



ArcGIS as a Platform – Putting it all Together

Tom Shippee &
John Thieling

Technical Workshop

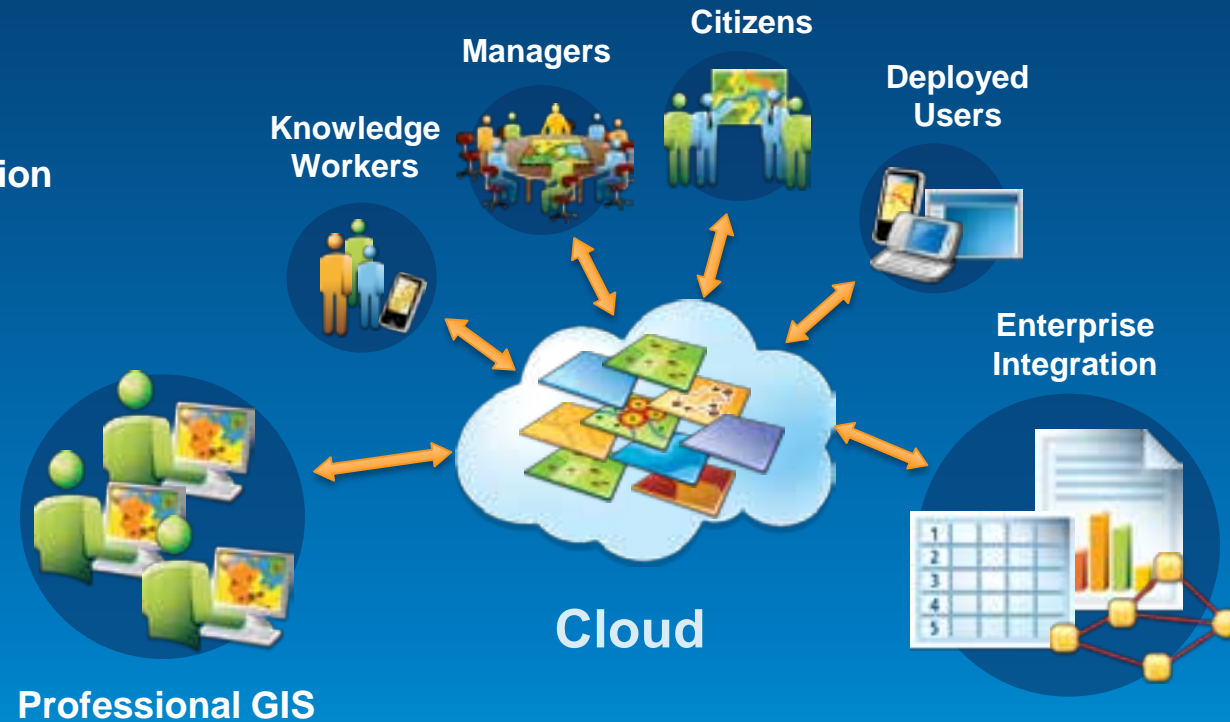
What's covered in this session

- **What is ArcGIS as a platform?**
- **Case Study: Volunteer bald eagle count**
 - **Platform empowers people**
 - **Components for shared mapping**

ArcGIS as a platform...

Provides Geospatial Capabilities Across the Entire Organization

- Mapping
- Analysis
- Visualization



... A Framework For Sharing, and Collaboration

ArcGIS platform...

Its all about sharing

How most users
experience the platform



Apps

GIS content discovery
self-service mapping



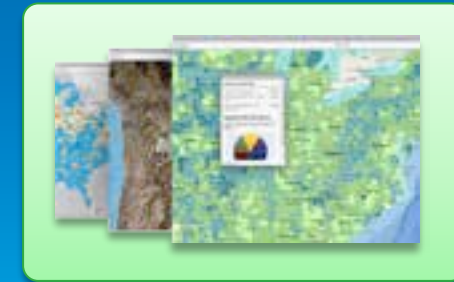
GIS portal

Back office
infrastructure

Web services
& data products



GIS servers
our own content



Ready to use
content

Solving a GIS problem...

