Innovate!

DATA MANAGEMENT TOOL
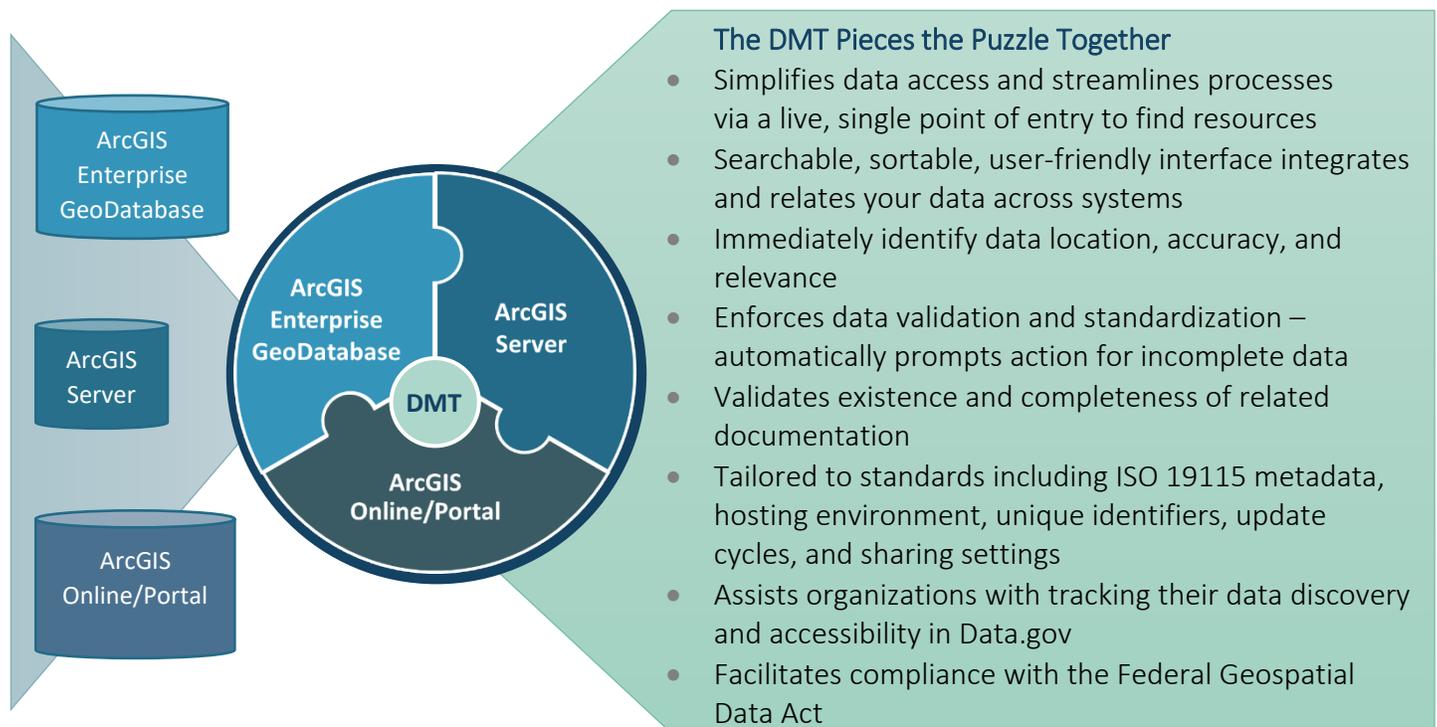
TECHNICAL AND OPERATIONAL EXPERTISE

Unlock the potential of your geospatial data. Know what you have and where you have it. Make better, faster decisions, and let data management work for you.

THE CHALLENGE

Managing a variety of geospatial data types across multiple environments is complex. Data can come from a range of sources and formats, from legacy systems to physical and virtual servers. While many organizations take a database by database approach to implementing data management solutions, these disparate systems may not communicate with one another, resulting in duplicative or erroneous data. Developing a scalable, cost-effective solution to data collection, storage, optimization, and sustainability is the biggest challenge geospatial teams confront today.

THE SOLUTION

Innovate and Esri offer the technology to support your organization's needs. It's called the Data Management Tool (DMT) — a custom, web-based application that provides an enterprise level solution by integrating ArcGIS Enterprise GeoDatabases, ArcGIS Server, and ArcGIS Online/Portal into one central ecosystem.

The DMT Pieces the Puzzle Together

- Simplifies data access and streamlines processes via a live, single point of entry to find resources
- Searchable, sortable, user-friendly interface integrates and relates your data across systems
- Immediately identify data location, accuracy, and relevance
- Enforces data validation and standardization – automatically prompts action for incomplete data
- Validates existence and completeness of related documentation
- Tailored to standards including ISO 19115 metadata, hosting environment, unique identifiers, update cycles, and sharing settings
- Assists organizations with tracking their data discovery and accessibility in Data.gov
- Facilitates compliance with the Federal Geospatial Data Act

esri Partner Network Silver

Federal Small Business Specialty
2018 Award Winner
Innovation Partner

OBJECTIVES

Manage Metadata: The **administration of data describing other data** ensures that users can quickly see and understand the who, what, when, and where of their data, allowing an organization to more easily use and integrate the data in projects and decision-making. It is important for maintaining the consistency of definitions, clarity of relationships, and data lineage.

Identify Asset Gaps: While a data management tool allows users to browse existing data, it must also allow teams to **identify gaps in a data library**. Using standardized naming conventions, tagging, and metadata, users can focus on processing and preparing new content, rather than replicating efforts.

Build Relationships Between Systems: An integrated, enterprise environment connects resources across an organization's architecture. When one environment or resource is updated, users must **understand the affects across the chain of content** to most efficiently and effectively keep data up to date and operable.

REAL RESULTS

The DMT improves the quality, consistency, and transparency of geospatial resources.

- For analysts, faster results through improved discoverability across your organization and the public
- Track across all data systems/locations - identify feature classes that are missing basic metadata and used in map services
- Establish SOPs to reduce redundancy
- Efficiently manage moves/adds/changes to data - identify related feature class/map service/items that need to be updated with any changes
- Cleanup and standardize organizational data - validate metadata published on the organization's Data Discovery Portal and if the feature class is used in an ArcGIS Online item
- Enforce standards/processes for data usage

For those managing the data, this means increased productivity, reduced operational expenditures, contained capital expenditures, and improved work processes.

FEDERAL PRICING* AND SCHEDULE

Innovate Assessment Services – 2-hour Consultation	Free Consultation
Innovate Configuration Services	$ 6,300
Innovate Support	$ 6,800
Training (User and System Administrator Sessions)	$ 1,400
Total Package Price	**$ 14,500**

*certain assumptions apply – pricing/schedule depend on the number of servers/data sources connected to the DMT

FOR MORE INFORMATION

- Please visit www.innovateteam.com for more information about the DMT application
- Contact Frank Roberts, Senior Manager for IT Service Delivery: froberts@innovateam.com; 208-699-2712