

ESRI Web AppBuilder

Build your own apps, no coding required!

You don't have to be a developer. You don't have to be a designer.

You don't even have to be a map expert.

You can build amazing mapping apps using your own brand, without doing any coding.

Source: <https://www.esri.com>

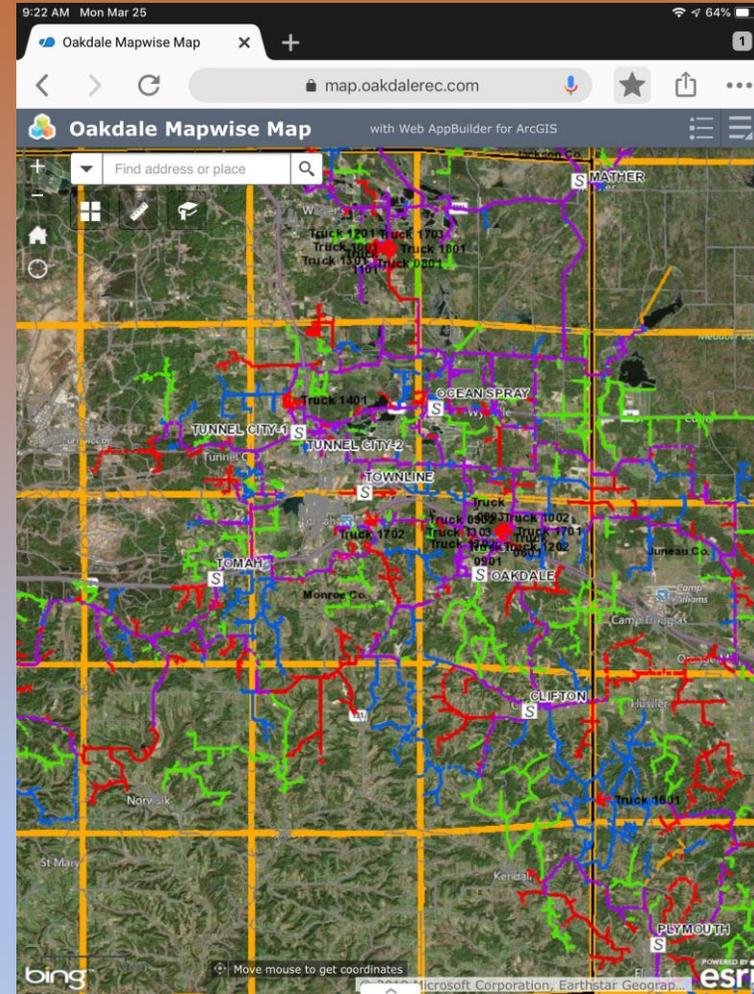
Build one app for all devices

Multipatform or single platform, build your app to run on all devices including iOS, Android, Windows, OS X, and Linux. Templates make it quick and easy.

