Portal for ArcGIS
An Introduction

Wittaker Mathot and Derek Law
Empower people to use and create maps
More apps

Collector for ArcGIS

Operations Dashboard for ArcGIS

Maps everywhere

Esri Maps for Office

Web Application Templates
Organize your maps and apps

enable discovery
ArcGIS is now a Web GIS

Available in the Cloud . . .
. . . and On-Premises
Portal for ArcGIS
New Extension to ArcGIS 10.2 for Server Advanced
Web GIS
On Premises
Clancy Energy
Portal for ArcGIS

Is it right for me?

- Typical reasons for choosing **Portal for ArcGIS**
  - Have no internet/www connection
  - Have strict SLAs and governance
  - Are not ready for the cloud yet

- Typical reason for choosing **ArcGIS Online**
  - Lower overall cost (faster start, less admin costs)
  - Continuous updates and improvements
  - Elasticity
Installing Portal for ArcGIS

... runs on same platforms as ArcGIS for Server
Private Network

Machine

Web Server

Web Adaptor for ArcGIS

Portal for ArcGIS

Website
Web Applications
Portal Services API
Repository

Machine

Web Server

Web Adaptor for ArcGIS

ArcGIS for Server

GIS Services

Client Applications & Browsers
Security

• Authentication
  - Supports web tier auth, can provide SSO (e.g. IWA, PKI)
  - Supports SSO to your ArcGIS Servers

• Users, Groups, and Roles

Users
• Built-in
• Enterprise (LDAP, AD)

Groups
• Built-in

Roles
• Anonymous
• User
• Publisher
• Administrator
Basemaps & Utility Services

- Important part of Web GIS
- Can be hosted:
  - Online *(by Esri)*
  - On-Premises *(by you)*
  - Both
Portal for ArcGIS Administration

Clancy Energy
Implementation Patterns
Online - On-premises - Hybrid

- Client Applications & Browsers
  - Web Authentication
- Active Directory
  - or - LDAP
- Portal
  - w/ Web Adaptor
- Server
  - Private Network
  - GDB
- GIS Services
  - w/ your data
- Printing
- Geometry
- Geocoding & Geosearch
- Routing
- Basemaps

- ArcGIS Online
  - Geocoding
  - Routing
Implementation Patterns
Look ma, no Portal for ArcGIS!

Client Applications & Browsers
Web Authentication

ArcGIS Online
Basemaps
Geosearch
Geocoding
Routing
Portal

Active Directory
- or -
LDAP

Private Network

Server
GDB

GIS Services w/ your data
Printing

- Cloud-based portal
- On-premises services
- Enterprise logins
Implementing Web GIS

Typical activities

• Assessment & planning
• Installation & configuration
• Security integration
• Deployment *(staging, production)*
• End user engagement, socialization
• IT training & support planning
• Operations, maintenance, and support
• Designing & building information products
Implementation Tips

Beyond installation

- Stay focused on the information products
- Embrace the idea of maps everywhere
- Model Portal after your structure & workflows
- Consider the Web GIS Launch Kits

This thematic map shows sales distribution in the United States.
Portal for ArcGIS

Final notes

- Implements Web GIS on premises
- Extension of ArcGIS 10.2 for Server Advanced
- To be released this month
Understanding our world.