Planning and Implementing Portal for ArcGIS

Nathan Beck
FDA Office of Crisis Management
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
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

<table>
<thead>
<tr>
<th>Action</th>
<th>Basic User (non-registered)</th>
<th>Registered User</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access GeoWeb</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Browse &amp; Search Content</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Make a Map</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Save Map</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Upload Content</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Share Maps &amp; Content</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Join &amp; Create Groups</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

Also offered:
- Intermediate Registered User
- Special Topics
Starter Content

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
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

*Except in some hybrid solutions
Define your need
Sell your cause
Be aware of the requirements
Support your users