Bald Eagle Counting

Big Bear Lake, California

CASE STUDY



Alex

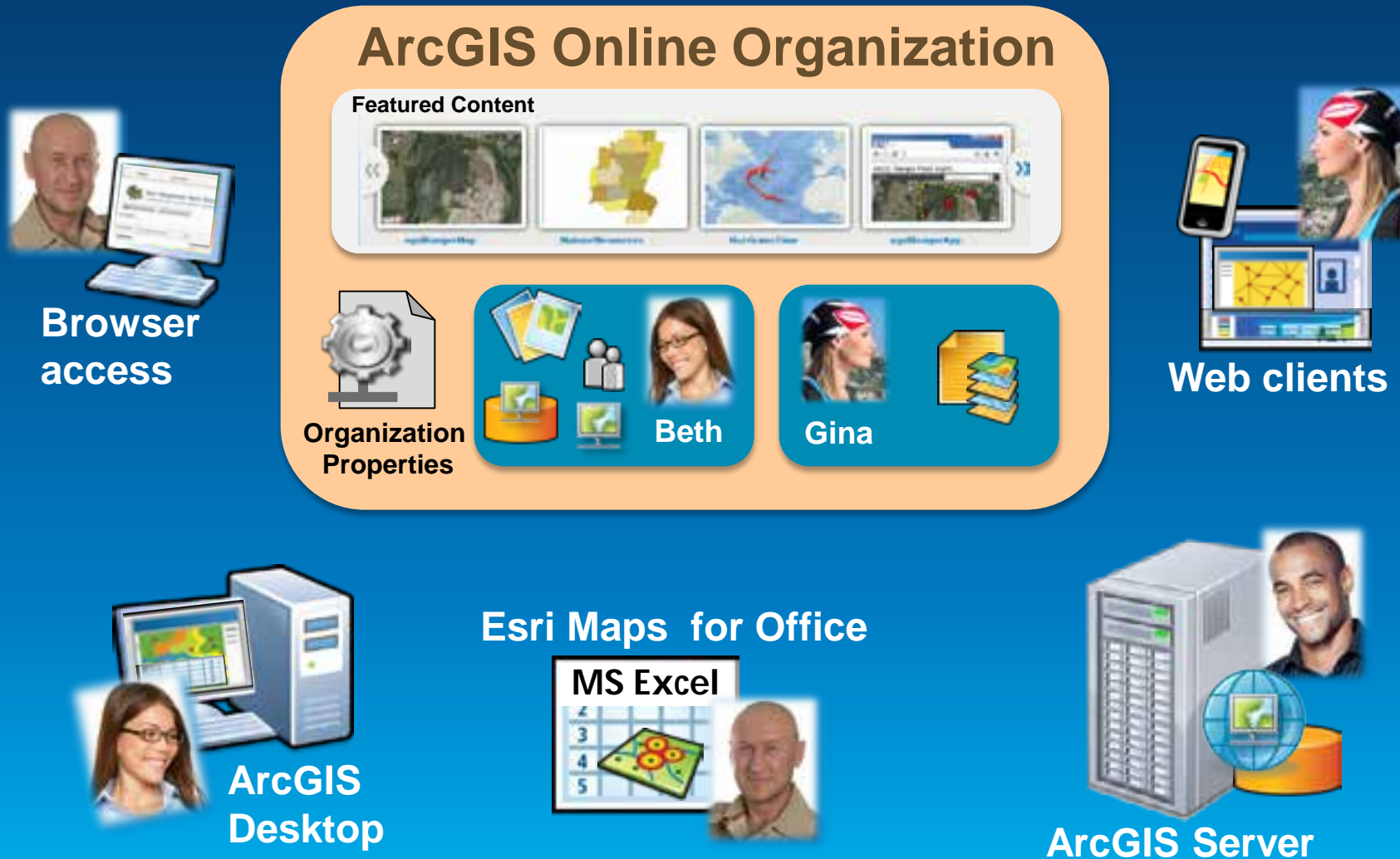
Gina

Beth

