

DIT's Decision Support Tool

Data Visualization, Analysis & Modeling for Enterprise Asset Portfolios

Would your organization benefit from:

- User-friendly access to asset portfolio data without waiting weeks for special reports or presentations to be manually prepared?
- The ability to aggregate operational-level data into a strategic context that provides additional value to your management team?
- The ability to easily leverage asset portfolio data to make strategic decisions?
- A quick and easy way to get a "snapshot" view of any aspect of your asset portfolio?
- The ability to model funding and operational impact scenarios across your asset portfolio?

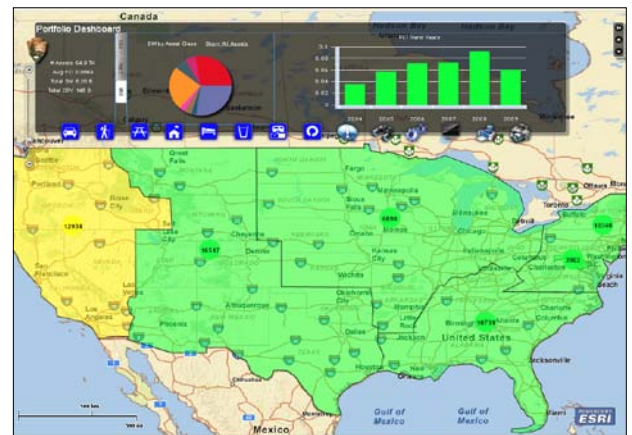
Would you like to quickly and easily view key metrics about your asset portfolio such as:

- The condition of your facilities in a particular region?
- The deferred maintenance or current value of your federal real property assets?
- The location, maintenance history and operational status of critical CBRNE infrastructure assets?
- The location and readiness of deployed equipment for a first responder situation?

The Solution

DIT's Decision Support Tool (DST) is a geospatially-enabled solution that allows users to easily view, analyze and better leverage information about their asset portfolio. Fully integrated with IBM Maximo®, our flexible solution combines the power of interactive, color-coded maps, charts and graphs to visualize real-time, operational data in an easy to understand dashboard format. Whether managing facilities, real property, critical infrastructure or deployed assets, users can quickly toggle between high-level portfolio views or detailed drill downs for locations, assets or individual components. You can zoom in on subsets of data filtered by factors such as geography, condition, readiness, utilization or mission dependency to view detailed information such as work orders, asset readiness, repair history, cost and inventory details.

For asset managers looking to model "what-if" scenarios to predict future state and make data-informed decisions, the DST provides an integrated scenario modeling engine. By changing input variables such as deterioration, readiness and utilization targets, portfolio growth, service levels, and projected funding, you can model what the overall portfolio will look like across various time horizons. Once the scenario is modeled, users can access the dashboard features to filter within the portfolio to better understand impacts on sub-portfolios, locations or individual assets. All scenarios can be saved for future use or displayed side-by-side against other scenarios for comparative purposes.



Built on ESRI's highly extensible ArcGIS® API for the Adobe Flex® platform, DIT's Decision Support Tool can be easily customized to incorporate additional data points, filters and modeling scenarios to best meet your organization's unique requirements for viewing and analyzing your asset portfolio data. By leveraging a Service Oriented Architecture (SOA) the DST can be integrated with any asset management system and can seamlessly retrieve relevant data from external custom or legacy systems such as ERP or Project Planning.



ABOUT DIT

Distributed Information Technologies (DIT) is a minority-owned small business that provides a full range of IT Professional Services and specializes in the delivery of information technology solutions in the functional area of Enterprise Asset Management (EAM).

DIT provides EAM functional and process consulting, custom development and IBM® Maximo® implementation services to help our clients improve their operational and programmatic productivity and to provide high quality customer service.

Our EAM and Maximo clients include The National Park Service, The National Archives, The U.S. Army, The U.S. Marine Corps and Parks Canada Agency.

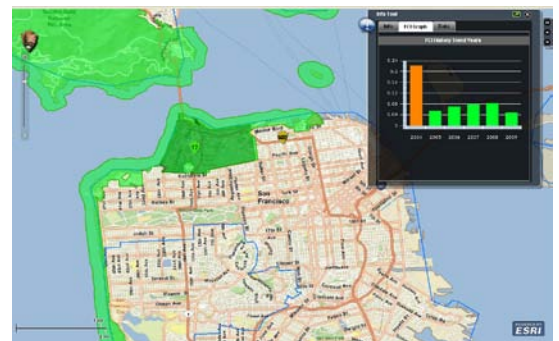
Contact Information:

Chris Yagesh
(571) 483-2724
cyagesh@dtec.com

For more information on any of our products or services please visit us on the Web at:
www.dtec.com

Solution Features and Benefits

- Real-time aggregation and visualization of asset portfolio
- Interactive geographic-based mapping allows drill down from portfolio level views through to region, location and specific assets
- Executive-level dashboard for key metrics such as utilization, condition, value and mission dependency
- “What if” scenario modeling
- Split screen for comparing sub-portfolio subsets or scenarios
- Ability to save filters and scenario modeling criteria
- Ability to export visuals as well as data sets for inclusion in reports and presentations
- Fully integrated with IBM Maximo®, incorporating Maximo’s security framework to control user access
- Easily modified to integrate with other asset management solutions
- Ability to interface with other systems for additional data, for example ERP or project planning
- Presents a holistic, real-time view of the asset portfolio
- Serves as a single point of reference for asset data across the enterprise
- Allows asset managers to easily query asset and federal real property information
- Provides a visual platform for assessing the overall condition of asset portfolio
- Dashboard capability allows for real-time snapshot of asset portfolio metrics for the executive level
- Enables data-informed decision making capabilities, for example in the area of funding allocation alternatives
- Drives more value from the asset data your organization has worked hard to collect



A Success Story

DIT’s Decision Support Tool (DST) is currently being used by The National Park Service. This agency is responsible for the maintenance and operation of assets in over 390 locations comprising more than 80 million acres across the country. The agency’s portfolio is made up of over 65,000 constructed assets across a diverse set of asset types.

Funding constraints and massive maintenance backlogs dictate that the agency maximize investments in projects that have the highest ROI in terms of asset condition and visitor experience/safety. DIT’s DST provides real-time visibility into the past, current and future condition of the asset portfolio based on the effects of potential funding scenarios.