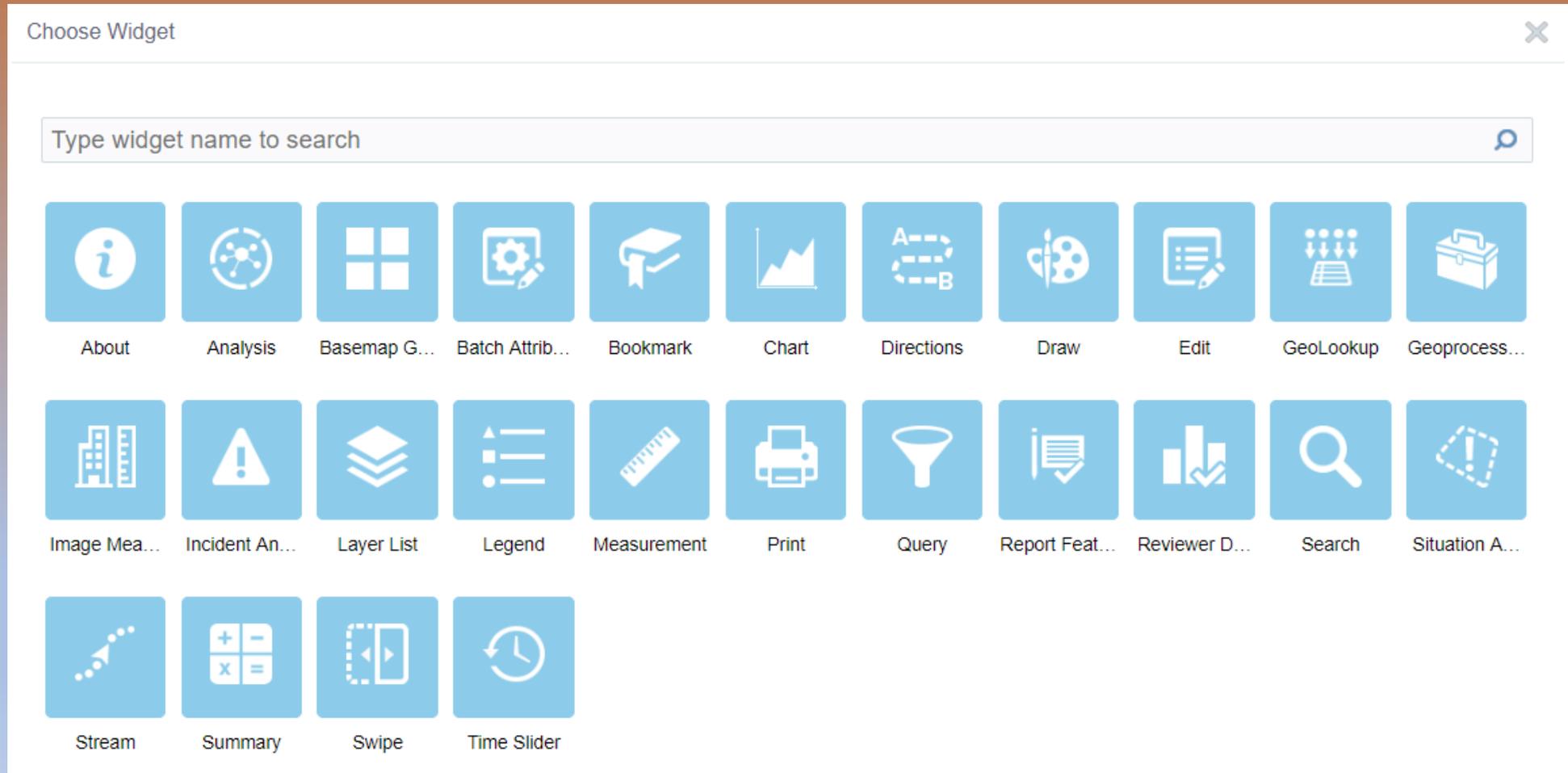
iPhone



iPad



Out of the box WebApp Builder comes with just about any widget you might need.



Instantly View Tabular Data with export to CSV options

The screenshot shows a web browser window displaying the 'Oakdale Mapwise Map' application. The map shows a geographic area with various electrical equipment markers. A data table is overlaid on the map, showing a list of electrical equipment. The table has columns for various attributes, and a yellow circle highlights the 'Export All to CSV' option in the table's menu.

gs_id	gs_type	gs_curve	gs_comments	gs_bank_id	gs_substation	gs_feeder_nu	gs_phase	gs_installati	gs_last_inspe	gs_serial_nu	gs_line_numb	gs_overcurrer	gs_date_modi	gs_export_to	gs_is_
	T		CONTROLS UG TAP GOING NORTH	0	TC	5	B				3E3600023	Fuse	9/6/2018, 6:47 AM	Yes	0
F4F5-0	12A	T	UG TAP NORTH	0	OAK	1	B				4F0500008	Fuse	3/6/2018, 8:26 AM	Yes	0
F4F6-2	20A	T	CONTROLS UG TAP	0	TC	5	B	11/18/16			4F3100001	Fuse	3/6/2018, 8:57 AM	Yes	0
F3E35-3	65K	T	FEEDS LINE EAST	0	TLN	5	A	12/4/18			3E3500006	Fuse	1/29/2019, 5:47 AM	Yes	1

Easy to build Custom Search Capabilities

The screenshot displays the Web AppBuilder for ArcGIS interface. At the top, the navigation bar includes "Home", "Web AppBuilder for ArcGIS", and "Mapwise Online Map". Below this is a menu with "Theme", "Map", "Widget", and "Attribute" options. The "Widget" menu is open, showing a list of available widgets: "Header Co...", "Attribute Ta...", "Coordinate", "Home Button", "My Location", "Overview ...", "Scalebar", "Search" (with a "Configure this widget" tooltip), and "Zoom Slider". The "Search" widget is highlighted. The main map area, titled "Oakdale Mapwise Map", shows a satellite view of a rural area with various colored markers and labels. A search bar at the top of the map contains the text "Find address or place". The map also displays a grid and coordinate information at the bottom: "43.940 -90.489 Degrees".

[change widget icon](#)[Learn more about this widget](#)

Search Source Settings

Add and configure geocode services or feature layers as search sources. These specified sources determine what is searchable within the search box.

[+ Add Search Source](#)

Name
Location
New Pole Number
Old Pole Number
capacitor_bank
voltage_regulator
Recloser
Repeater
Fuse
Transformer
Substation
st_workorder_ref

Layer Source

[Set](#)

Name

Placeholder Text

Search Fields

Display Field

Maximum Results

 Exact Match Only search in current map extent

General Settings

Placeholder text for searching all:

[OK](#)[Cancel](#)