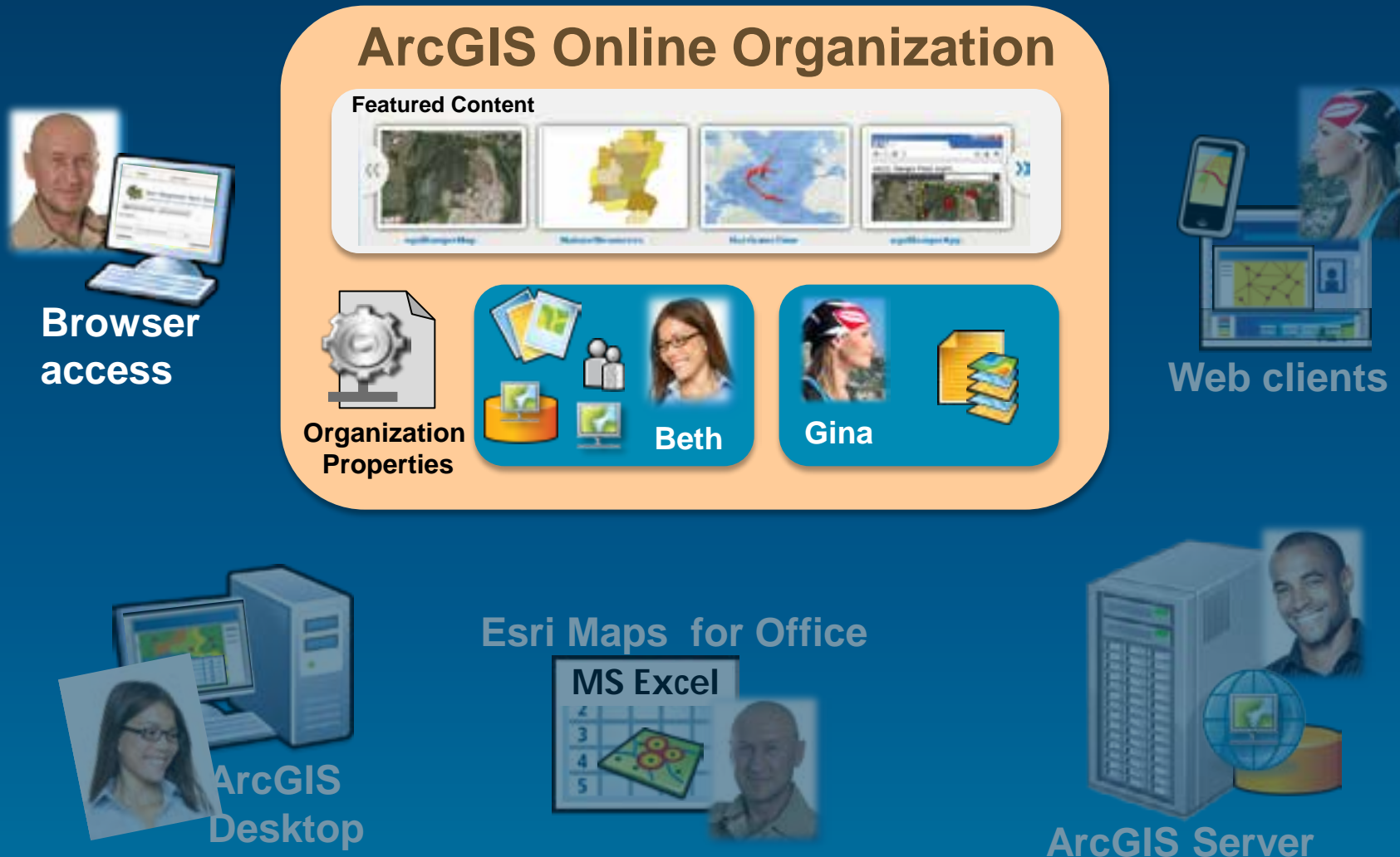
Rick



Case Study: People across the platform



Case Study 1A: A GIS portal is the platform's hub...



