

EMPRESS eMAM WITH DELL EMC ISILON & ECS

BENEFITS

Scalability: Dell EMC Isilon has the unique ability to scale a single file system on the fly for both small and large files with strong global consistency. With linear scaling, performance is increased with added capacity and costs are reduced with increased system productivity. eMAM can likewise scale to meet the needs of a growing user base and additional infrastructure without obsolescence.

Flexibility: ECS can be deployed as a turnkey storage appliance, as a software-only solution to run on industry-standard hardware, as a Dell EMC hosted ECS-as-a-Service, or a combination. The hosted site can be used as an active site or as a replication target to increase storage efficiency and availability. eMAM likewise can support the changing and growing homogenous or heterogeneous systems on one or more local or cloud environments.

Cost-effective: The system brings all the benefits of a public cloud to a data center while controlling costs. Dell EMC offers a 48% lower total cost of ownership with lower storage overhead (7.8 PB in a single rack), a small data center footprint and high storage utilization compared to traditional storages and public cloud services. The combined system can be scoped to meet current demands, and then easily scaled as demand may grow. Configuration settings in eMAM facilitate system setup and later reconfiguration as needed.

Combined High-Performance Asset Management, Storage, and Archive Solutions

Business Challenges

The volume of unstructured data has exploded in the past decade and it is growing at an unprecedented rate. Burdened by traditional storage systems built on storage silos (with increasing security risks and costs), IT teams have struggled to keep up with the explosion of material. Whether content is in the cloud or on-premises, one of the most challenging and difficult jobs is to manage the digital file based workflows efficiently.

Solution overview

Empress and Dell EMC together deliver complete, integrated solutions to search, manage, share, store, and protect unstructured data with efficiency and massive scalability. eMAM leverages storage technologies from Dell EMC to manage the lifecycle of the content from production to archive. The combined solution offers a powerful, yet simple-to-manage storage platform. Isilon and ECS represent industry-leading scale-out file and object storage platforms, leading in scalability and performance for growing libraries of media content. With eMAM, the platforms are easily managed to facilitate the demanding workflows for the creation, sharing, delivery, and archive even more contents.

eMAM

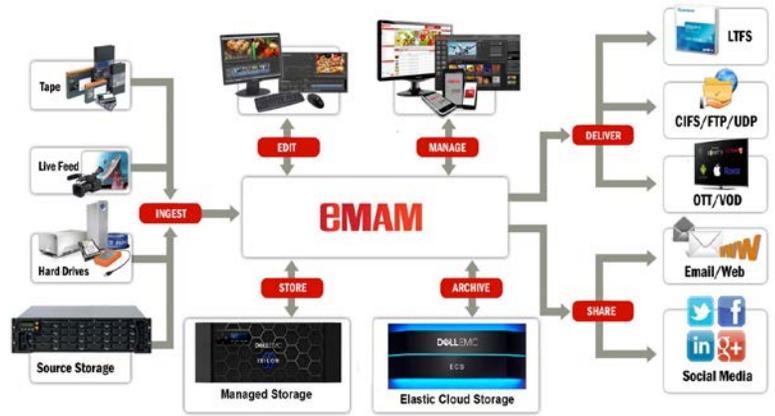
eMAM is a powerful media asset management system that streamlines file-based workflows of modern organizations from its web or tablet based interfaces. eMAM manages original content across any combination of local storage systems, storage tiers and archives as well as cloud-based systems, by building an online proxy library with secure access to high-resolution media for all authorized stakeholders.

ISILON & ECS

Dell EMC Isilon storage is a scale-out network-attached storage system, designed for high-volume storage, backup and archiving of unstructured data to maximize performance, efficiency, and flexibility. To support demanding, large-scale content workloads for media applications, the Isilon OneFS® operating system delivers up to 100 gigabytes per second of system throughput at capacities up to 68 petabytes. Isilon is simple to install, manage, and scale, reducing operating expenses. Dell EMC ECS is a massively scalable enterprise-grade private cloud solution providing extremely high levels of storage efficiency, resiliency and simplicity. All data is automatically balanced to optimize capacity and performance. It can scale while maintaining performance. ECS brings all the benefits of a public cloud to a datacenter while controlling costs. ECS simplifies the availability of digital media with a multi-site, active-active architecture to facilitate global collaboration while providing a highly durable media archival.

How this solution Improves MAM

The combined solution from Empress and Dell EMC offers impressive performance, power, scalability, tiered storage management, archive management and strong security features to protect the most sensitive media assets. In this joint solution, Isilon and ECS are deployed directly into existing eMAM workflows, easing content production, review & approval, sharing, distribution and archive management. Together they provide a secure file services platform that delivers storage, data protection and collaboration features cost-effectively.



Key Features

Power: Improved data durability and availability meet SEC 17-A4 requirements and Federal Common Criteria. Users have more control of data assets with enterprise-class object, file and HDFS storage in a secure and compliant system. eMAM can manage tens of thousands of users.

Future-proof: ECS is an object storage platform for both traditional and next-gen workflows. With features such as instant metadata search, multi-protocol access and geo-distributed storage, users can transition from traditional to next-gen storage. The extensibility and openness of eMAM allows for future changes and growth.

Secure: ECS serves as a secure and affordable on-premises cloud for archival and long-term retention purposes, providing data security while increasing storage efficiencies. Single cloud tenancy ensures security and easy upgrade control. Data is secured at both the disk and site level with no data residency risks. eMAM has granular security settings, controlling user activities and permissions with content, configurable with LDAP or SAML for simplicity.

Search: Users can instantly access the right information, anytime, anywhere from any connected device.

Performance: Powerful search features provide instant access to proxy content and the rapid access to native resolution original media. Capacity, performance, utilization, and processes can be monitored to optimize performance.

TAKE THE NEXT STEP

Contact your Dell EMC sales representative or authorized reseller to learn more about how Dell EMC Isilon solutions can benefit your organization.

[Shop Dell EMC Isilon](#) to compare features and get more information.

[Learn more](#) about eMAM solutions.



[Learn more](#) about Dell EMC solutions for Media and Entertainment



[Contact](#) a Dell EMC Expert



[View more](#) resources



Join the conversation with [#DellEMCStorage](#)