



Planning and Implementing Portal for ArcGIS

Nathan Beck

FDA Office of Crisis Management

2014 Esri User Conference
San Diego, CA – July 17, 2014

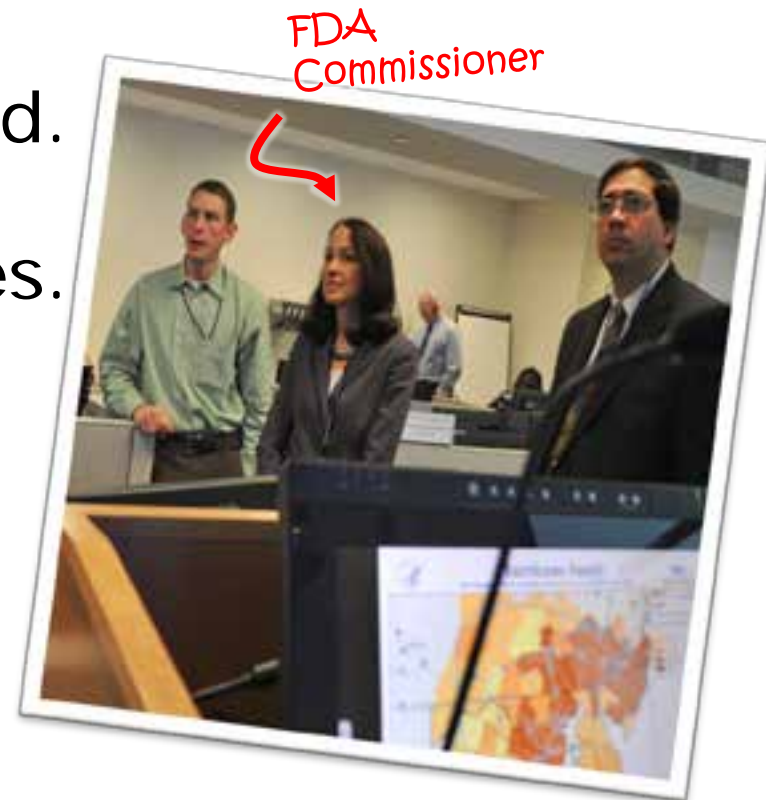


1. Access to spatial information
2. Encourage sharing and reduce duplication
3. Provide self-service mapping

Management Buy-In



- } Have a purpose.
- } Find a champion.
- } Take your show on the road.
 - GIS Day, BYCTWD, Proactive outreach, etc
- } Demo benefits, not features.
 - Make enterprise data spatially aware



Architecture Options

- } ArcGIS Online
- } Portal for ArcGIS in the Cloud
- } Portal for ArcGIS On-Premises

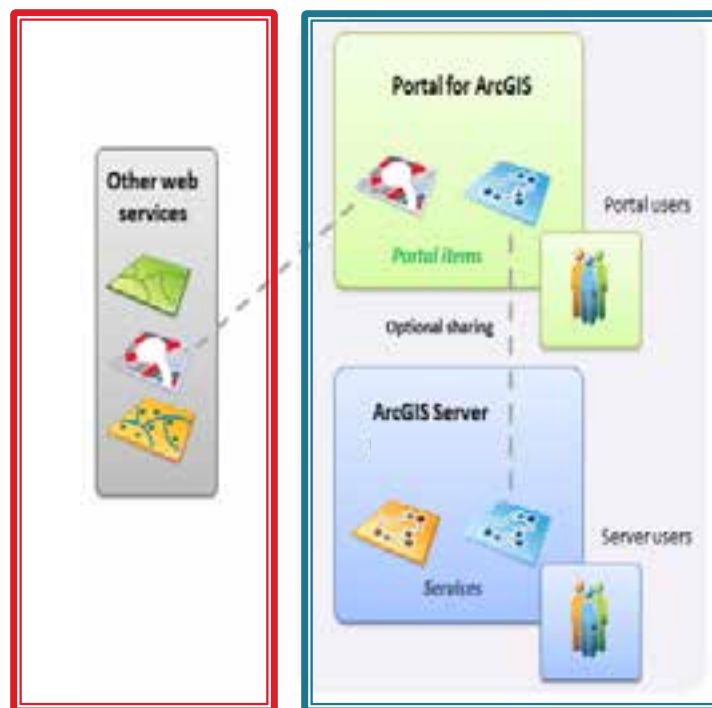


FDA Solution



} Hybrid On-Premises

- ArcGIS Online basemaps & geosearch
- Public and partner services (FEMA, NOAA, USGS, etc.)



- Data stays in FDA Datacenter
- Registered Services from FDA ArcGIS Server

User Access



- } Internal (FDA Network) only
- } Original Solution
 - Custom module utilizing FDA Active Directory Security group
- } Current (10.2.1) Solution
 - ArcGIS Web Adaptor & IWA



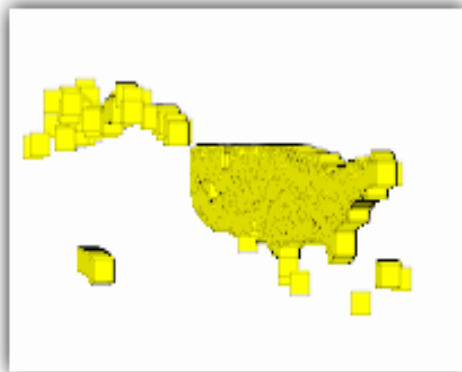
User Training



Action	Basic User (non-registered)	Registered User
Access GeoWeb	X	X
Browse & Search Content	X	X
Make a Map	X	X
Save Map	-	X
Upload Content	-	X
Share Maps & Content	-	X
Join & Create Groups	-	X

- } Also offered:
- Intermediate Registered User
 - Special Topics

Starter Content



FDA Regulated Industry (USA)



National Flood Hazard Layer (NFHL)



Metal Levels in the Gulf of Mexico

FDA Layers

External Layers

Webmap Examples

Geocoding



- } #1 Question from Users
- } New subscription to ArcGIS World Geocoding
 - Uses ArcGIS Online for Organization Credits
 - Integrates with Maps for Office through Portal
- } Foreign geocoding still a challenge



Thoughts On-Premises



- } YOU are responsible for all upgrades, maintenance, documentation, and system security.
- } No credits to worry about*
- } Requires ArcGIS for Server and managed geodatabase for full functionality
- } Updates trail ArcGIS Online releases

Summary



- } Define your need
- } Sell your cause
- } Be aware of the requirements
- } Support your users