



# Web App Builder

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# Web App Builder Prerequisites

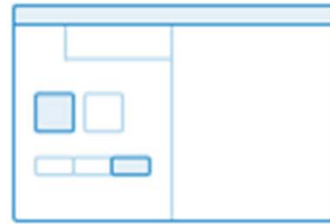
- Internet Browser
  - IE 9 and later \*[compatibility view not supported](#)
  - Chrome & Chrome for Android
  - Firefox
  - Safari 3 and later & iOS Safari
- All you need is an ArcGIS Online subscription or Portal for ArcGIS
- Publish Map to ArcGIS Server
  - Map Service
  - Feature Service
- Create Maps in AGOL or Portal for ArcGIS



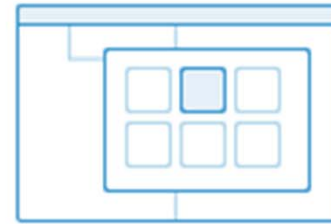
# Web App Builder Basics



**1** Create new app



**2** Pick style



**3** Select map



**4** Add widgets



**5** Configure attributes



**6** Preview and publish



# Web App Builder - AGOL

Evacuation Tool [Edit](#)

Overview Usage Settings

Edit Thumbnail

Evacuation tool [Edit](#)

by maps@mpsutility.com

Last Modified: September 23, 2015

Web Map

★ Add to Favorites

Description [Edit](#)

Add an in-depth description of the item.

Open in Map Viewer

Open in ArcGIS Desktop

Create Presentation

Create Web App

Using a Template

Using the Web AppBuilder

My Content

Folders

- NEW DELETE
- maps@mpsutility.com (Home)
- Basemaps
- Electric
- Emergency Management
- External


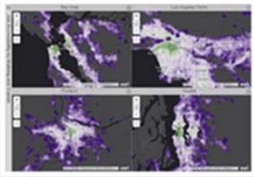



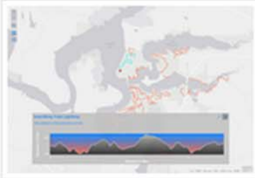
+ Add Item Create Share Delete Move Change Owner

Name	Type	Modified	Shared
▲ Tile			
Chloropleth	Feature Layer	Sep 23, 2015	Not Shared
Emp	Feature Layer	Dec 8, 2016	Not Shared
Employees	Web Map	Mar 2, 2017	Not Shared
Evacuation Tool	Web Map	Sep 23, 2015	Not Shared

# Web App Builder - AGOL

Create a New Web App ✕

What do you want to do?    Select a configurable app. ?   

Show All			
Build a Story Map	Basic Viewer	Compare Analysis	Crowdsource Polling
Collect/Edit Data			
Compare Maps/Layers			
Explore/Summarize Data			
Map Social Media			
Provide Local Information			
Route/Get Directions			
Showcase a Map	Directions	Edit	Elevation Profile





# Web App Builder – Portal for ArcGIS

**My Content**

**Folders**

- NEW DELETE
- maps@mpsutility.com (Hor)
- Admin
- Basemaps
- City
- Electric
- Electric Mapping Application

**Actions:** + Add Item, Create, Share, Delete, Move, Change Owner

Type	Modified	Shared
Web Map	Dec 8, 2016	Not Shared
Web Mapping Application	Mar 2, 2017	Not Shared
Map Image Layer	Aug 19, 2015	Organization
Web Map	Jul 26, 2016	Not Shared

1 - 4 of 4 results

Home ▾ Electric Annual Projects

**Details** | Add ▾ | Edit | Basemap | Save ▾ | Share | Print

About | Content | Legend

**Contents**

- Electric Annual Projects - Electric System Projects
- Electric Annual Projects - Electric Project Areas
- Topographic

Map view showing streets (Center Ave, 17th St N, 4 Ave N, 3 Ave N, 2 Ave N, 1 Ave N, 1 Ave S), landmarks (Park Christian, Moorhead High School), and utility lines (BNSF, Hwy 75, Hwy 10, Hwy 11).

# Web App Builder – Portal for ArcGIS

## Share



### Choose who can view this map.

Currently, only you can view your map. Before you can link to it or embed it, you need to allow others to view your map.

- Everyone
- Moorhead Public Service GIS
- Members of these groups:

- Admin and Finance
- Basemaps
- Commission
- Customer Service
- Electric Engineering
- Electric Operations
- Electric Operations Dashboards

### Link to this map

- Share current map extent

### Embed this map

DONE



# Web App Builder – Portal for ArcGIS

## Create a New Web App



Configurable Apps

Web AppBuilder

What do you want to do?