Organize geospatial content

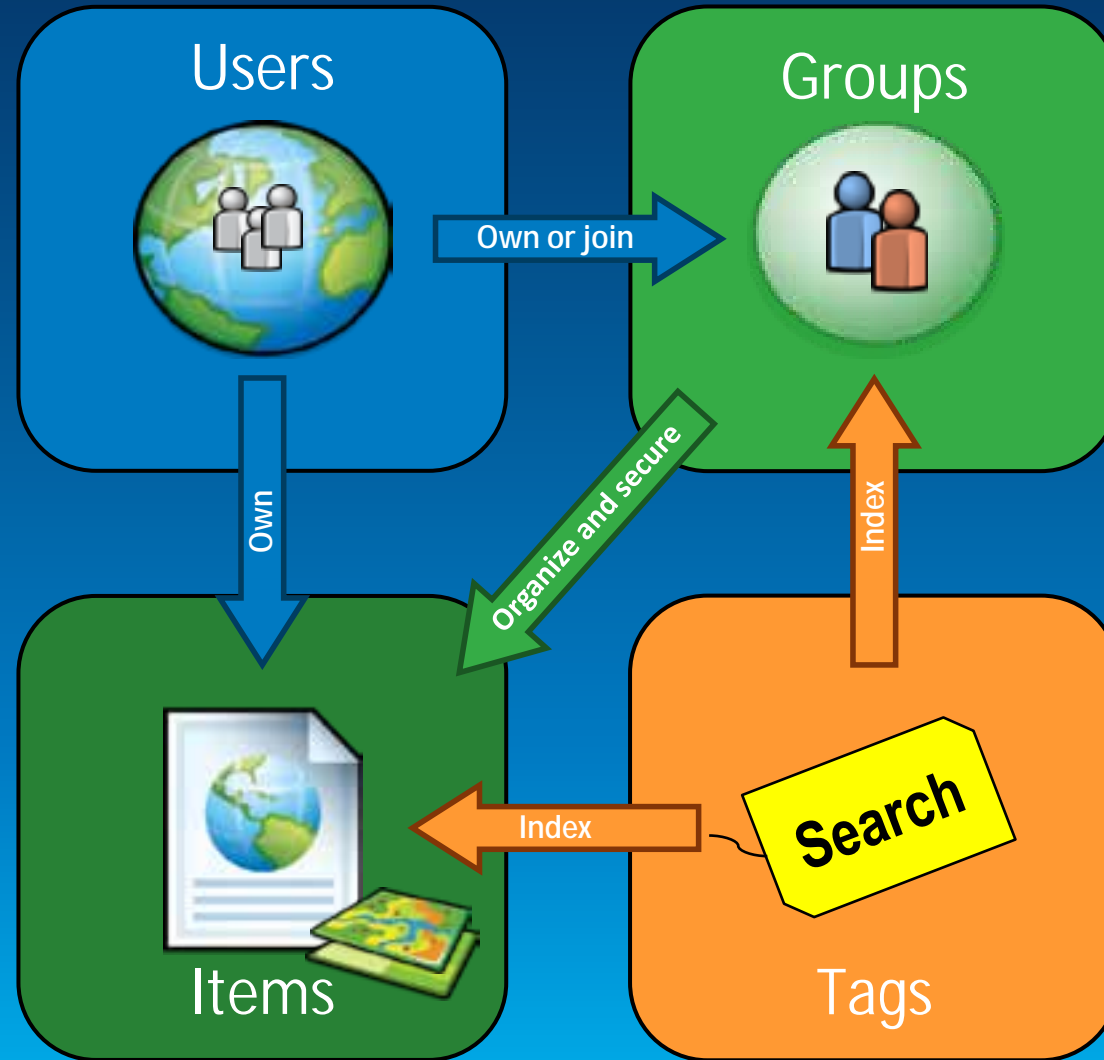
ArcGIS Online Organization: A common user interface

- ü User and content management
- ü Cataloging & searching
- ü Grouping & access control
- ü Hosting of GIS services
- ü Accessing subscription services



*... A New Architecture
... For Managing and Providing Easy & Secure Access*

GIS portal information model



Hosting services online

Custom GIS services without the GIS server....

