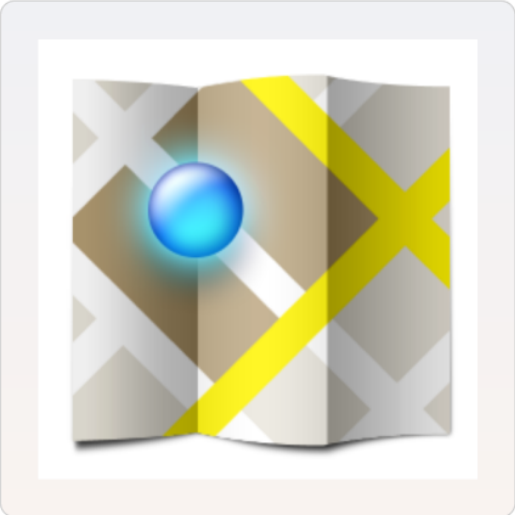
MapsESRI Control Reference

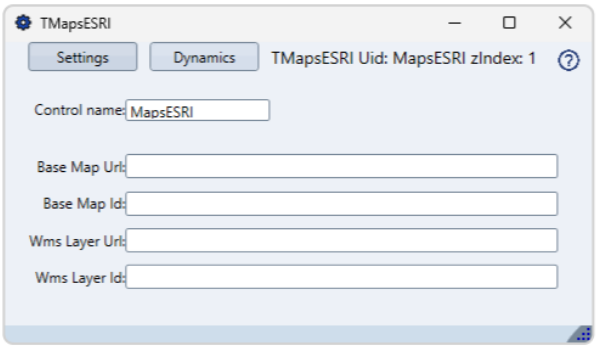
Display ESRI-based geographic maps.

Reference **Controls** **Viewer** MapsESRI

The MapsESRI control implements map functionality based on ESRI maps.

Requirements
Configuration
Runtime Execution





Requirements

This component runs on Windows, on RichClient and SmartClient clients. It requires internet connection to an ESRI map server.

Configuration

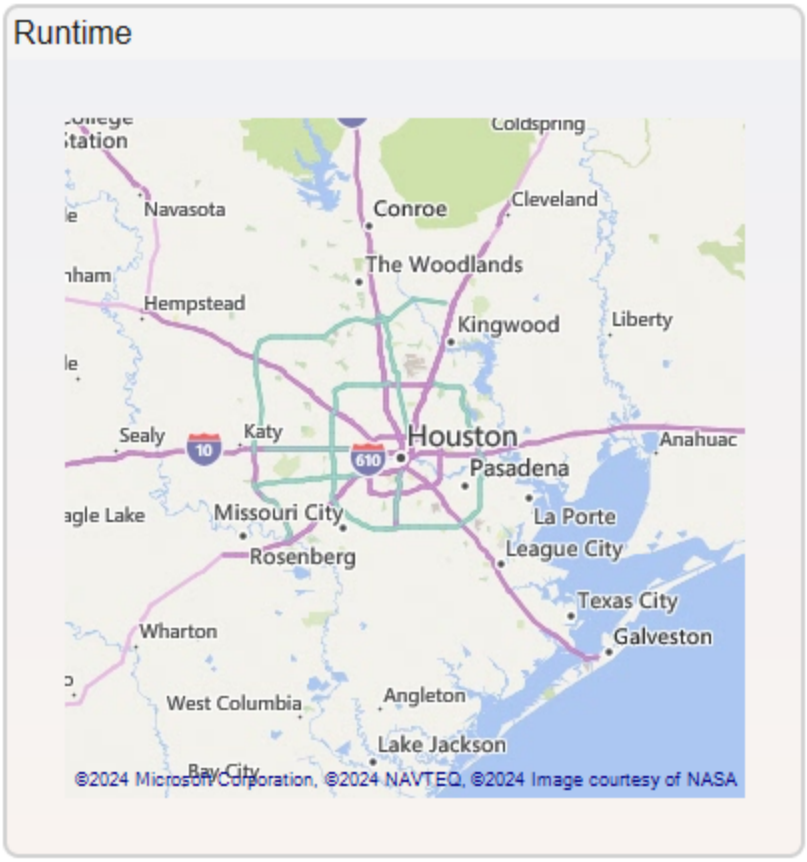
1. Go to **Displays / Draw**.
2. Select **Viewer**, then **MapsESRI**.
3. Add it to the Draw area by clicking or dragging and dropping it.
4. Double-click the object to open the setting window.

MapControl configuration	
Field	**Description**
Control Name	Defines a name for the control so it can be accessed in the CodeBehind script. See Display CodeBehind.
Base Map URL	Map URL from ArcGIS provider. Default is http://services.arcgisonline.com/arcgis/rest/services/World_Topo_Map/MapServer.
BaseMap ID	Name that will represent the base map.
Wms Layer URL	The WMS service URL from the layer you want to show.
Wms Layer ID	The WMS service ID from the layer you wish to add to the display.

Runtime Execution

When the solution runs, the MapsESRI Control displays the selected ESRI map. Users can interact with the map, zoom in and out, and view data layers if configured. The base map URL and WMS layers are set based on the provided configurations. The control's name allows access in the CodeBehind script for further customization.

In an industrial setting, a user might use the MapsESRI Control to monitor environmental data across different locations. For instance, a utility company can display real-time data on water quality from various monitoring stations. When the solution runs, the map shows the selected ESRI map with overlaid data layers, allowing the user to analyze environmental conditions and make informed decisions.



In this section...