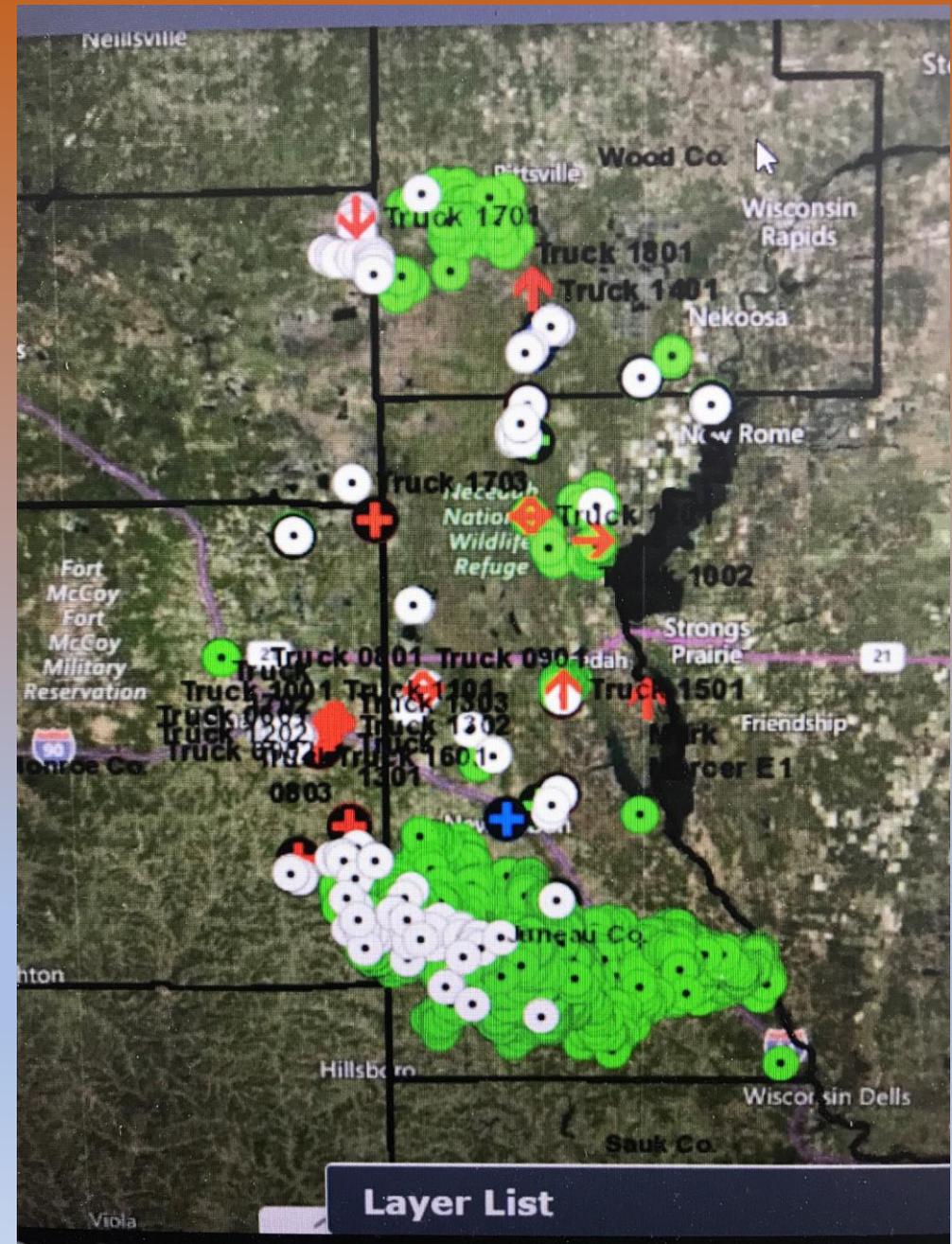
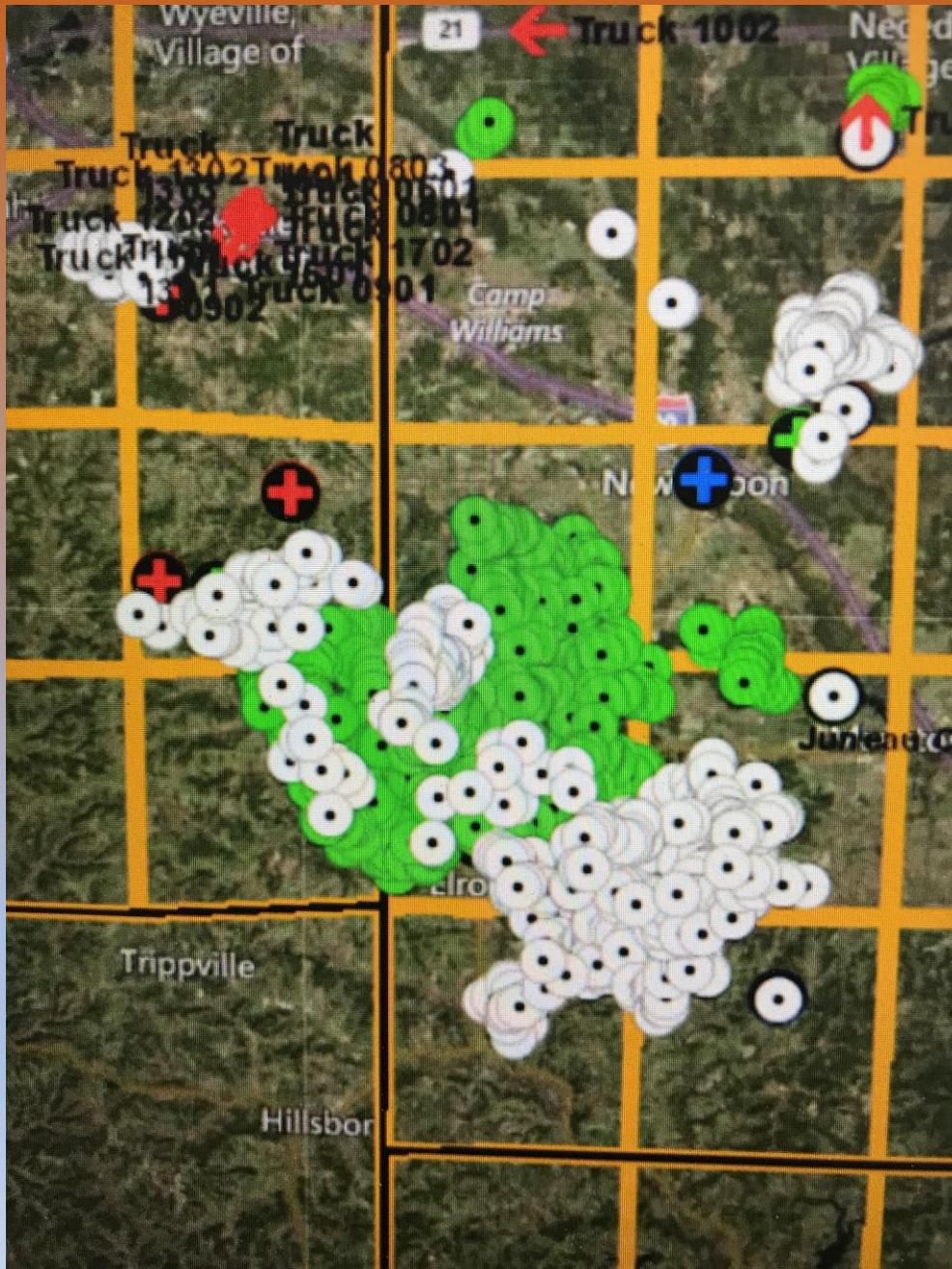
Why? – Access to Critical Information From the Field