- **Publishing**

- Tiled or editable features supported
- Easy ArcMap sharing interface

- **Access**

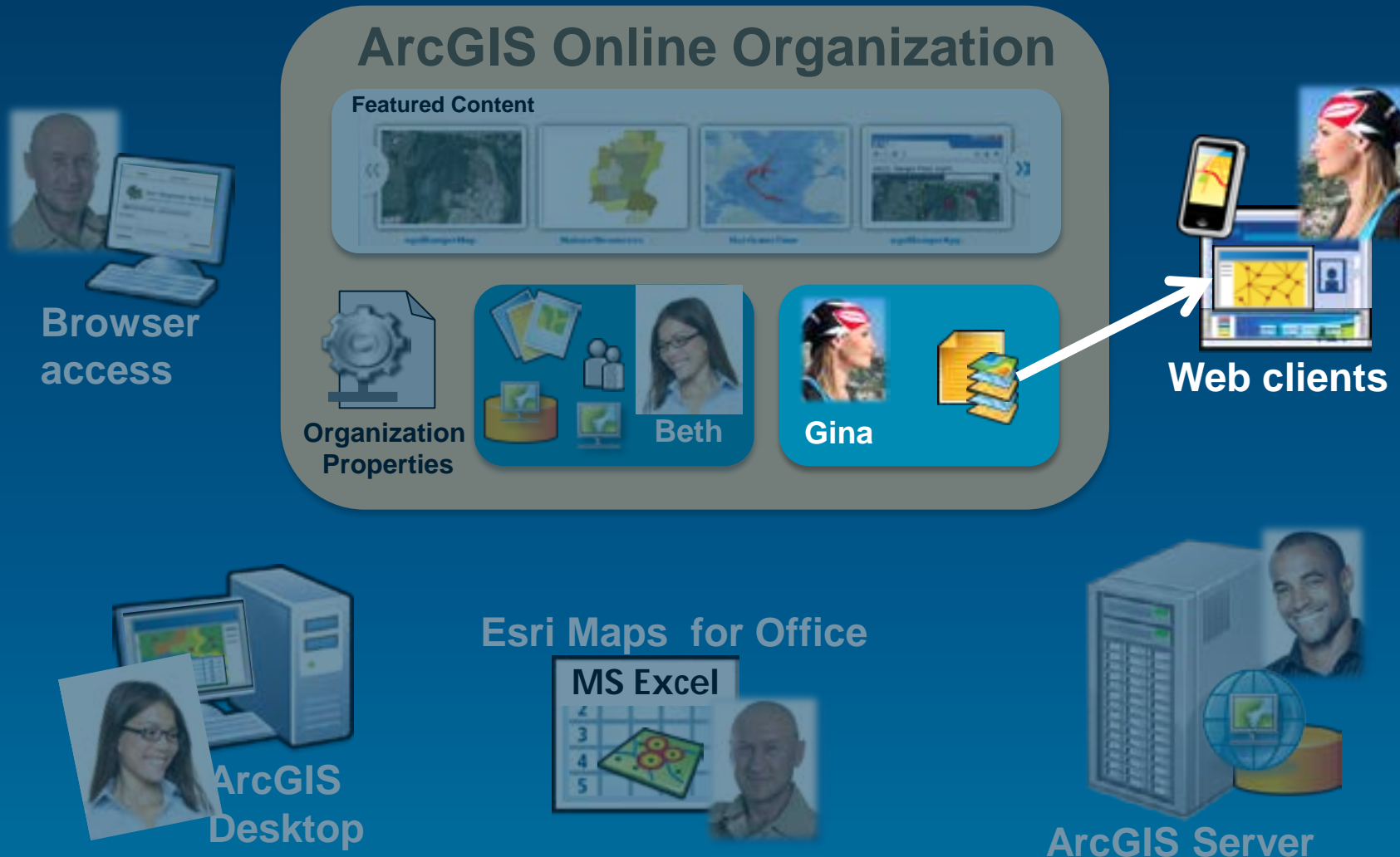
- Universally available on the web
- Groups all for secured configuration

- **Administration**

- No server to buy and maintain
- Scale resources as needed



Case Study 1B: Web maps and apps open client access...

