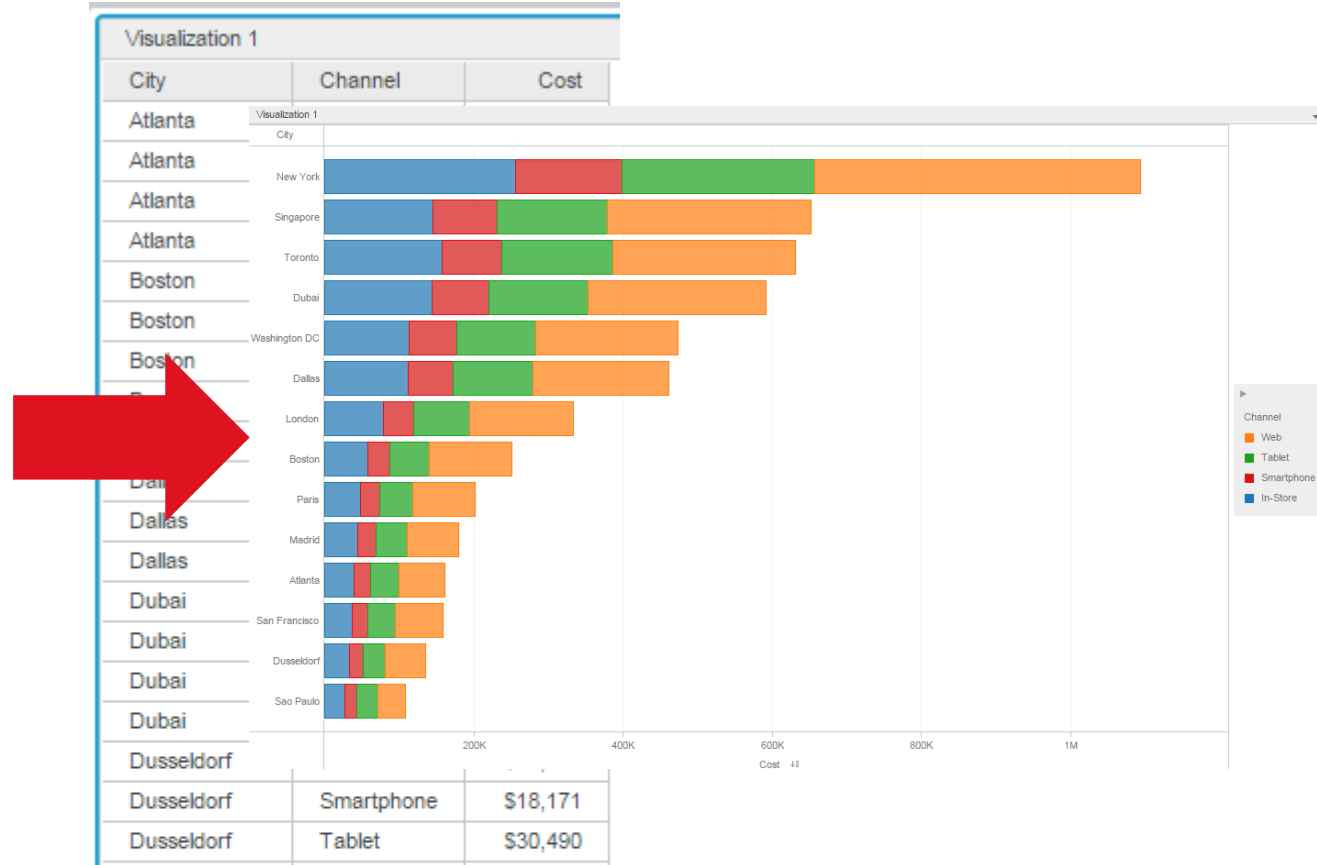




D3 and Maps: Visualize Your Data Like Never
Before in MicroStrategy 10



Raw Data vs. Visualizing Data



What's new in MicroStrategy 10

New HTML 5 user interface

New data sources

Data wrangling

Enhanced third party
custom visualizations

Enhanced maps



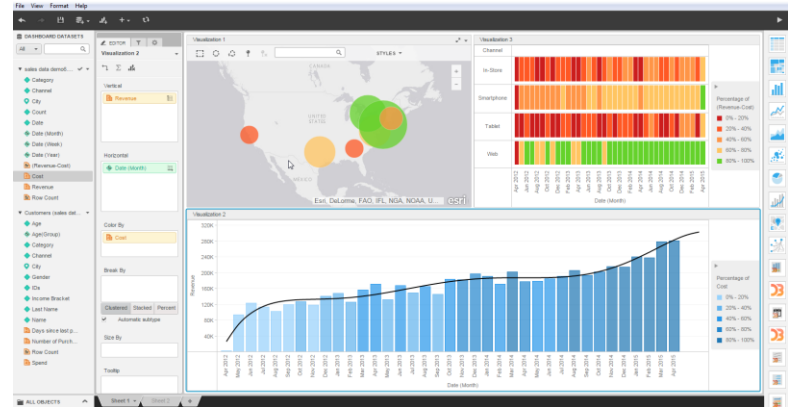
Why Additional Visualizations

Better insights into data

Infinite possibilities of visualizations

Integrates seamlessly with MicroStrategy

Lots of fun





D3 Visualizations

What are D3 visualizations

D3 is a JavaScript library for creating visualizations using data

Utilizes HTML5 standards

Create interactive, dynamic visualizations

Simple for developers to create

