

# SPACE•TIME•INSIGHT

## Space-Time Awareness Suite

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

**Features:**

- Automated real-time data and features integration
- Correlation vs KPIs visualized on 3D satellite images
- Geo-links that launch mitigation processes from the same screen
- Automated compliance reporting
- Full-context historical replay

**Benefits:**

- Increased uptime and revenues
- Reduced economic disruption
- Lower probability of regulatory fines and penalties
- Improved asset performance
- Capability to deliver safer, more reliable energy
- Ability to mitigate or avert system emergencies

**Space-Time Composites:**

- Space-Time Energy Composite
- Space-Time Crisis Composite
- Space-Time Renewables Composite
- Space-Time Asset Composite
- Space-Time Service Composite
- Space-Time Market Composite

**Major Markets Served:**

- Energy (Transmission, Distribution, Generation, Renewables)
- Water & Natural Gas Utilities
- Oil & Gas
- Railroad
- Chemicals

**Customers Say:**

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

*"Space-Time Insight delivers early warning."*

*"Space-Time Insight gives us a modern way to view and manage our systems."*

**Space-Time:** (speys-tahym) n. The four-dimensional continuum in which all objects are located and all events occur; a single and continuous framework for existence.

**Insight:** (in'sīt') n. The capability to discern the true nature of a situation; penetration.

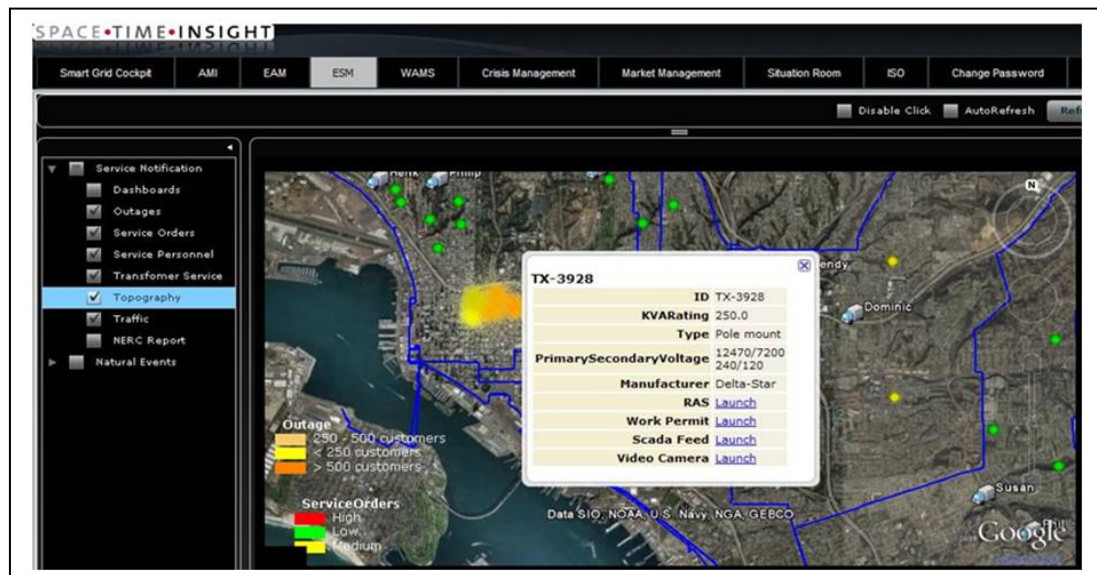
### HALFWAY SOLUTIONS GET HALF THE JOB DONE

You've got dozens of enterprise systems. You're producing numbers, tables, and charts – even graphs, diagrams and maps. You're still missing crucial elements – like visual understanding of your operations in space and time. Worse, your data are sprawled across dozens of databases, tables, and computers.

In the fable of the blind men and the elephant, six blind men touch an elephant to learn what it is. Each touches a different part. Then, they compare notes and find themselves in total disagreement. The man who touched the trunk thinks an elephant is like a snake. The man who touched a leg thinks it's like a tree and so on. Without a complete picture, you too, are operating blind.

