USING WEB APPBUILDER TO QUICKLY LEVERAGE ENTERPRISE GIS DATA THROUGH LAWA ARCGIS ONLINE HOME PAGE

LAX Airport Campus Example
An in-house solution to expand the use of GIS across LAWA (Los Angeles World Airports)

Easily packaged Rapid Development applications using our existing data

Solution is accessible on PCs, tablets and mobile phones.

The Data is hosted internally on ArcGIS Server and organized by Level throughout CTA

Theme focused Applications are developed in a few hours and can be deployed and shared instantly with specific groups through LAWA ArcGIS Online Home page

LAWA ArcGIS Online Home Page – LAX:
The background image is a view of the Welcome Wall Multimedia (Integrated Environmental Media System (IEMS)) inside the Thomas Bradley International Terminal: As inbound passengers set foot in L.A., they are greeted by the Welcome Wall. This dramatic, 80-foot-tall media feature, horizontally bisected by a departure bridge, is viewed as passengers descend a two-story escalator to the Baggage Claim Area.)
LAX GIS Map Data presentation:
LAX Airport Area Satellite View Swipe

LAX Area Satellite View Swipe: (Major changes since 2007)

- 2005: Runway 7R 25L moved 50’ to the South to create Taxiway H for A380
- 2010: Cross field Taxiways R, S and D to the North
- 2013: Bradley West Terminal
- 2015: West Maintenance area (Qantas Hangar for large size aircrafts)
LAX GIS Map Data presentation:
LAX Airport Area Satellite View Swipe

Legend:
- Red Band 3
- Green Band 2
- Blue Band 1

Swipe Right: to display 02/26/2007 LAX Aerial Image

Swipe Left: to display current 03/12/2016 LAX Aerial Image
LAX GIS Map Data presentation:
LAX Situational Awareness

Closest Emergency Locations: Closest Fire Stations
LAX GIS Map Data presentation:
LAX Situational Awareness: Bomb Threat

Pipe Bomb Threat: Impacted Facilities
Environmental Hazards: Chlorine Spill – Affected Demographics and Storm Water Inlets
LAX Through Time (2007 - 2016)

- Zoom in to the desired area and start the slide show by clicking on the "Play" arrow on the bottom left.
- or by navigating back and forth using the "Previous" and "Next" arrows on the bottom right.
- To zoom in: Double click on the area, or use the + and - buttons on the top left, or use the mouse wheel, or Hold the "shift" key and drag a rectangle.
- To Pan: Hold the left mouse button and drag.
LAX GIS Map Data presentation:
Other featured Applications and Utility Tools

LAX Google Street View
LAX GIS Map Data presentation:
Other featured Applications and Utility Tools

Airport Enterprise GIS
Conclusion

We have seen:

- An in-house solution using ArcGIS Online to expand the use of GIS across LAWA through easily packaged Rapid Development applications using our existing data.

- Solution is accessible on PCs, tablets and mobile phones.

- The Data created and maintained by GISSSD is hosted internally on ArcGIS Server and organized by Level throughout CTA.

- Theme focused Applications are developed in a few hours and can be deployed and shared instantly with specific groups through LAWA ArcGIS Online Home page.

Questions