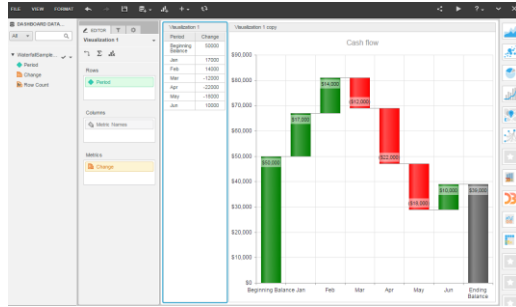


Use Already Created Visualizations

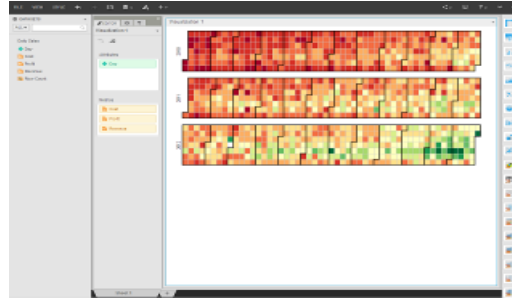
<http://d3js.org/>



Different Visualizations



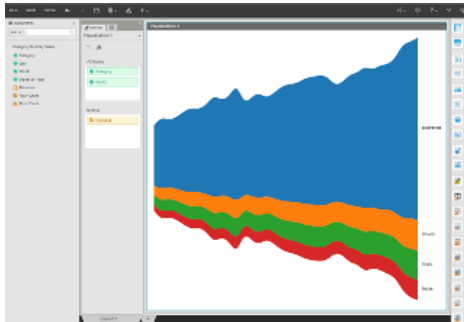
Waterfall



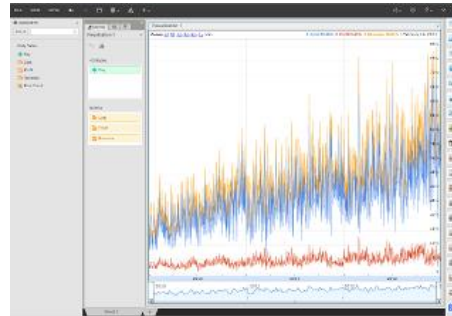
Calendar



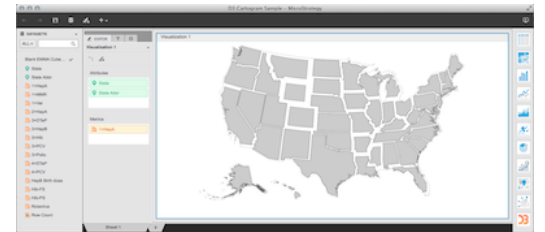
Bubble



Line Charts



Google Graph



Cartogram



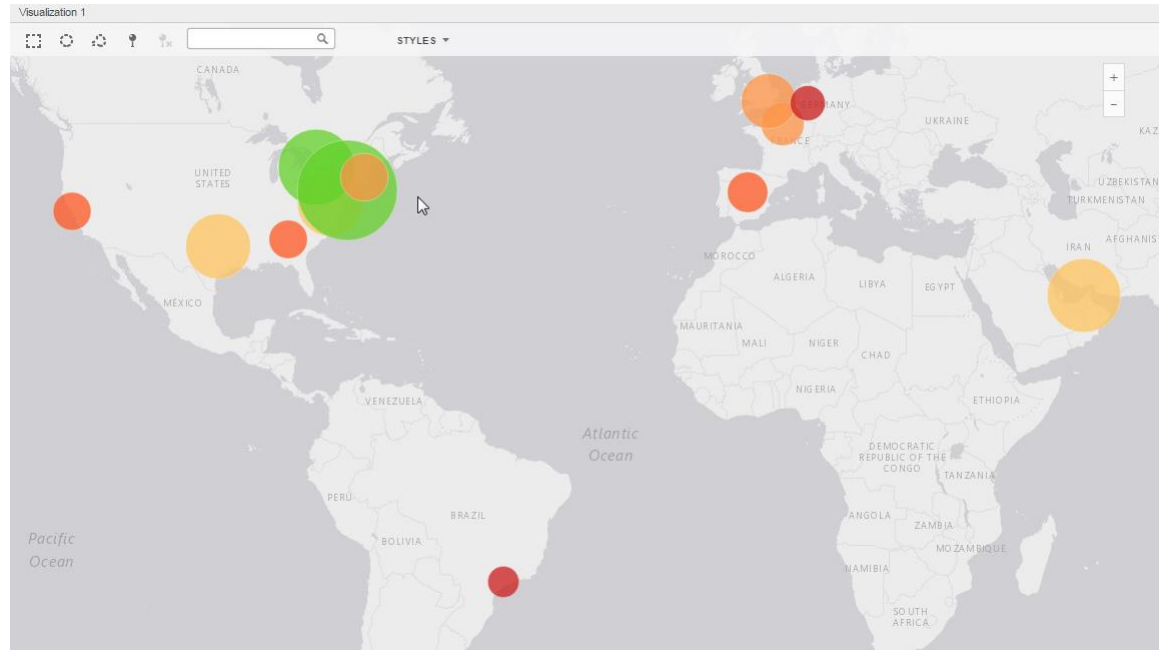
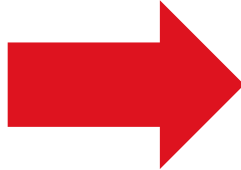
Demo



Maps and Geospatial Visualizations

Insights in Seconds

City	Revenue
Atlanta	184115
Boston	286318
Dallas	528018
Dubai	678706
Dusseldorf	153771
London	378306
Madrid	204389
New York	1257622
Paris	230890
San Francisco	180770
Sao Paulo	123118
Singapore	750523
Toronto	721720
Washington DC	542540