The screenshot displays the 'Oakdale Mapwise Map' interface. The map shows an aerial view of a residential area in Necedah, Wisconsin, with a red boundary line and yellow markers. A popup window is open over a specific location, displaying the following data:

(1 of 3)	
gs_city	NECEDAH
gs_zipcode	54646
gs_warning	AW
gs_aw_note	WARNING - PITBULLS HERE - THEY WILL ATTACK PLEASE CALL-BEFORE GOING HERE SO THEY CAN PUT DOGS AWAY
gs_over_under	OH
gs_substation	ARM
gs_feeder_number	4
Zoom to	

The interface includes a search bar at the top left with the text 'Find address or place', a home button, and a scale bar at the bottom left showing '60ft' and coordinates '44.114 -90.107 Degrees'. The bottom right corner features the Esri logo and copyright information: '© 2019 Microsoft Corporation, © 2019 DigitalGlobe, ©CNES (2019) Distribution Airbus DS, © 2019 HERE'.

Large Scale Outage

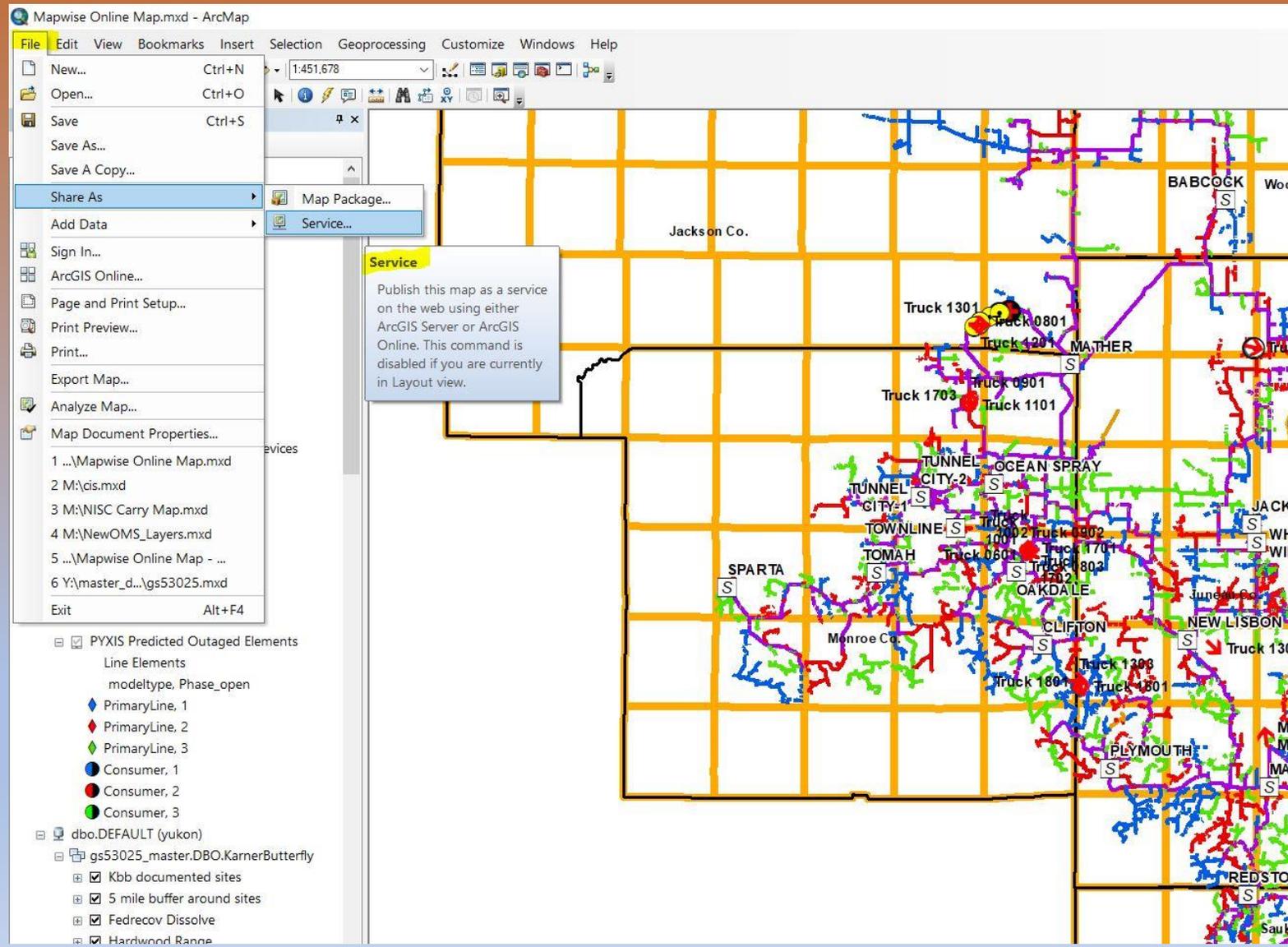


Seamless integration

Web AppBuilder for ArcGIS is built into ArcGIS Online, ArcGIS Enterprise, and it comes with ArcGIS Server Standard for Workgroups, with the same security settings.

**A Quick Tour before
a Live Demo!**

Open the MXD and choose File and Share As a Service.



Choose how you want to share it.

Mapwise Online Map.mxd - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

1:451.678

Table Of Contents

Layers

- OMS
 - AVL
 - Planned OMS Outages
 - Open OMS Outages
 - Dispatched OMS Outages
 - Restored OMS Outages
 - Waiting OMS Outages
 - PYXIS Occurrence Analysis
 - Archived OMS Outages
 - Locations Affected
 - Sectionalizing Device
 - PYXIS Predicted Open Sect Devices
 - <all other values>
 - Phase_open
 - 1
 - 2
 - 3
 - PYXIS Predicted Outaged Elements
 - Line Elements
 - modeltype, Phase_open
 - PrimaryLine, 1
 - PrimaryLine, 2
 - PrimaryLine, 3
 - Consumer, 1
 - Consumer, 2
 - Consumer, 3
- dbo.DEFAULT (yukon)
- gs53025_master.DBO.KarnerButterfly
 - Kbh documented sites

Jackson Co. Wood Co.

BABCOCK S

ARMENIA S

Truck 1401

JACKPINE S

WHISTLING WINGS S

LYSIBON S

Truck 1302

BUCKHORN S

PLYMOUTH S

Mark Mercer P

MAUSTON S

Truck 1501

PERSTONE

Share as Service

Publish a service

Save a service definition file

Overwrite an existing service

[About sharing a service](#)

Next > Cancel

If you Overwrote an existing service you can skip this step. If you want to publish from an SD file, Click Publish Service and select your file.

The screenshot displays the ArcGIS Server Manager interface. At the top, there are navigation tabs for 'Services', 'Site', 'Security', and 'Logs'. Below these are sub-tabs for 'Manage Services', 'OGC Services', 'KML Network Links', and 'Sharing'. A search bar is present with the text '< Search for services in Maps >'. A 'Publish Service' button is highlighted in yellow. On the left, a 'Folders' pane shows a tree structure: 'Site (root)', 'Maps', 'PYXIS', 'System', and 'Utilities'. The main area lists several services:

- AMR Read Rates** (Map Service): Status: Stopped, Instances Running: 0, Instances in Use: 0, Maximum Instances: 0.
- Mapwise Online Map** (Map Service): Status: Started, Instances Running: 2, Instances in Use: 0, Maximum Instances: 2.
- MMR Route Map2016** (Map Service): Status: Stopped, Instances Running: 0, Instances in Use: 0, Maximum Instances: 0.
- OakdaleOnlineMap** (Map Service): Status: Stopped, Instances Running: 0, Instances in Use: 0, Maximum Instances: 0.

