

SpatialKey Features

SpatialKey puts the power of location intelligence in the hands of decision makers. No programming. No specialists. No waiting.

For a more visual overview of SpatialKey features, please visit our Features Tour at www.spatialkey.com/products-features/tour/

- **Map**
 - One of SpatialKey's most powerful features is also its simplest. SpatialKey allows you to visualize location trends from records-based data, like spreadsheets or data feeds containing customers, incidents, or even readings from remote sensors. Using it, it's easy to produce interactive map visualizations that show different levels of information at different zoom levels and even expose the original record data.
- **Analyze**
 - With SpatialKey, data can be visualized based on statistics of different dataset attributes.
- **Trend**
 - SpatialKey makes it easy analyze and see temporal trends in data. A zoom-able timeline pod makes it easy to group data by years, months, or minutes. A heat index pod shows the distribution of your data by hour of day and day of week.
- **Chart**
 - SpatialKey uses analysis and reporting pods to visualize data attributes so you can quickly identify patterns and trends.
- **Filter**
 - Unlike many traditional GIS and data visualization suites, SpatialKey makes it easy to interactively filter data using any data field or attribute—creating new views instantly and interactively.
- **Compare**
 - Different datasets can easily be brought into SpatialKey and comparatively analyzed on the same map.
- **Contrast**
 - By adding multiple maps to a SpatialKey report, you can compare two different aspects of the same data. Comparisons can be based on any attribute or set of attributes
- **Explore**
 - With SpatialKey reports, you can add multiple filters to your data and immediately explore how one attribute impacts the characteristics or distribution of other attributes.
- **Relate**
 - SpatialKey can use geographic areas as filters. You can draw shapes on a map or import existing shapefiles from other systems to isolate data within, near, or outside of a region. You can also filter based on points from other datasets, enabling you to see which points in one dataset are located close to points in another dataset.
- **Collaborate**
 - SpatialKey reports can be shared instantly with one person, a group, with an entire organization, or with outside collaborators. Shared reports are interactive, enabling team members to do their own exploration. When the underlying report data is updated, shared reports automatically reflect the new information. Datasets can also be shared so others can use them to build their own reports.
- **Share**
 - SpatialKey makes it easy to share a PNG or JPG image of any report. Simply take a snapshot from within the report and email it, upload it to Flickr, or save it to the desktop to use in presentations or on a website.



- **Manage**
 - SpatialKey lets you centralize your organization's location-based data. Once you're in SpatialKey, workspaces help you organize your datasets and reports as well as the reports and datasets others have shared.
- **Import CSV**
 - SpatialKey can bring in CSV (comma separated value) files, and it uses sophisticated algorithms to detect dates, times, and other data types in files so it can perform analysis. Datasets can be updated by simply providing a new source file, which can replace or be append the existing data.
- **Import shapefiles**
 - SpatialKey can use shapefiles created with other mapping and GIS tools. These shapes can be displayed on maps, and they can also be used to filter record-based datasets.
- **Automate data management**
 - Automatic creation and management of datasets within SpatialKey can be done via the Data Import API, which enables developers to utilize a variety of platforms and programming languages—like Java, ColdFusion, .Net, and PHP—to sync data between SpatialKey and sources of data like databases and other web services.
- **Geocode**
 - SpatialKey uses latitude and longitude to map data. If your data doesn't include these fields, SpatialKey uses location information—like street address, city, and state—and finds the corresponding latitude and longitude.
- **Export**
 - SpatialKey can be used to bring in and filter data. After the data is filtered, you can easily export the important records as CSV files to be used in other business processes.