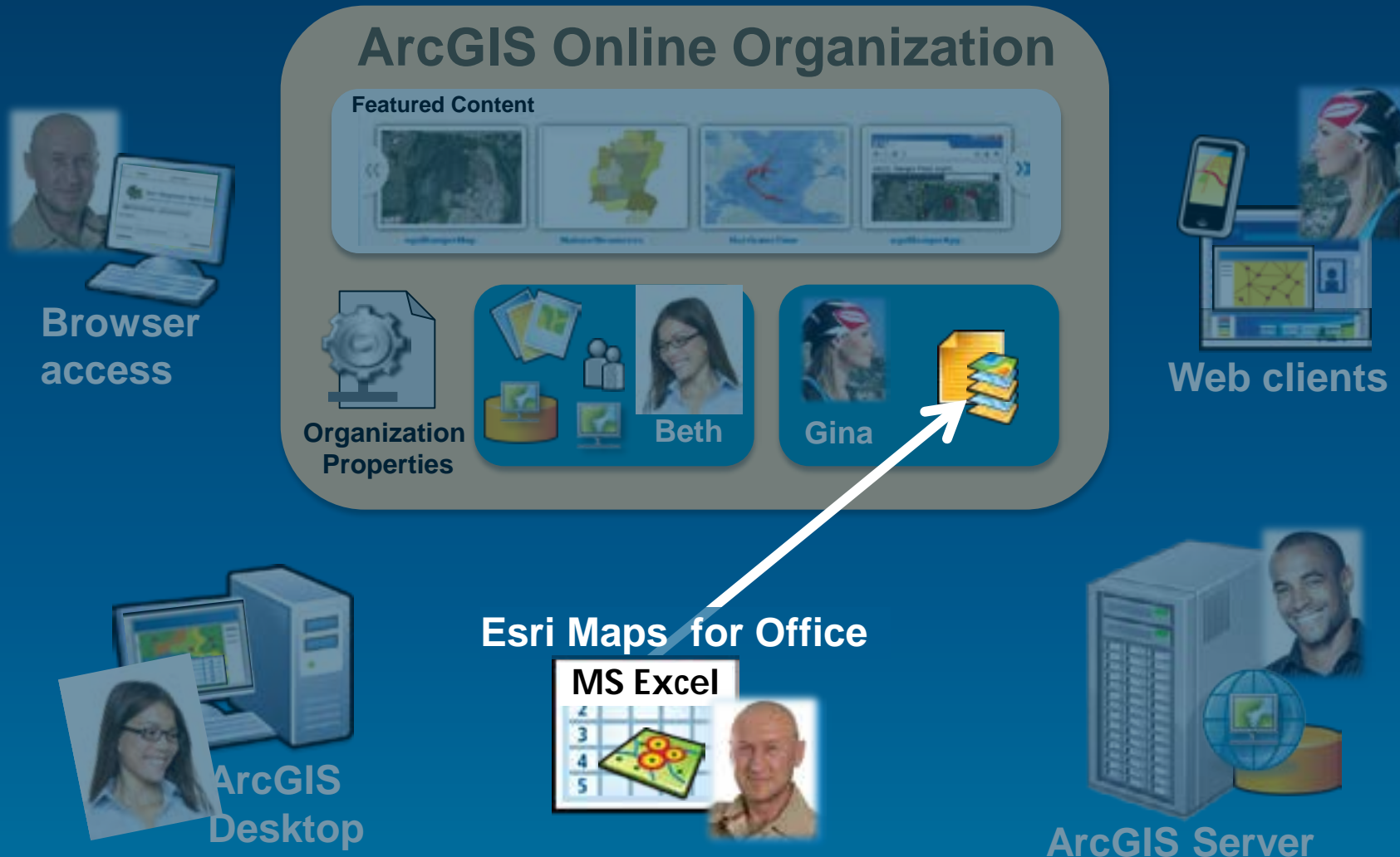


One map for any device

On the ArcGIS platform the web map format is ubiquitous...



Case Study 1C: Location analytic integrates maps into familiar tools...