A 'Publish Service' dialog box is open in the foreground. It contains the following text:

Select the service definition (.sd file) you want to publish.

Service Definition: **Choose File** No file chosen

Buttons: Next, Cancel

A 'Help' link is also visible in the top right of the dialog box.

Once that process completes you will now see it in Server Manager

The screenshot displays the ArcGIS Server Manager web interface. At the top, there are navigation tabs for 'Services', 'Site', 'Security', and 'Logs'. Below these are sub-tabs for 'Manage Services', 'OGC Services', 'KML Network Links', and 'Sharing'. The main area is titled 'Folders' and contains a tree view on the left with 'Maps' selected. A search bar and a 'Publish Service' button are also present. The central pane lists five services:

Service Name	Type	Status	Instances Running	Instances in Use	Maximum Instances
AMR Read Rates	Map Service	Stopped	0	0	0
cis	Map Service	Started	1	0	2
lineinspectedit2	Map Service	Stopped	0	0	0
Mapwise Online Map	Map Service	Started	2	0	2
MMR Route Map2016	Map Service	Stopped	0	0	0

Click on the service link and notice the REST URL under the Capabilities section. You will use this to build the Web Map.

The screenshot shows the ArcGIS Server Manager interface. At the top, there are navigation tabs for 'Services', 'Site', 'Security', and 'Logs'. Below these are sub-tabs for 'Manage Services', 'OGC Services', 'KML Network Links', and 'Sharing'. The main content area is titled 'Editing: Site (root) > Maps > Mapwise_Online_Map'. On the left, a sidebar contains a list of configuration sections: 'General', 'Parameters', 'Capabilities' (which is selected and highlighted), 'Pooling', 'Processes', 'Caching', and 'Item Description'. The 'Capabilities' section is titled 'Select and configure capabilities' and contains several checkboxes: 'Mapping (always enabled)' (checked), 'WCS', 'Network Analysis', 'WMS', 'Mobile Data Access', 'Schematics', 'WFS', 'KML' (checked), 'Feature Access', and 'NiscViewerSOE'. Below this is the 'Mapping Configuration' section, which includes 'URLs' with 'REST URL' and 'SOAP URL' fields. The REST URL is highlighted in yellow and reads 'https://map.oakdalerec.com/arcgis/rest/services/Maps/Mapwise_Online_Map/MapServer'. The 'Operations Allowed' section has checkboxes for 'Map', 'Query', and 'Data', all of which are checked. The 'Dynamic Workspaces' section has a checkbox for 'Allow per request modification of layer order and symbology' which is checked. At the bottom of this section is an 'Add' button. The bottom of the page features a table with columns for 'Workspace ID', 'Type', 'Connection String', and 'Action', but it is currently empty.

Log in to Portal and click Add Item to create your Web Map

The screenshot shows the 'My Content' page in ArcGIS Portal. The 'Add Item' button is highlighted in yellow. A dialog box titled 'Item from the web' is open, showing the URL 'https://map.oakdalerec.com/arcgis/rest/services/Maps/Mapwise_Online_Map' entered in the URL field. The dialog also shows the title 'Mapwise_Online_Map' and a 'Tags' field with the placeholder text 'Add tag(s)'. The 'ADD ITEM' button is highlighted in blue.

My Content

Folders

- NEW DELETE
- esriadmin (Home)
- temp

Show

- All
- Maps
- Layers
- Scenes
- Apps
- Tools
- Files

Item from the web ?

Reference an item on the Web.

Type: ArcGIS Server web service KML
 OGC (WMS) Document

URL:

Title:

Tags:

ADD ITEM CANCEL

Item Name	Type	Created	Shared With
AGO World Elevation (cschauf)	Web Mapping Application	Oct 11, 2017	Everyone
AMR_Read_Rates	Web Map	Oct 11, 2017	Everyone
cis	Map Image Layer	Mar 18, 2019	Everyone
Geometry	Web Map	Dec 30, 2015	Everyone
lineinspectedit2	Map Image Layer	Dec 30, 2015	Everyone
lineinspectedit2	Feature Layer	Mar 23, 2017	Everyone
Mapwise Online Map	Map Image Layer	Jun 2, 2015	Everyone
Mapwise Online Map	Map Image Layer	Sep 22, 2016	Everyone
Mapwise Online Map-copy2	Map Image Layer	Mar 30, 2017	Everyone
Mapwise Online Map-Copy2	Map Image Layer	Mar 30, 2017	Everyone
Mapwise_Online_Map	Map Image Layer	Mar 30, 2017	Everyone
MMR Route Map 2016	Map Image Layer	Mar 30, 2017	Everyone
MMR_Route_Map2016	Map Image Layer	Mar 30, 2017	Everyone
OakdaleAOIs	Map Image Layer	Mar 30, 2017	Everyone
OakdaleAOIs	Map Image Layer	Mar 30, 2017	Everyone
OakdaleMap	Map Image Layer	Mar 30, 2017	Everyone
OakdaleOnlineMap	Map Image Layer	Mar 30, 2017	Everyone

