

A background image of space featuring a view of Earth's horizon from space, with a bright light source (the sun) creating a lens flare effect. The sky is filled with numerous stars of varying brightness and colors.

# Save Your Map

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# Esri Desktop & Enterprise GIS

- ArcGIS Desktop & ArcGIS Pro
  - Provide extensive spatial analytical functionalities
  - Require extensive training and experience
  - File based - map document or project saved to disk
- Enterprise GIS
  - Provides ease to use web mapping applications for much broader user audience
  - Significant uptake versus client applications
  - ✘ Browser based - added data is not captured/retained when session is closed

# Bridging the Gap

- ExxonMobil users requesting a “middle” option
  - Ease of use
  - Limited training required
  - Ability to save reference to added data
- Business value
  - Reduced training requirements for non-geospatial professionals
  - Less switching back and forth from web maps and web apps
  - Ability to return to your work and not lose it at the end of the browser session
  - Keep your non-geospatial professionals in curated web apps & reduce number of web maps

# The Solution

- ExxonMobil engaged LOGIC Solutions Group to extend their Save State Widget to bridge that gap
- Meet the Save Your Map Widget – SYM Widget
- The Widget supports the following functionality
  - Save Your Map “configuration”
  - Save operational layers
  - Save layer properties including on / off and transparency
  - Save client side filters while honoring server side filters
  - Save graphics
  - Share you map with groups and individuals you have access to in Portal

# How it Works

- The SYM Widget is a JavaScript based Web AppBuilder Widget
- The Widget saves and retrieves map states per user per app
- The user can search or sort map states
- The user can indicate “favorites” in the states and they are fronted in the Widget
- The administrator can search for and delete “orphans” when users leave the system
- The administrator can reassign map states when users leave the system
  
- DEMO...

# A Note on Users

- In alignment with the Esri licensing model, only level 2 users can share states
- Level 1 users can still save their own states with all off the available functionality

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