

## Digital Asset Management

Delivered by EMC, Experts in Engineering and Information Management.

In today's competitive industrial landscape, the ability to access and manage accurate, real-time asset data across the lifecycle of a facility is no longer a luxury, it's essential. As organisations strive to reduce downtime, ensure safety, and meet compliance standards, digital asset management (DAM) becomes the backbone of efficient operations and decision-making.

### Why Choose EMC as Your AVEVA™ Partner?

We bring the perfect blend of engineering expertise, software knowledge, and industry experience.

#### ✔ AVEVA Product Experts

Our team includes certified AVEVA™ professionals, former AVEVA™ developers, and engineers with real-world project delivery experience.

#### ✔ Engineering-Led Approach

We understand the language of engineering and operations, ensuring our solutions align with your workflows, not just IT requirements.

#### ✔ Full Lifecycle Support

From initial consultation and implementation to training, support, and optimisation—we're with you every step of the way using the RFM/MOC process & proven methods.

#### ✔ Training & Change Management

We provide AVEVA™ accredited, instructor-led training courses and user onboarding to ensure your team adopts the tools with confidence.

#### ✔ Proven Across Sectors

Trusted by clients in oil & gas, chemicals, energy, infrastructure, manufacturing, and maritime industries.

### Our AVEVA™ Powered Digital Asset Management Services

#### ISM/AIM-A (Information Standards Manager/Asset Information Management Advanced)

Gain a centralised, validated, and dynamic data environment.

- **Single Source of Truth:** Centralises all engineering information, ensuring data consistency and eliminating silos. All data in one CDE (Common Data Environment)
- **Smart Search & Retrieval:** Quickly locate critical documents, drawings, and records using metadata-driven search and 3D object orientated model
- **Data Validation & Governance:** Built-in validation and quality control tools ensure all asset information is accurate, compliant, and auditable.
- **Seamless Integration:** Easily connects with AVEVA™ E3D, Engineering, PI System, and third-party solutions.
- **Lifecycle Traceability:** Tracks changes across FEED, design, construction, commissioning, and operations.

#### AVEVA™ Engineering + E3D Integration

Connect your engineering disciplines and enable a unified 1D/2D/3D environment.

- **Multi-discipline Collaboration:** Supports process, piping, mechanical, electrical, instrumentation, and civil data in a shared environment.
- **Live Synchronisation:** Keeps E3D models aligned with engineering data in real-time.
- **Change Management:** Built-in tools for impact analysis and controlled data updates.
- **Tag-Driven Design:** Enhances object traceability and consistency across design and operations.
- **Supports Digital Twin Development:** Foundation for building a living digital twin that evolves with the asset.



## Document Control & Workflow Automation

Ensure timely document approvals, traceability, and regulatory compliance with intelligent automation.

- **Automated Workflows:** Configure review and approval workflows to streamline engineering and operational processes.
- **Version Control:** Manage document revisions with full audit trails and electronic signatures.
- **Notifications & Alerts:** Never miss a deadline—automatic email triggers for pending tasks.
- **Secure Access Controls:** Role-based access ensures users only see relevant documents.
- **Contractor Collaboration:** Enable external parties to participate securely in document exchanges and approvals. Utilising the industry standards and best practice RFM (Request for Modification) & MOC (Management of Change) processes when maintaining your digital assets reducing the requirement for 3D laser scanning.



## Tailored Deployment & Configuration

We don't believe in one-size-fits-all. EMC configures your AVEVA™ environment to match your unique needs.

- **E3D Easy Deployment Builds:** Rapid implementation of pre-configured, best-practice E3D environments for new projects or brownfield upgrades.
- **Data Migration Services:** Clean, enrich, and migrate legacy data from spreadsheets, PDFs, or outdated systems.
- **Modular Rollouts:** Scale your digital asset system from pilot to enterprise-wide adoption at your pace.
- **Custom Integrations:** Connect AVEVA tools to CMMS, ERP, HMI/SCADA, and cloud platforms like Azure and AWS.

## Your Outcomes

- ✓ Improved data integrity and trust
- ✓ Information management and Data model to industry CFIHOS, FL3DMS, BS EN ISO 19650 ISO 27701
- ✓ Streamlined collaboration across disciplines
- ✓ Shorter project delivery timelines
- ✓ Reduced operational risk and non-compliance
- ✓ Empowered, data-driven decision-making
- ✓ A foundation for your digital twin strategy

## Remote Access & Cloud-Ready Solutions

Enable modern ways of working with AVEVA™'s cloud capabilities.

- **Cloud or Hybrid Hosting:** Deploy on-premise, in the cloud, or hybrid environments for ultimate flexibility.
- **Remote Collaboration:** Enable global teams to work on the same project data, in real-time, from anywhere.
- **Disaster Recovery Ready:** Safeguard critical asset data with reliable cloud backups and high availability architecture.
- **Mobile-Friendly:** View, comment, and collaborate on asset documents and models via mobile devices.

**Ready to modernise your asset data ecosystem with AVEVA™? Let's Talk Digital Asset Management.**

**Contact EMC today!** Email [colin.fairweather@emcserv.com](mailto:colin.fairweather@emcserv.com) or [gary.patterson@emcserv.com](mailto:gary.patterson@emcserv.com) or call us on 020 363 363 03 (Option 2), and let's get started.