Open the Web Map in Map Viewer

Home Gallery Map Scene Groups My Content My Organization

My Content

Folders

NEW DELETE

esriadmin (Home)

temp

Show

All

Maps

Layers

Scenes

Apps

Tools

Files

Add Item Create Share Delete Move Change Owner

<input type="checkbox"/>	Title	Type
<input type="checkbox"/>	AGO World Elevation (cschauf)	Geoprocessing Service
<input type="checkbox"/>	AMR_Read_Rates	Map Image Layer
<input type="checkbox"/>	cis	Map Image Layer
<input type="checkbox"/>	Geometry	Geometry Service
<input type="checkbox"/>	lineinspectedit2	Feature Layer
<input type="checkbox"/>	lineinspectedit2	Map Image Layer
<input type="checkbox"/>	Mapwise Online Map	Web Map
<input type="checkbox"/>	Mapwise Online Map	
<input type="checkbox"/>	Mapwise Online Map-copy2	
<input type="checkbox"/>	Mapwise Online Map-Copy2	Web Map
<input type="checkbox"/>	Mapwise_Online_Map	Map Image Layer
<input type="checkbox"/>	MMR Route Map 2016	Web Map
<input type="checkbox"/>	MMR_Route_Map2016	Map Image Layer

- Web Map
- View item details
- Open in map viewer
- Open in ArcGIS for Desktop
- Create presentation

Configure Zoom levels, Pop-ups and other settings. When you are ready – **Share it!**

The screenshot displays the Mapwise Online Map interface. The top navigation bar includes 'Home', 'Mapwise Online Map', and utility buttons for 'Save', 'Share', 'Print', and 'Measure'. A left sidebar contains a 'Contents' panel with a list of map layers, including 'Mapwise Online Map', 'AVL', 'Planned OMS Outages', 'Open OMS Outages', 'Dispatched OMS Outages', 'Restored OMS Outages', 'Waiting OMS Outages', 'PYXIS Occurrence Analysis', 'Archived OMS Outages', 'PYXIS Historical Outage Export', and 'PYXIS Outage Prediction'. The main map area shows a satellite view with various colored markers and lines. A 'Share' dialog box is open on the right side of the map.

Share

Choose who can view this map.
Your map is currently shared with these people.

- Everyone
- Portal for ArcGIS
- Members of these groups:
 - Basemap
 - Featured Maps and Apps

Link to this map

http://map.oakdalerec.com/arcgis_portal/home/webmap/viewer.html?webmap=9a27b4dc792846899003022b338d6ea6&extent=-90.3956,43.9553,-90.3679,43.966

Share current map extent

Embed this map

EMBED IN WEBSITE **CREATE A WEB APP**

Now you are ready to edit the Application

Home Gallery Map Scene Groups My Content My Organization Administrato

My Content

Folders

- NEW DELETE
- esriadmin (Home)
- temp

Show

- All
- Maps
- Layers
- Scenes
- Apps
- Tools
- Files

Actions: + Add Item Create Share Delete Move Change Owner

Title	Type	Modified
AGO World Elevation (cschauf)	Geoprocessing Service	Aug 19, 2016
AMR_Read_Rates	Map Image Layer	Jun 2, 2015
cis	Map Image Layer	Feb 20, 2019
Geometry	Geometry Service	Jun 2, 2015
lineinspectedit2	Feature Layer	Mar 23, 2017
lineinspectedit2	Map Image Layer	Aug 21, 2015
Mapwise Online Map	Web Map	Mar 19, 2019
Mapwise Online Map	Web Mapping Application	May 14, 2018
Mapwise Online Map-copy2	Application	Oct 11, 2017
Mapwise Online Map-Copy2	Web Map	Oct 11, 2017
Mapwise_Online_Map	Map Image Layer	Mar 18, 2019
MMR Route Map 2016	Web Map	Dec 30, 2015
MMR_Route_Map2016	Map Image Layer	Dec 30, 2015
OakdaleAOIs	Feature Layer	Mar 23, 2017
OakdaleAOIs	Map Image Layer	Jun 2, 2015

Context Menu for 'Mapwise Online Map':

- View item details
- View Application
- Edit Application

This is where you will choose your themes, widgets, build searches etc etc.

The screenshot displays the ArcGIS Web AppBuilder interface for a map titled "Oakdale Mapwise Map". The interface is divided into several sections:

- Header:** Shows "Home", "Web AppBuilder for ArcGIS", and "Mapwise Online Map". The user is logged in as "esriadmin".
- Navigation Bar:** Includes icons for "Theme", "Map", "Widget", and "Attribute". The "Widget" tab is currently selected.
- Theme Selection Panel:** Offers various theme options such as "Billboard Theme", "Box Theme", "Dart Theme", "Foldable Theme", "Jewelry Box Theme", "Launchpad Theme", and "Tab Theme".
- Style Panel:** Provides a "Style" section with two rows of color swatches for customization.
- Layout Panel:** Shows "Layout" options with icons representing different map layouts.
- Main Map Area:** Displays a satellite map of Oakdale, Louisiana, with numerous colored points (yellow, green, red, blue) and lines overlaid. A search bar at the top left of the map area contains the text "Find address or place".
- Footer:** Includes the "bing7" logo, coordinates "43.955 -90.384 Degrees", and copyright information: "© 2019 Microsoft Corporation, © 2019 DigitalGlobe, © CNES (2019) Distribution Air...". The "POWERED BY esri" logo is also present.