Multiple Map Options

Free out-of-the-box ESRI maps

Free mobile mapping

Apple Map on IOS

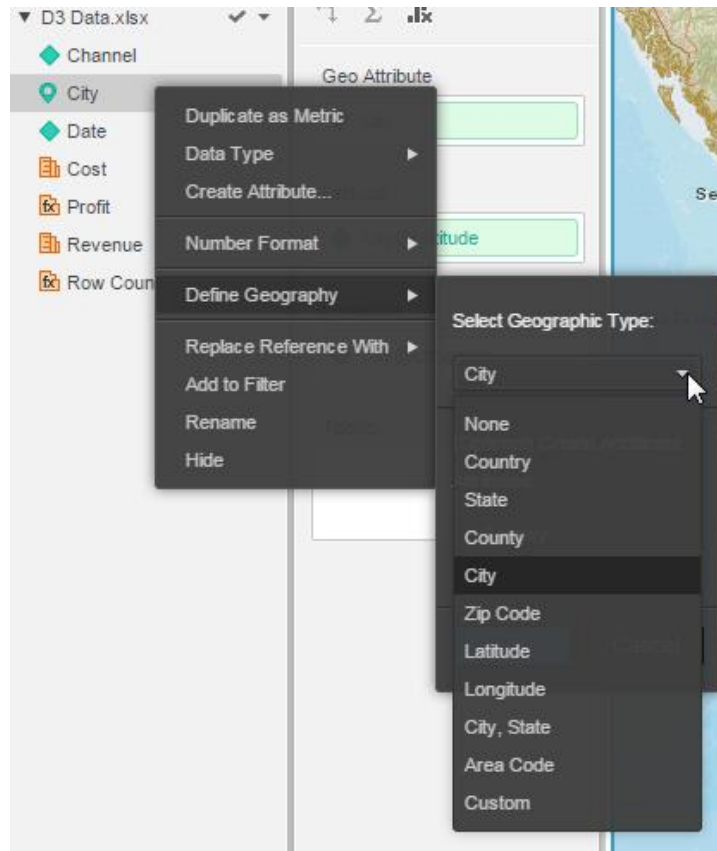
Google Map on Android

Integration with 3rd party GIS partners including

PB MapInfo and Visual Crossing



Enrich Geo-Coding Capabilities



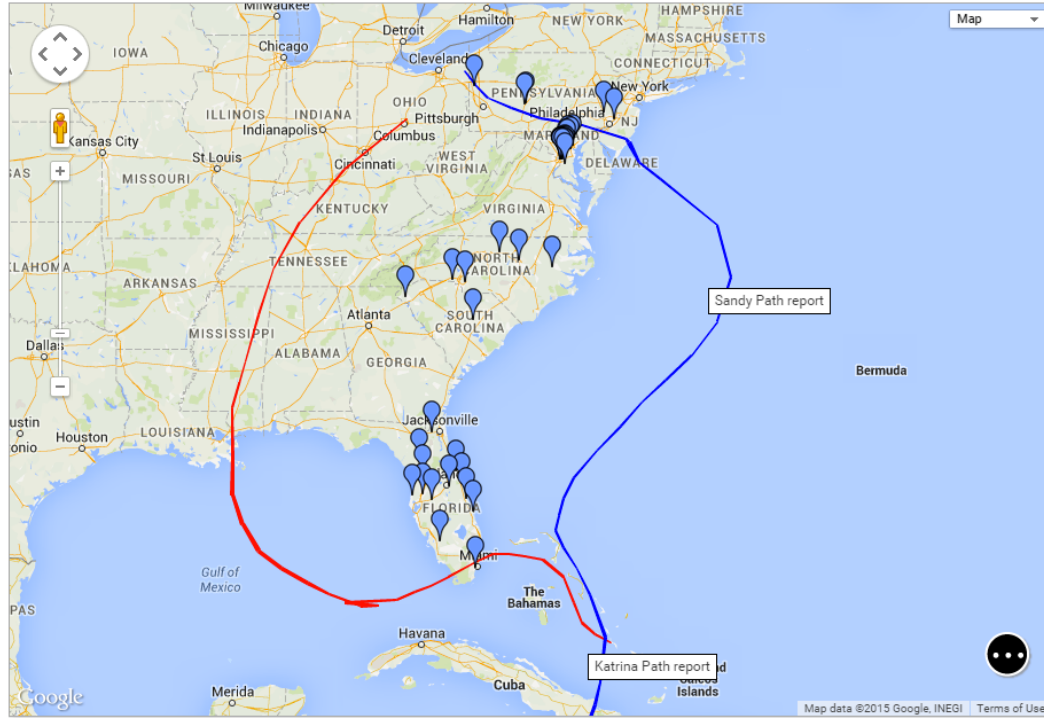
Multiple Map Styles to Choose From



Map Type Options

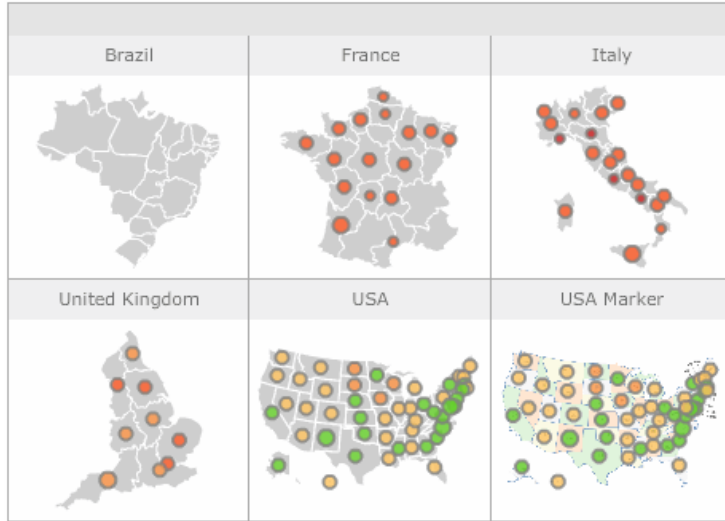


Paths

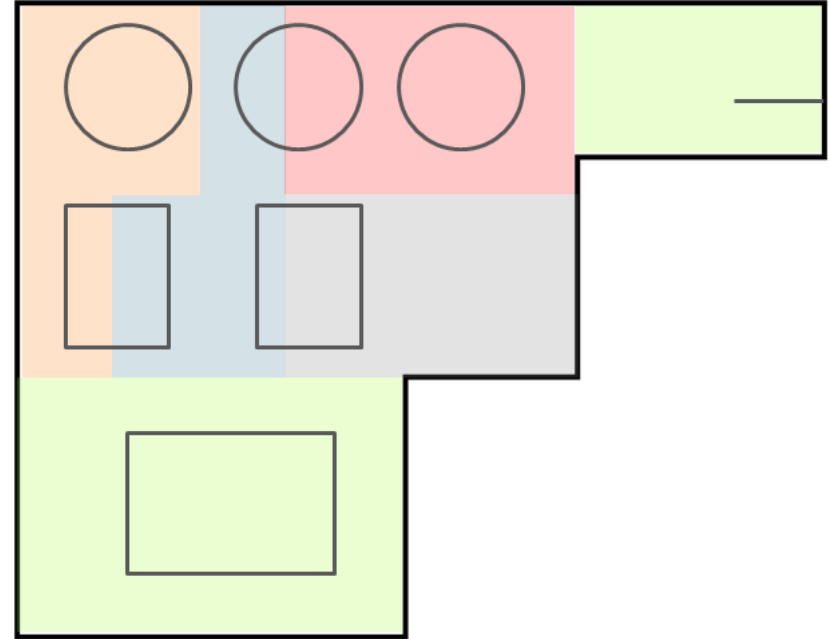


Custom Image Layout Analytics

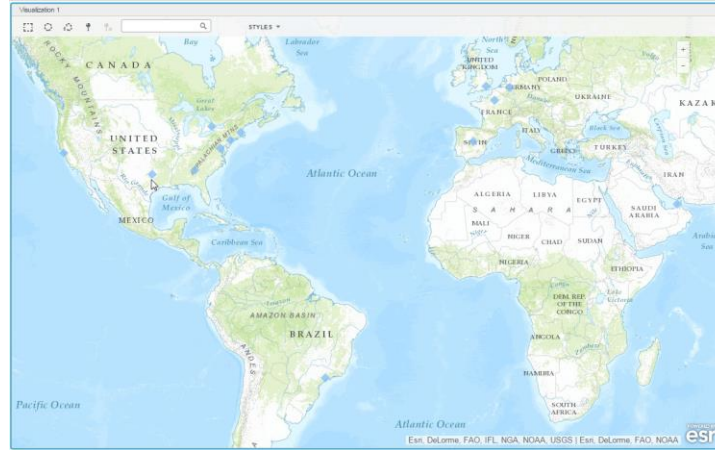
Map Image Layout



Store Image Layout



Out-of-the-box Features



Enrich Geo-coding capabilities

City
Zip
State
Country

Map styles

Street
Topographic
Terrain
Satellite

Marker type

Bubbles
Pins

Clustering

Summary and Takeaways

D3 and Maps provide
new and exciting ways
to discover insights

Free to use with
MicroStrategy license

Available on Desktop,
Web, and Mobile

Additional Resources



Mobile SDK

Mobile SDK provides documentation and sample code to help you customize your iOS and Android applications.