Select a configurable app. ?

All

Build a Story Map

Collect/Edit Data

Compare Maps/Layers

Explore/Summarize Data

Map Social Media

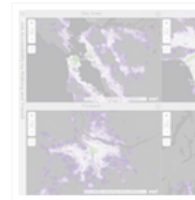
Provide Local Information

Route/Get Directions

Showcase a Map



Basic Viewer



Compare Analysis



Directions



Edit



Basic Viewer

Presents a map in a general purpose app with a collection of essential tools including edit and print.

CREATE APP

PREVIEW

DOWNLOAD

CLOSE





# Web App Builder – Portal for ArcGIS

## Create a New Web App ×

Configurable Apps

Web AppBuilder

To create a new app with Web AppBuilder, enter a title, tags and summary.

Title:

Electric Annual Projects

Tags:

Moorhead Public Service × MPS × Utility × Electric × Annual Project ×

*Add tag(s)*

Summary:

Electric annual projects map.

Save in folder:

maps@mpsutility.com

BACK

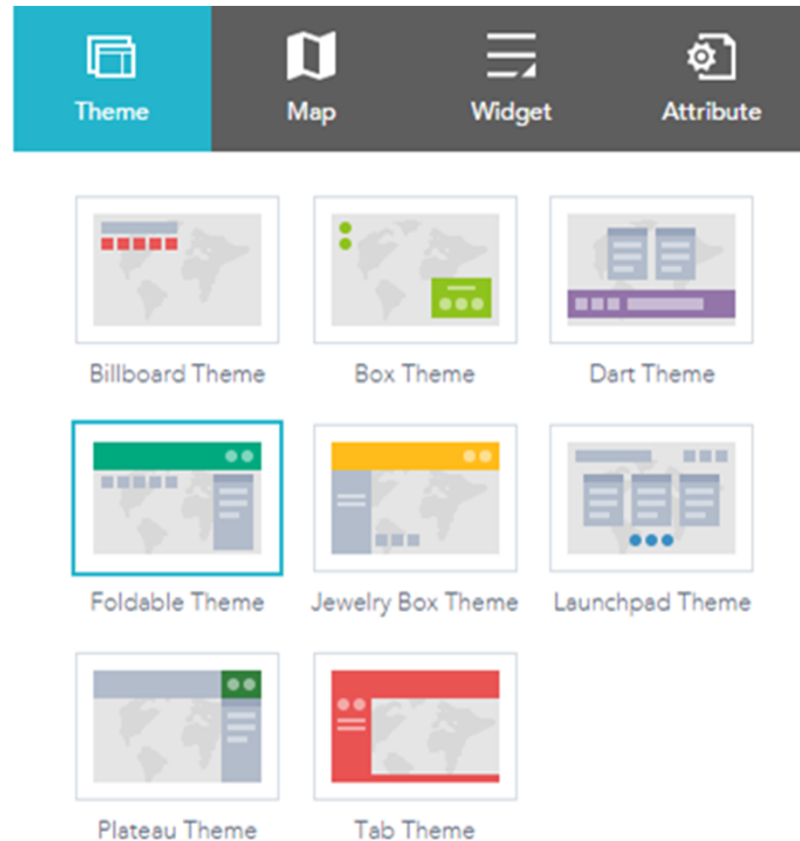
GET STARTED

CANCEL



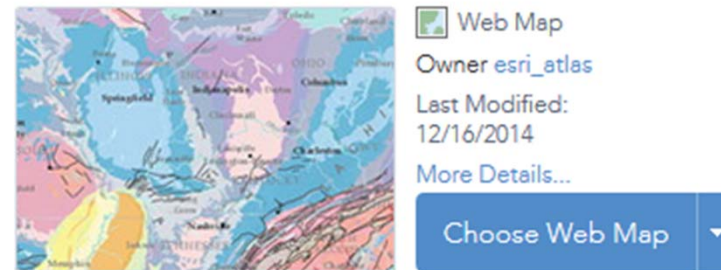
# Web App Builder Configuration

- Pick Theme
- Add Map
  - Set Map Extents
- Configure Widgets
- Configure Header Controller
- Attributes
- Save, Preview, Launch



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## Geology of United States

Selected generalized geologic units, faults, and features of the United States.

## Set Initial Extent

Specify the initial map extent when the application starts up.

Use Current Map View

Use Web Map's Default Extent



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Set the widgets in this controller >

Header Con...



Attribute Ta...



Coordinate



Home



My Location



Overview M...



