

A JOINT OFFERING FROM EMC AND PROPYLON

Enterprise electronic records preservation for the public sector

ESSENTIALS

- E-democracy initiatives aim to harness new information and communication technologies to enhance citizen engagement within government agencies.
- Offering information and services online helps citizens better understand their government, enhance participation, improve communication, and increase government accountability.
- The preservation, authentication, and accessibility of government and agency records is one of the key challenges of open government and E-democracy.
- Transparent government enables participation and collaboration, and promotes efficiency and effectiveness at all levels of the public sector.
- Government documents and records must be authenticated and digitally preserved for an indefinite period of time to meet evolving compliance requirements.
- By reducing complexities and enabling more efficient IT processes, governments are able to deliver better and faster services to citizens while reducing operational costs.

Across all branches, and at every level of government, the digital preservation and authentication of records is a growing challenge. As a result, global market demand is growing for technologies that offer efficient digital preservation solutions. Governments and other regulatory bodies across the globe are mandating the authentication, preservation, and accessibility of their content to make it readily available to all constituents and stakeholders. The variety of content now being digitized, authenticated, and archived is extensive and expanding.

Here are just a few examples:

- Court records
- Birth/death certificates
- Medical records
- Insurance documents
- All records created as part of the legislative law making process

Whether it's the creation of new legislative documents or the digitization of existing content, preservation and ease of access is vital for citizens and public sector organizations. The management of all of this information can be complicated, time consuming, and costly for IT departments. The movement toward digital preservation isn't just about archives, it's about making information accessible and easy to find for all.

In addition to the multiple formats to be archived, agencies and departments have different policies and procedures for retaining and managing their data. This can make it difficult to find a "one size fits all" solution. Fortunately, EMC and Propylon have extensive domain expertise in digital authentication and archive management. Our proven joint solutions have enabled government agencies to transition from manual, paper-based systems to more efficient and effective digital systems. This reduces cost and risk to government departments. It also makes information more publicly available to citizens, thereby fostering a more collaborative, transparent, and engaged government.

PROTECTED, AUTHENTICATED ARCHIVES

Along with transparency, government agencies are also accountable in terms of protecting records for the long term. The International Organization for Standardization (ISO) has encouraged the development of standards to support long-term preservation of digital information. Initially used for the preservation of space data by global agencies such as NASA, these standards are now being adopted by all agencies and levels of government. This set of regulations is commonly referred to as the OAIS, (Open Archival Information System).

The OAIS is a reference model used by an organization to create and maintain an archive for a designated community. The OAIS model offers a conceptual framework specifically focused

on preserving and maintaining multiple types of digital information over the long term, and is robust enough to adapt to new technologies, data types, and consumers.

Application of OAIS standards by EMC and Propylon enable public sector customers to set policy around which digital records should be retained and for how long.

- The integrated open source solutions will provide municipalities, state, and federal governments with enterprise-wide, trustworthy, digital repositories for electronic records.
- EMC and Propylon digital repositories will provide compliant public access to authentic records to support E-democracy, accountability, and transparency in government.
- These solutions are built on the international standard for trustworthy digital repositories—the Open Archival Information System (ISO 14721:2003).

PROPYLON TECHNOLOGY FOR REGULATION AND COMPLIANCE

Propylon is the market leader in legislative and regulatory content management. The company's solutions encompass authentication, classification, and preservation of digital archives within the public sector. Propylon has worked with customers in the United States and Europe to deliver effective solutions that save agencies money, time, and resources.

In addition, Propylon's legislative and regulatory solutions automate and streamline the unique challenges of the legislative process. Solutions are offered to manage legislation throughout its full lifecycle—from in-chamber drafting to the MyLegislate® iPad/tablet interface used by members, constituents, and other data consumers.

Key features of Propylon's software include:

- True "long-term preservation"—future proof formats and backward compatible document integrity
- Security—verifiable document provenance and "chain of custody"
- Customizable submission agreements
- Document and access workflow management
- Advanced reporting
- Archivist digital signatures
- Payment portal interface
- OAIS compliance

EMC SOLUTIONS FOR STORAGE AND MANAGEMENT EFFICIENCIES

EMC understands that public sector organizations need to solve today's business challenges, while still looking toward the future and the changes ahead. We have helped government organizations at the local, regional, and national levels by architecting solutions designed to solve their immediate challenges, while providing longer term road maps for how they can move into the next generation of technology evolution.

Propylon's software solutions have been integrated with EMC® storage platforms to offer customers easy, turnkey solutions which can be quickly implemented and launched for near-term return on investment. EMC's storage infrastructure technologies have the scalability, availability, and flexibility to help customers consolidate their data and manage it more effectively.

With EMC's unified storage products, customers are able to manage growing volumes of information with automated technologies that simplify complex tasks—our interface reduces the number of "clicks" by 90 percent. The products also come with wizard capabilities which streamline common tasks for both physical and virtual environments. In addition, customers can leverage virtual storage capabilities to reduce instances of over-allocation, which means customers pay only for what they need. In lean times like these, that is a necessary characteristic of any technology purchase within the government space.

EMC AND PROPYLON COLLABORATION FOR OPEN GOVERNMENT AND ENTERPRISE ELECTRONIC PRESERVATION

EMC and Propylon have come together to bring tested, proven solutions to their customers. It's about compliance; it's about efficiency; and it's about having two companies with deep expertise within the public sector able to address the challenges faced by organizations operating within it. EMC and Propylon have the industry knowledge and the technical expertise to jointly construct IT solutions designed to maximize your return on investment.

CONTACT US

To learn more about how EMC products, services, and solutions help solve your business and IT challenges, contact your local representative or authorized reseller—or visit us at www.EMC.com. For more information on Propylon, visit www.propylon.com, call (603) 617 2901, or email eDemocracy@propylon.com.

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