Intra-agency and inter-agency data sharing

THE BIG PICTURE
A powerful new storage offering category called cloud optimized storage, EMC Atmos offers:
• Policy-based information management
• Massive global scalability
• Streamlined delivery with object metadata and policy filters
• All-in-one data services, from replication to versioning
• Automated systems management to reduce administration costs
• Multi-tenancy serving multiple applications from the same infrastructure
• Browser-based administration tools that enable administration from any browser

INCREASE YOUR AGENCY’S ASSET-SHARING CAPABILITIES
Within the federal community, overlapping and complimentary missions demand the sharing of information. This necessary data sharing may be required by rules and procedures or dictated by immediate events and mission imperatives, especially in today's high threat level environment. Whatever the cause, mission needs will dictate the inter-agency and/or intra-agency data sharing parameters. The common problem is that the vast informational assets of federal agencies are widely distributed. They are also subject to varying levels of security, managed within separate data centers and private clouds, and stored throughout the nation and the world.

Cloud storage provides the most logical approach to this pervasive data sharing dilemma. EMC® cloud infrastructure solutions enable massive volumes of data assets of all types to be consolidated, managed, secured, stored, and shared as a single entity.

Consolidation of information assets into tagged and indexed metadata vastly improves the speed of selecting the most relevant shared data. EMC cloud storage solutions give government agencies the economic benefits of shared assets in a secure environment. They offer controlled access that is rapid and ubiquitous from any Internet-connected device, throughout the agency and beyond, to other agencies within the federal community and with authorized partners.

EMC EXTENDS YOUR CLOUD TO MEET YOUR DATA-SHARING MISSION
All federal, civilian, defense, and intelligence organizations have two common, but all too often conflicting requirements: share information and control costs. The economic gains that can be achieved by cloud infrastructure solutions, in terms of reduced time and data management expenses, achieve both goals. The self-service character of cloud-based computing allows use to adjust elastically, expanding and contracting in a natural way to match fluctuating workload demands from multiple sites, with minimal management effort. With virtually no limitations on usage loads or data volumes in the cloud, informational assets are shared with never-before-possible speed and efficiency.

EMC cloud computing solutions are specifically intended to meet the specialized needs of federal organizations. They are tested and proven in practice, and we are already performing petabyte programs. At the center of our solution is the creation of a massively capable, secure storage enterprise that enables all the following capabilities:

EMC CLOUD STORAGE SOLUTIONS FOR GOVERNMENT
• **Location-independent resource pooling** scales the entirety of resources pooled together in
the cloud to serve all users regardless of their physical locations.

• **On-demand self-service** enables your users to provision storage resources exactly as they
need them from their own workstations, without having to contact or interact with a service
administrator.

• **Ubiquitous network access** makes capabilities available to your authorized users via their
standard Internet browser.

• **Rapid elasticity** means that all pooled cloud resources can be rapidly provisioned and
accessed in a holistic manner without limitations on quantity or time.

• **Measured service** automatically controls and optimizes resource use via metering of key ser-
vice elements, such as bandwidth, which provides transparency for both provider and user.

• **Ensured security** delivered to the cloud environment by RSA®, not only to authenticate
and authorize, but also to track all the way down to the individual data element.

**EMC ATMOS: MULTI-TENANT DISTRIBUTED CLOUD STORAGE FOR UNSTRUCTURED CONTENT**

A key component for delivering cloud solutions, EMC Atmos™ is a multi-petabyte storage
solution that combines scalability that is massive enough to meet the requirements of any
federal agency, with automated data placement to distribute information across the nation
and around the globe. This complete HW/SW solution from EMC runs on low-cost, high-density
hardware and makes vast amounts of information readily available to users regardless of
where they are or what device they are using for access. Because Atmos, despite its massive
global scale, is operated as a single unified namespace, management and configuration are
easy and cost effective. EMC Atmos is available in configurations ranging in initial size from
60 TB to 720 TB.

EMC Atmos is compatible with the proven capabilities of the EMC storage solutions portfolio.
EMC enables the optimized end-to-end information authenticity and integrity, provided by
EMC Centera®, which is necessary for archive storage and regulatory compliance.

**EMC IS READY TO HELP WITH YOUR CLOUD DECISION**

Moving into a whole new realm is a big decision. Our EMC cloud experts will meet with you
to discuss all the possibilities and determine the appropriate approach for your agency’s
current and anticipated needs. Learn how EMC can natively integrate cloud principles into
net-new applications and programs constructed to match your specific multi-site needs. We
can integrate Atmos storage HW/SW, possibly along with EMC Atmos-powered storage services,
into your new cloud baseline, and migrate legacy applications that make sense from a cost
and utility standpoint. The result is your new comprehensive, cloud-based solution to intra-
agency and inter-agency data sharing and storage. Your cloud.