Scalebar



Search



Splash

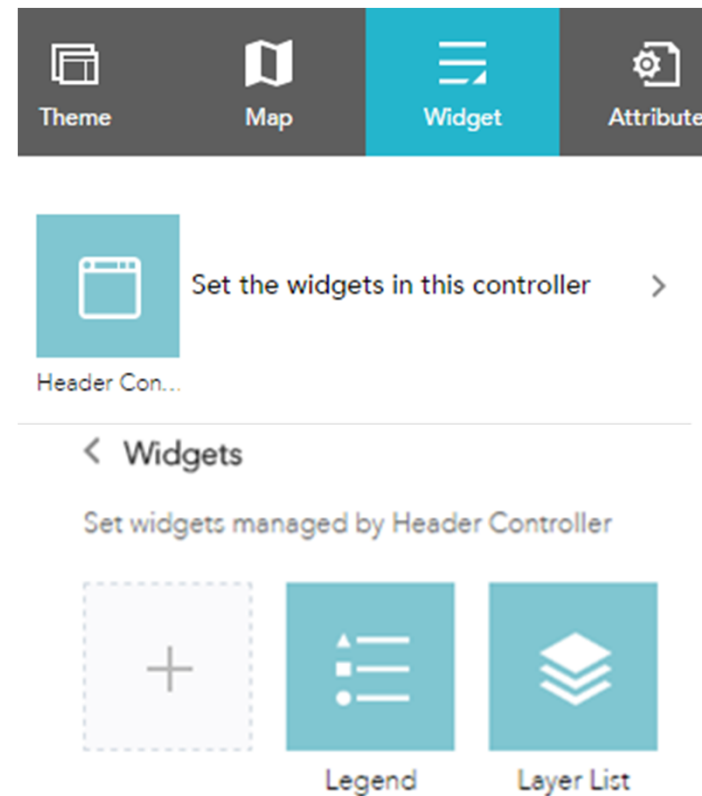


Zoom Slider



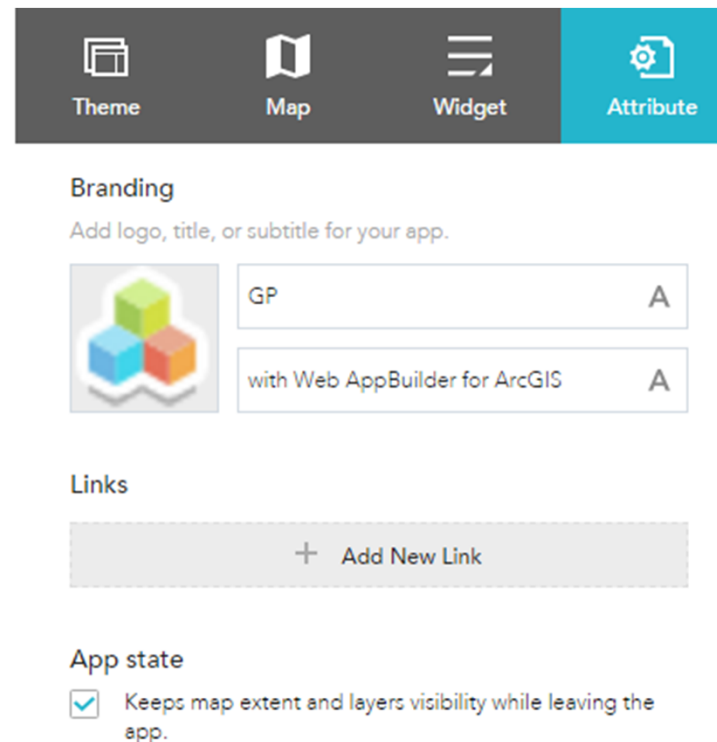
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The screenshot shows the 'Attribute' configuration tab in the Web App Builder interface. The top navigation bar includes 'Theme', 'Map', 'Widget', and 'Attribute' (highlighted in teal). The 'Branding' section contains a logo placeholder (three colored cubes) and two text input fields: 'GP' and 'with Web AppBuilder for ArcGIS', each with an 'A' icon. The 'Links' section has a '+ Add New Link' button. The 'App state' section has a checked checkbox for 'Keeps map extent and layers visibility while leaving the app.'





# Web App Builder Configuration

- Pick Theme
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  - Set Map Extents
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Scan QR code to view application on your mobile device



# Web App Builder Resources

- <http://www.esri.com/software/web-appbuilder>
- <http://doc.arcgis.com/en/web-appbuilder/>
  - Create, Configure, Manage & Extend Apps
    - <http://doc.arcgis.com/en/web-appbuilder/create-apps/make-first-app.htm>



# Questions??

