

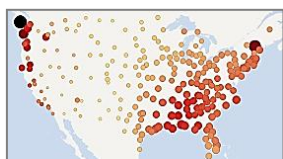
Map Chart Layer Types

TIBCO Spotfire Map Charts can be configured with a variety of different layer types, including *Map Layers*, *Marker Layers*, *Feature Layers*, and *Image Layers*. This topic will focus on the **WMS Layer** type. *WMS Layers* can be added, along with other layers in your map chart, in order to provide context for your data relative to information available on a wide variety of external web resources or from your own internal WMS Server or Esri ArcGIS Server (with WMS Service enabled).

Map Layers



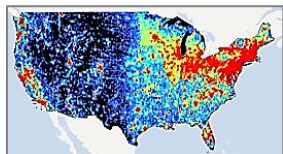
Marker Layers



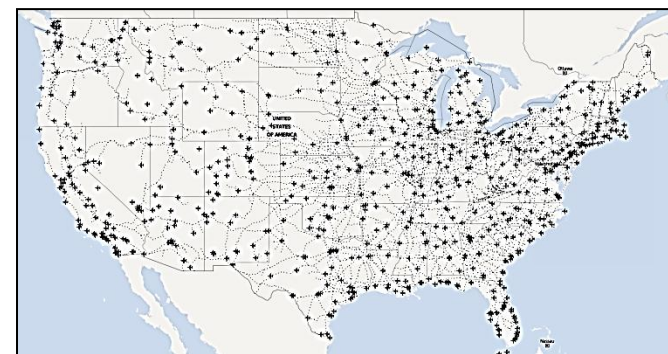
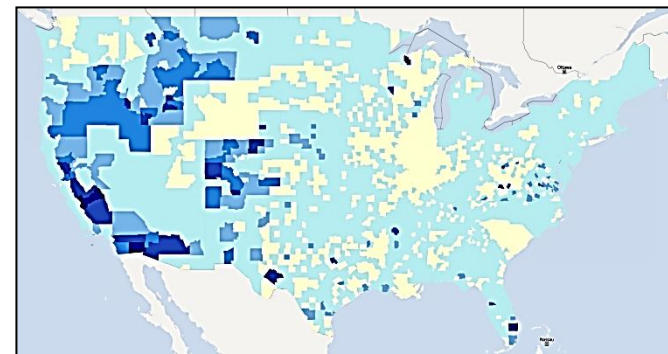
Feature Layers



Image Layers



WMS Layers

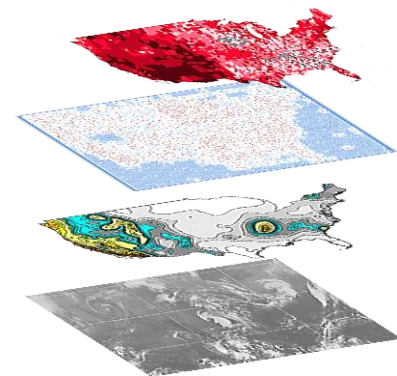


Benefits and Limitations of WMS Layers

Benefits of WMS Layers:

- Web Map Service is a widely-supported protocol for serving and querying map images and shape files over the Internet that are generated by a map server using data from a GIS database such as Esri ArcGIS. In addition to Esri, this gives you access to map images from Oracle, Autodesk and a number of open source providers.
- MapChart data layers are added directly from an ArcGIS or a WMS server, without having to import shape files as data tables, which allows you to visualize geographic layers of interest which are always up-to-date with server data.

WMS Server



TIBCO Spotfire client

Limitations of WMS Layers:

- You must have some knowledge of the WMS server structure and which sublayers you wish to visualize, otherwise you may be searching for a needle within a haystack of information.
- The data for a WMS layer is not provided as a Spotfire data table; therefore it cannot be made an interactive layer. Consequently, you cannot mark or filter data in the WMS layer. In this way, you might consider the capabilities of the WMS layer more like Map layers, rather than Marker or Feature layers in Spotfire map charts.

Using Web Map Service (WMS) in Spotfire Map Charts

How to Add a WMS Layer

Configuring a WMS Layer is a very straightforward process.



Launch the **Properties** dialog for the Map Chart, **Layers** section.

Use the **Add** button to select **WMS Layer**.

In the resulting **WMS Layer Settings** dialog, in the Map section:

1. enter the **URL** for the the Web Map Service server
2. select from the list of **Available sublayers** those which you wish to **Add>** to your map chart visualization