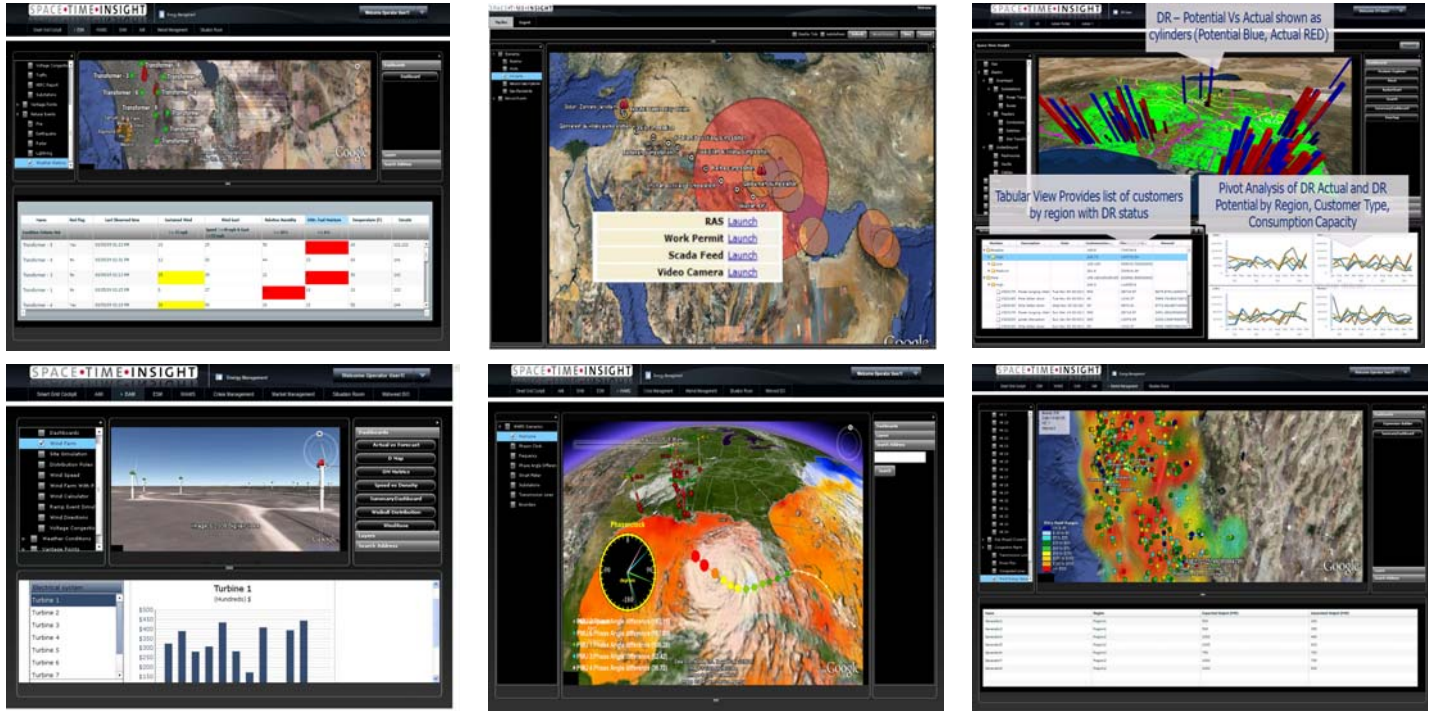
Worse, when you do piece it all together, you have to exit some systems and enter others to correlate data, produce analytics, and address the issues you found.

Today, Space-Time Insight can bring it all together.



**Space-Time Insight** geospatial composite applications deliver full-context situational awareness with the ability to take the right actions – fast – from the same screen.

Space-Time Insight composite applications help you get more value out of the enterprise, legacy, and real-time systems you already have, working automatically with your current systems, no matter how customized.



## Space-Time Awareness Suite – Key Features

- **Automatic aggregation and integration of functionality and data** from real-time data feeds (weather, sensors, traffic), applications, and databases throughout the enterprise to ensure all information relevant to an event or asset is captured in context for informed decision-making.
- **Correlation of the data against operations rule-sets to produce relevant and timely visual notifications, alerts, geospatial analytics and operating status relative to key performance indicators (KPIs).** Data is intuitively displayed on an interactive satellite image with geo-links to real-time work processes. This gives each operator improved situational awareness for greater context and condition-based decision-making.
- **Real-time geo-links to underlying enterprise applications and on-screen, pop-up remedial action scripts (RAS)** that trigger information-rich workflows that mitigate evolving situations or remediate existing problems. The action scripts enable faster action taking in parallel processes and include automated incident reporting on NERC forms, for example, for **compliance** purposes, as well as automated documentation of remedial action taken.
- **Historical playback of events in full-context** for audit, forensics, problem-solving, planning and training.

## Space-Time Awareness Suite – Customer Benefits

- Improved situational awareness & readiness
- Increased uptime and revenue
- Reduced economic disruption
- Augmented asset and workforce productivity
- Informed decisions & prioritization
- Mitigated liability exposure
- Mitigated or prevented outages & incidents
- Balanced grid with timely power re-routing in crises
- Quickened action and reaction times
- Delivered safer, more reliable energy & service
- Improved grid balancing & congestion management
- Reduced probability of regulatory fines