 Archive Integration

Comprehensive Media Lifecycle & Archiving

Managing high-volume digital media assets across active production and long-term storage requires a unified, automated infrastructure. eMAM provides a scalable Media Asset Management ecosystem that organizes, tags, and processes content across cloud, on-premises, and hybrid environments.

Through direct integration with Archiware P5 Archive, eMAM allows organizations to seamlessly move inactive or finished projects to cost-effective LTO tape, disk, or cloud storage directly from the eMAM web interface.

KEY SOLUTION HIGHLIGHTS

- **Unified Workspace:** Single-pane control for online production and long-term offline archiving.
- **Storage Optimization:** Maximize online storage efficiency with automated, policy-driven migration to LTO tape, disk, or cloud storage tiers.
- **Persistent Searchability:** Retain full search, proxy preview, and AI metadata access even when high-resolution original files reside on offline media.

INTEGRATION OVERVIEW

The integration between eMAM and Archiware P5 Archive creates an end-to-end media management and archiving pipeline. Users can initiate archive and restore operations directly within the eMAM web console without switching applications.

Proxies and visual metadata remain fully searchable within eMAM even after high-resolution native assets are migrated offline, ensuring complete visibility into the total media library while preserving expensive online production storage.

- **Direct Web Interface Controls:** Single files, batch selections, complex folder trees, or full project categories can be moved to or retrieved from Archiware P5 Archive through eMAM's central web interface.
- **Background Automation & Monitoring:** Archiving and restoration tasks execute as background processes managed by Archiware P5. Real-time operation statuses, job tracking, and alerts report directly on the eMAM dashboard.
- **AI Tagging & Metadata Preservation:** Technical metadata, custom tags, and AI-generated intelligence (speech-to-text, facial recognition, object detection) remain attached to the asset record in eMAM. This ensures instant searchability independent of physical storage locations.
- **Policy-Based Tiering:** Define automated, rule-based archiving workflows that move assets based on project age, file type, metadata status, or storage capacity thresholds.

KEY OPERATIONAL BENEFITS

By unifying active editing workflows with cold archive management, organizations maximize ROI across their storage infrastructure while eliminating bottlenecks in asset recovery.

- **Streamlined Workflow:** Trigger archive and restore actions directly from the eMAM browser interface without manual file transfers.
- **Economic Storage Use:** Free up high-performance SAN and NAS storage by migrating finished projects to low-cost LTO tape or cold cloud storage tiers.
- **Enhanced Metadata Management:** Maintain complete metadata, AI tags, and proxy playback in eMAM even when master files reside on offline media.
- **Data Security & Redundancy:** Utilize P5 tape cloning and offsite storage options for robust disaster recovery and compliance.
- **Scalable Performance:** Scale archiving throughput with multi-drive parallel read and write capabilities in P5 Archive.

STORAGE & HARDWARE VERSATILITY

Archiware P5 Archive supports LTO tape drives and robotic tape libraries from virtually all major hardware vendors, including Quantum, IBM, Spectra Logic, and Tandberg. For cloud and hybrid setups, P5 Archive connects via standard S3 interfaces to major cloud storage providers, allowing seamless migration between on-premises LTO systems, disk pools, and cloud tiers.

Storage Tier	Supported Media & Formats	Key Operational Benefit
LTO Tape	LTO-7, LTO-8, LTO-9, LTO-10 (LTFS / POSIX)	Lowest long-term storage cost, 30+ year lifespan, air-gapped protection
Cloud Storage	AWS S3, Glacier, Wasabi, Backblaze, Azure	Instant scalability, multi-cloud redundancy, zero physical tape overhead
Disk Storage	SAN, NAS (QNAP, Synology, TrueNAS)	Fast retrieval access, intermediate caching, automated staging

CONCLUSION

The seamless integration of eMAM and Archiware P5 Archive offers media, broadcast, enterprise, and religious organizations a powerful, automated solution to streamline production while protecting content assets over the long term. By freeing up expensive online tier storage and replacing manual media transfers with automated background archiving, the combined solution delivers higher operational productivity, absolute data security, and significant cost savings.