Download



Documentation



Visualization SDK

The Visualization SDK provides all the information you need to create exciting new ways to visualize data in MicroStrategy.

Documentation



MicroStrategy

Developer Zone

API Reference

Detailed information for classes and interfaces: API, Mobile API, Visualization SDK, and Intelligence Server.

Select API

- Contents
- Visualization SDK
 - HTML5 Visualizations
 - Inheriting functionality
 - Using the Visualization Builder tool
 - Learning from sample code
 - Writing your own code
 - JavaScript file
 - Data Interface API
 - Customizing a visualization
 - Deploying a custom visualization
 - Configuration files
 - Samples
 - API References
 - Flash Visualizations
 - Integrating Visualizations with Other MicroStrategy Applications



You are here: [Visualization SDK](#) > [HTML5 Visualizations](#) > Using the Visualization Builder tool

Using the Visualization Builder tool

MicroStrategy provides a tool to help you build custom HTML5 visualizations. The tool includes several sample visualizations to help you create custom visualization. The samples are provided as plug-ins. Each plug-in already contains the code to parse MicroStrategy data and look good. The tool displays CSS and javascript code that you can change and then see the results immediately.

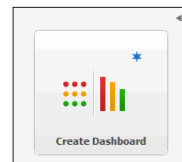
To access the tool, simply add the plug-in for the tool and additional plug-ins for the samples to the appropriate MicroStrategy folder together in a single zip file.

To install the Visualization Builder tool and sample visualizations:

1. Access the plug-ins for the tool and sample visualizations: [JSP version](#) or [ASP.NET version](#).
2. Extract the plug-ins to the plugins subfolder inside the MicroStrategy Desktop or Web installation folder.
3. Restart your web server.

To use the Visualization Builder tool:

1. Open MicroStrategy Desktop or Web. There is a new link, called Visualization Builder, on the navigation pane:





Thank you