

## Meeting ARRA SGIG Impact Objectives While Simplifying Reporting Compliance



**Space-Time Awareness Suite:**  
 Industry's leading suite of geospatial analytics composite applications

**Space-Time ARRA SGIG Reporting Solution:**

**Features:**

- Automated, compliant reporting
- Data collection automation
- Automatic Build & Impact metrics calculation
- Single point of integration for project, financial & operations data
- Intuitive collaboration platform
- Workflow process for reviews
- Role-based visibility
- Easy to use interface
- Secure role-based access
- Full grant lifecycle visibility
- Executive dashboards
- Real-time, visual performance monitoring
- Flexible, customizable solution
- Audit trail reporting

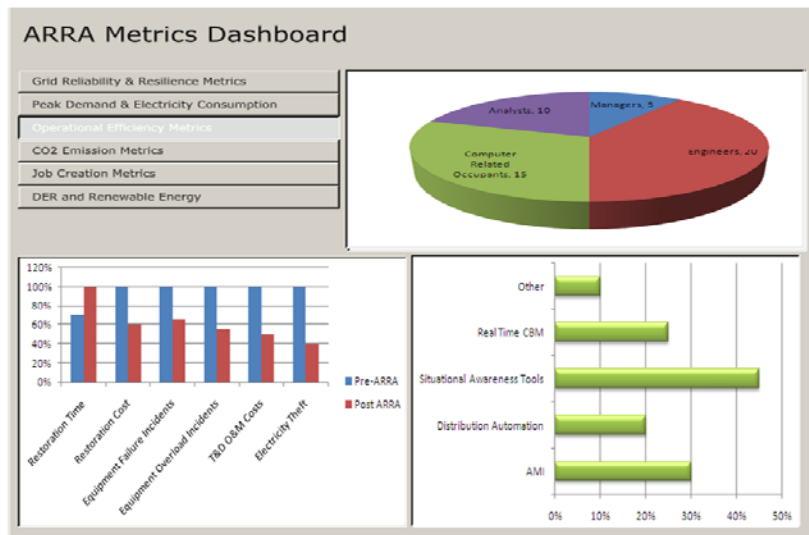
**Benefits:**

- Simplified reporting
- Greater reporting ease, timeliness, accuracy, and consistency
- Easier, more accurate information sharing & review
- Increased accuracy and time savings
- Advance warning to prevent potential audit failures and errors
- Reduced risk of investigation, audit, review, and negative publicity
- Lower risk of fines, penalties, and prosecution
- Improved contextual understanding of Build and Impact results
- Higher grid operations efficiency and reliability

**Customers Say:**

- "Space-Time Insight improves our overall ability to respond to, and even avert, potential system emergencies."

Fundamentally, DOE Stimulus awardees must deliver results - meaningful achievements in Smart Grid development and job creation. The DOE's ferocious reporting and compliance requirements are intended to expose laggards and ensure award recipients are meeting commitments, including accountability for subcontractors. That poses a significant challenge. Fines for violations prosecuted under the Federal Enforcement and Recovery Act can run to millions of dollars, while fines under the False Claims Act can be treble damages. Despite this, compliance does not have to be a burden. The same Space-Time Awareness Server that provides situational intelligence for real-time Smart Grid operations simultaneously simplifies timely, accurate and consistent ARRA SGIG reporting for proof of economic impact and build-out progress.



Space-Time Insight's solutions for the Smart Grid include Space-Time Composites for Demand Response, Dynamic Pricing, Renewable Energy Integration, and Wide Area Visualization of Synchrophasor data for early warning of grid disturbances. These solutions can be delivered complete with fully DOE-compliant automated reporting capabilities, to enable every report from the first through the end of funding. After the grant, Space-Time Insight solutions continue to deliver operations results supporting utilities' and ISOs' Smart Grid objectives.

<b>Transparency</b>	• Role based visibility across the enterprise, across the recipients & sub-recipients and DOE
<b>Timeliness</b>	• Timely and automated submission of DOE reporting
<b>Accuracy</b>	• Eliminate manual processes and automate metrics collection and report generation for accuracy
<b>Build &amp; Impact</b>	• One stop shop for Impact as well Build metrics

Space-Time Insight enables compliant ARRA and ARRA SGIG reporting in addition to enabling Utilities and ISO's to meet their fundamental Smart Grid objectives.

## **Space-Time Insight ARRA SGIG Reporting Solution – Key Features**

- Automated quarterly, semi-annual, and annual reporting in DOE compliant, pre-defined templates
- Data collection automation for data from awardees and sub-recipients
- Automatic calculation of Build and Impact metrics derived from multiple data sources, including project, financial, and both real-time and time series operations data
- Pre-configured calculations for build metrics & impact metrics accurately derived from correlated, analyzed, multi-data source data, including real-time data
- Automated integration with SAP, IBM, and Oracle ERP systems and SAP Project Systems, MS Project, and Primavera P6 project management systems to reduce omitted or repeat data entry
- Pre-defined DOE reporting templates for reporting automation and time savings
- Single point of integration for project, financial and operations data, enabling baseline definition and comparison with actual metrics
- Intuitive collaboration platform for information sharing, joint review, and revision among recipients, sub-recipients, and the DOE
- Workflow process for reporting reviews, enabling accuracy of report data before automated submission
- Role-based visibility across the enterprise, grant recipients, sub-recipients, and the DOE
- Easy to use interface for manual and Excel-based data entry
- Secure role-based access for information exchange
- Full Stimulus grant lifecycle visibility
- Executive dashboards for quick summary reporting of project status and impact
- Real-time performance monitoring and visual analytics, geospatially displayed for contextual understanding of operational status, fast response, and planned results
- Flexibility to accommodate evolving DOE reporting requirements
- Audit trail reports to help identify changes to submissions

## **Space-Time Insight ARRA SGIG Reporting Solution – Customer Benefits**

- Simplified process for reporting, using a single, automated reporting solution that reduces the burden associated with compliant, end-to-end ARRA SGIG reporting
- Greater ease, timeliness, accuracy, and consistency of reporting enabled by a single, unified solution, that is a single point of integration for project, financial, and operations data for Build and Impact metrics
- Easier, more accurate information sharing, joint review, and revision among recipients, sub-recipients, and the DOE via a secure, user-friendly collaboration platform
- Timely submissions and reviews by recipients and sub-recipients enabled by status updates, alerts, reminders, and notifications
- Increased accuracy and time savings delivered through reporting automation and ARRA SGIG report templates
- Advance warning to prevent potential audit failures or erroneous submissions
- Reduced risk of investigation, audit, review, and negative publicity
- Lower risk of fines, penalties, and prosecution under the Federal Enforcement and Recovery Act and the False Claims Act
- Improved contextual understanding of Build and Impact results
- Higher grid operations efficiency and reliability enabled by greater situational intelligence through full-context real-time grid monitoring