Here is the Preview page for mobile devices. If your mobile can access the site, you can even scan the QR code from your device

Home ▾ Web AppBuilder for ArcGIS Mapwise Online Map

Width 768 Px Height 1024 Px

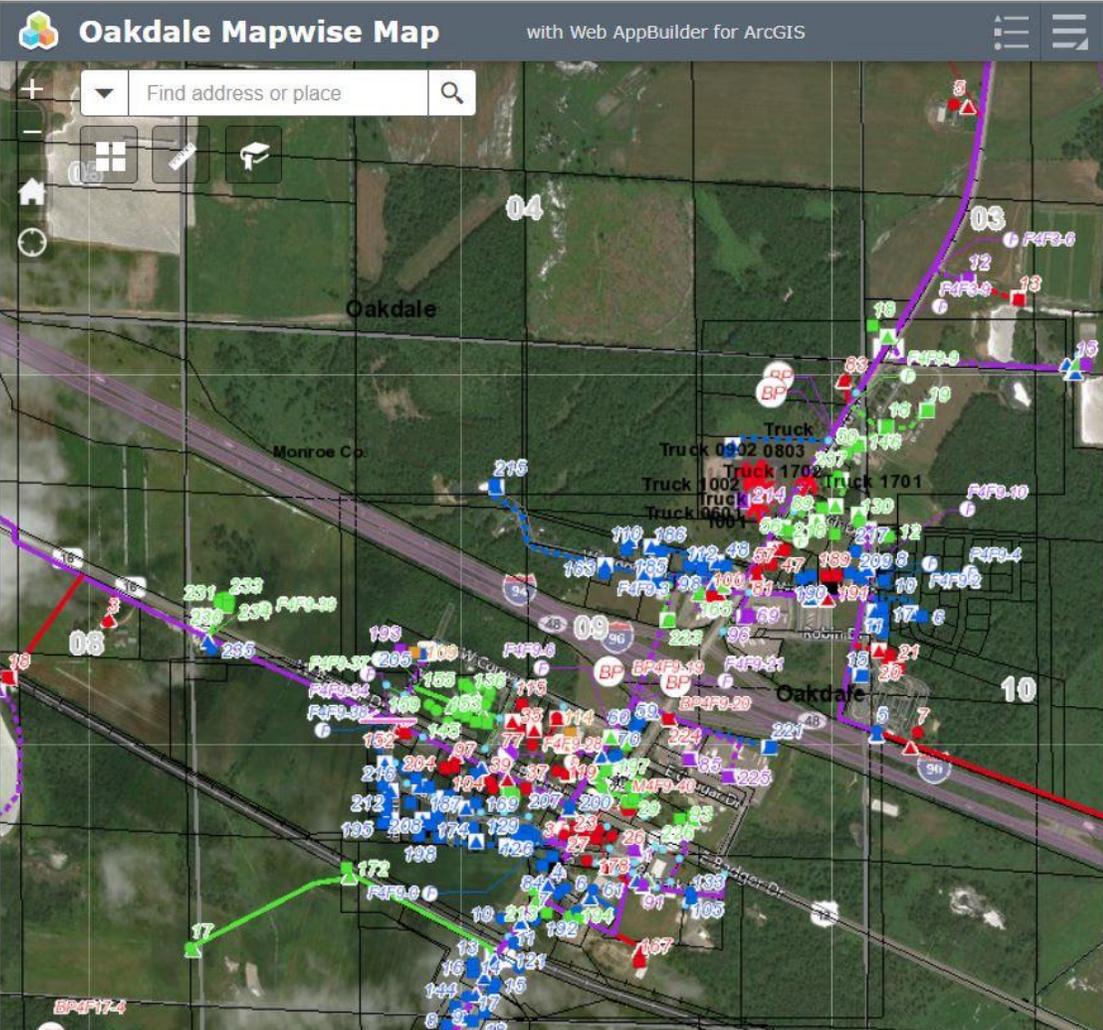
			
iPhone6s	iPhone6s plus	iPhone6	iPhone6 plus
			
iPhone5/5C/5S	iPhone4/4S	iPad Air	iPad with Retina Display
			
The New iPad	iPad Mini	Samsung Galaxy S4	Samsung Note 3
			
Nexus 5	Nexus 4	Nexus 7	HTC One

 Scan QR code to view application on your mobile device

Launch | < Configure | Saved ▾

Oakdale Mapwise Map with Web AppBuilder for ArcGIS

Find address or place



Questions before the Demo?