

MODERNIZING GOVERNMENT DATA AND APPLICATIONS

MODERNIZATION MANDATES

Federal legislation and mandates have made modernizing applications and data management processes a top priority for government agencies. Legacy management systems don't have the capability needed to engage with the public through the required - more modern - digital channels. These legacy systems are also challenged with the growing stores of data that agencies create and use, as well as the need to keep data transparent and discoverable through modern tools and analytics. The infrastructure that was once standard a decade ago is now becoming unsupported and obsolete, requiring organizations to move to modern platforms and applications that support these new frameworks.

This growing requirement to modernize agency applications and systems creates change management challenges for IT groups. The breadth and depth of data, and the way it changes and interconnects between applications, creates interdependencies that must be mapped and managed to avoid unintended consequences. Agencies must identify and capture the impacts of all modernization changes to avoid catastrophic impacts. An agency needs to understand how its data is generated, how it is stored and managed, and how the data is expected to be used in the future.

ASG Content Services (Mobius) allows agencies to modernize while they consolidate disparate and legacy systems. With ASG Content Services, agencies can proactively address governance services, federate disparate systems into a single view and leverage the Cloud to maintain access, security and storage for their organization's content throughout its lifecycle.

MODERNIZATION WITH ASG DATA INTELLIGENCE

ASG Data Intelligence (DI) gives federal agencies the knowledge and visibility into their data and applications before they start modernization initiatives. ASG DI shows how data moves through the organization to model impacts and helps estimate the scale of impactful changes, such as consolidation. ASG DI also identifies data that isn't being used, enabling smarter, targeted modernization including selecting data for movement to the Cloud.

As a metadata-based platform for data management and governance, ASG DI addresses data auditing, inventory, catalog and lineage. It also provides for impact analysis, reference data management and regulatory compliance.

MINIMIZE DOWNTIME - UNDERSTANDING DATA & APPLICATIONS

Find and capture metadata on data and applications across technologies and separate agency sources. Agency metadata can be ingested, searched, captured and cataloged for better understanding and unified governance.

Consolidate and reduce the data and application footprint. Make assessments and plans now to manage long term storage that minimize the risk of duplicate data and content stores that create uncontrolled footprint creep.

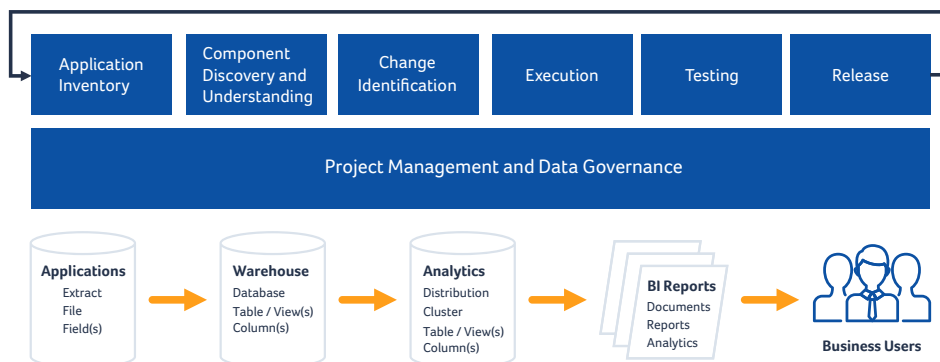
BENEFITS

- Plan, scope and manage costs of modernization initiatives to prevent budget overruns
- Optimize information flows through the supply chain to improve process efficiency and responsiveness to citizens
- Increase trust, use and value of agency data
- Reduce unplanned interruptions and down time
- Minimize cost of infrastructure maintenance
- Simplify content management infrastructure by consolidating repositories and moving only needed content to the cloud

MAIN FEATURES

- Metadata capture interfaces to a wide range of sources across mainframe, distributed, and cloud platforms
- Automated construction of links between data items and applications
- Snapshots to automate change tracking
- Impact analysis
- Wide-ranging data history and lineage
- Hybrid deployment of content management to optimize movement to cloud

THE CHANGE ANALYSIS PROCESS



MODERNIZE YOUR DIGITAL LANDSCAPE

Update applications based on a clear understanding of data and application interdependencies in order to minimize unintended impacts from modernization changes. Fully understand, manage and analyze the impact of change and assess the scope, difficulty and risks associated with modernization of agency applications – whether commercially created, internally developed and/or GOTS applications.

See all the data within the context of application source code. Agency data commonly goes into a code base (often legacy code like COBOL or Java). ASG has the tools to help manage lineage and data flow down to the logic within that code base – not just the data.

Prepare for modernization of content and applications across hundreds of separate agency applications. Regardless of where content and applications reside across the agency or what legacy repository silo they may be in, ASG DI provides a guide to agency data - in a centralized, unified, user-friendly data catalog.

As government priorities like application modernization, improved cross-agency collaboration and better ways to engage with citizens increase, ASG Data Intelligence provides the essential roadmap and the information needed to allow changes to be implemented quickly, accurately and completely.

WHO CAN BENEFIT FROM ASG DI?

ASG DI can help agencies who are:

- Planning for further datacenter optimization
- Modernizing or upgrading GOTS or proprietary applications
- Moving applications or large data stores to the cloud
- Governing and protecting personally identifiable information
- Struggling to optimize data storage and reducing waste

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ASG_Federal_Modernization_20200207en