

# a new horizon for an ever-changing technology landscape

transparency | participation | collaboration

## RECOVERY.GOV 2.0

### Pioneering the Open Government Initiative

Smartronix delivered an innovative Open Government solution for the redesign of the Recovery.gov 2.0 Website. The contract required the design, development, and operation of a complex, secure, and highly available website presenting multiple data sources to millions of users, all within three months. Utilizing advanced geospatial capabilities, business intelligence and analysis, cloud technology, and integration with social media, Recovery.gov 2.0 provides unprecedented data access that enables the average American citizen to participate in the transparency of and accountability for the use of American Recovery and Reinvestment (ARRA) stimulus funds. As of today, it is the Federal Government's largest SharePoint Website implementation.

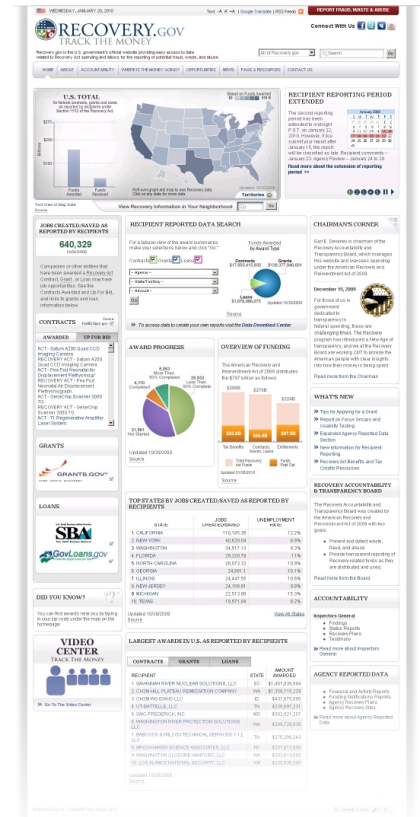
Solution Highlights

- ▶ Rapid Deployment
- ▶ Certified Cloud Solutions
- ▶ Largest Federal Microsoft SharePoint Sites
- ▶ Social Media Integration
- ▶ Geospatial Capabilities
- ▶ Data to Millions

As the prime contractor on Recovery.gov 2.0, Smartronix assembled a skilled team of partners that rebuilt the site's information, network, and security architectures in only ten weeks. Working closely with the customer, the Recovery Accountability and Transparency Board (RATB), Smartronix will continue to refine and improve the Website during the next three years. The task was procured in a competitive environment under the

newly awarded GSA Alliant contract, which also was competitively awarded.

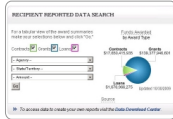
The 2.0 version of the Website was developed to support interests of users ranging from the casual citizen observer to Government watchdogs. Users will be pleased by the new features continually added, which puts a wealth of Federal spending data at their fingertips. The redesigned site went live, with the existing Agency-reported data; and within two weeks, the site began presenting data reported by more than 130,000 ARRA recipients. The redesigned site generated more than one million visits in the first three months with more than five million page views.



1st Task Order Award

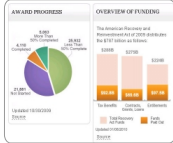


## Recovery.Gov 2.0 Solution Components



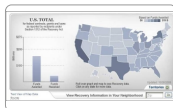
### Cloud Computing Technologies

The use of Cloud technology was leveraged for test and development environments providing rapid environment deployment and significant cost savings. Recovery.gov 2.0 is the first Federal Website to be successfully migrated into a commercial Cloud.



### Business Intelligence (BI) & Data Warehousing

All data is aggregated into a global dimensional data warehouse to facilitate time-based analysis and reporting. The solution leverages Business Objects and SQL Server Reporting Services to generate analysis reports that show how and where the money is being spent. The BI tools enable ad hoc reporting and are instrumental in Data Quality and Data Integrity score-carding.



### Advanced Geospatial Analysis & Mapping

The Geospatial tools allow up to 5,000 concurrent users and enables them to go directly to their communities of interest at a state, zip, congressional district, or county level. Hundreds of thousands of addresses are geo-coded and aggregated to display total values for each area of interest. Thematic maps and multiple view selections were incorporated to help the user better visualize the data. These thematics include funding heat maps, unemployment heat maps, and diversity maps.

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Technologies Used:
• Enterprise Content Management
• Enterprise Search
• Web Services
• Business Intelligence / Reporting Services
• Custom Web Part Development
• Data Warehouse Design and Development
• Geospatial Analysis and Reporting
• Cloud Technologies
• Content Distribution Networks
• VPNs / Multiple Security Enclaves
• Customized Bing ScopeID Application

Technology Products Used:
• Microsoft Office SharePoint Server (MOSS) 2007
• Microsoft FAST Search
• Microsoft SQL Server Reporting Services
• Microsoft SQL Server 2008 Enterprise
• Microsoft Systems Center Operations Manager
• Microsoft Forefront Security
• Microsoft Windows Server 2008
• Business Objects
• ESRI Geospatial
• Amazon EC2 Cloud Infrastructure
• Microsoft Bing Search

## About Smartronix

Smartronix, Inc. is a highly reputable information technology and engineering solutions provider with core offerings focused around **NetOps, Cyber Security, Enterprise Software Solutions, Mission-Focused Engineering, and Health IT**. In today's demanding and ever-changing technology landscape, we continue to provide innovative solutions for a stronger America. Connecting and securing disparate networks, battling cyber warfare attacks, enabling open government and cloud computing initiatives, engineering irregular warfare solutions, and providing vital health care data systems at the time of need are a few of the ways we assure our customer's mission each day - having many proven successes for Department of Defense, Federal agency, and commercial customers.

Headquartered in Maryland, Smartronix has employees worldwide with office locations throughout the United States and continues to offer class-leading, flexible benefits and growth opportunities while expanding operations. Combining more than 15 years of rapid and consistent growth with continuous recognition for being an employer-of-choice technology company, earning coveted industry quality and business certifications, and being awarded diverse contracting vehicles has only enhanced our ability to provide sound, repeatable, yet flexible and agile solutions. Enabling next generation technologies through strategic solutions today. Smartronix, Mission Assured.



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