Location Analytics

Geo-Enable the Enterprise with Esri's Open Mapping Platform



Break Down Silos

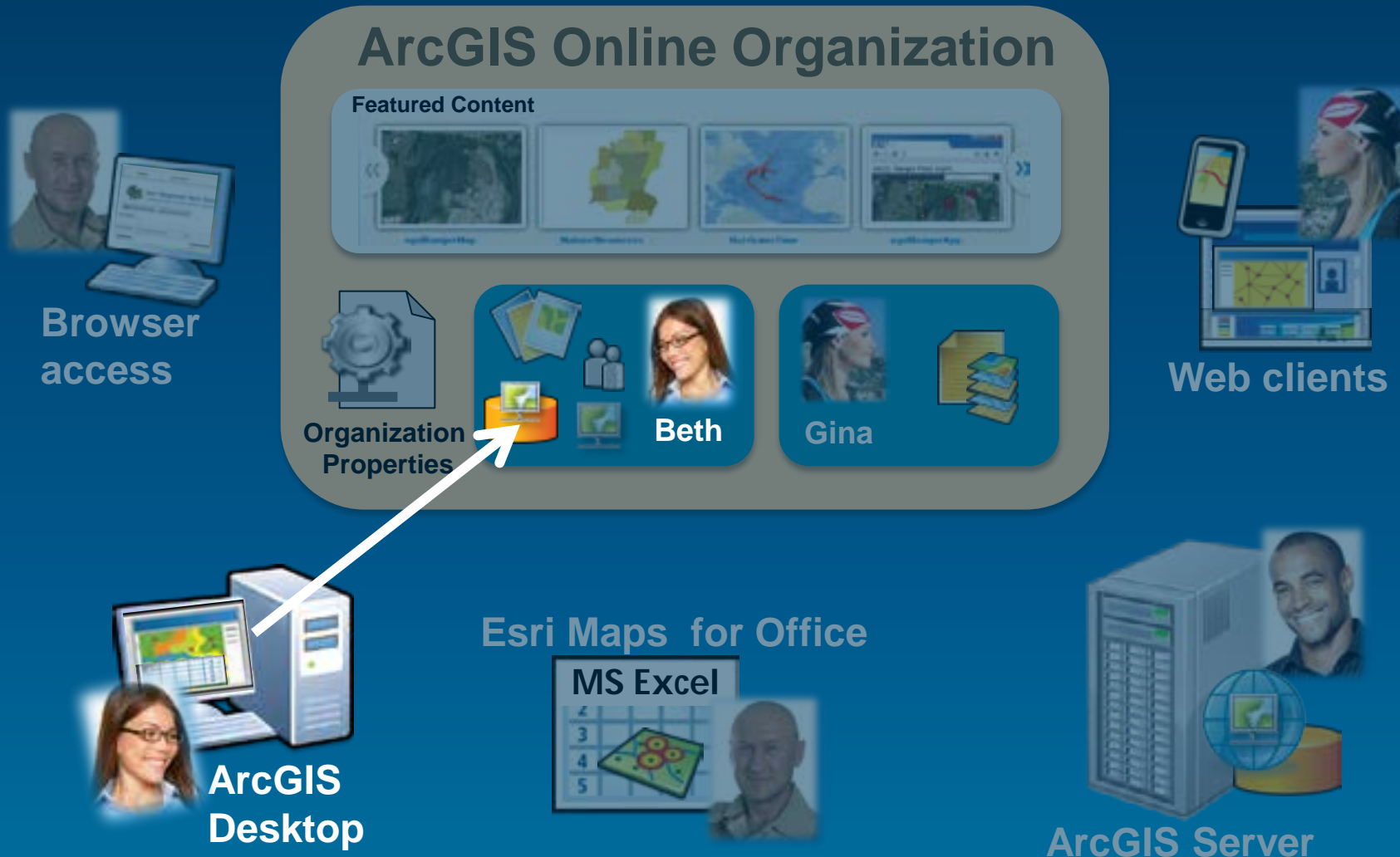
Increase Collaboration

Using what you know to “plug in” to the platform

Esri maps for...



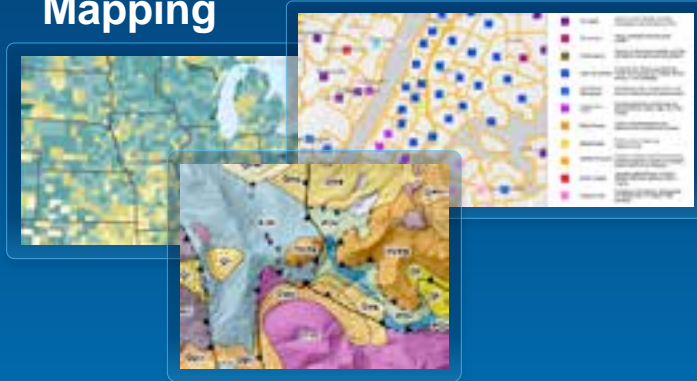
Case Study 1D: Sharing the power of ArcGIS Desktop



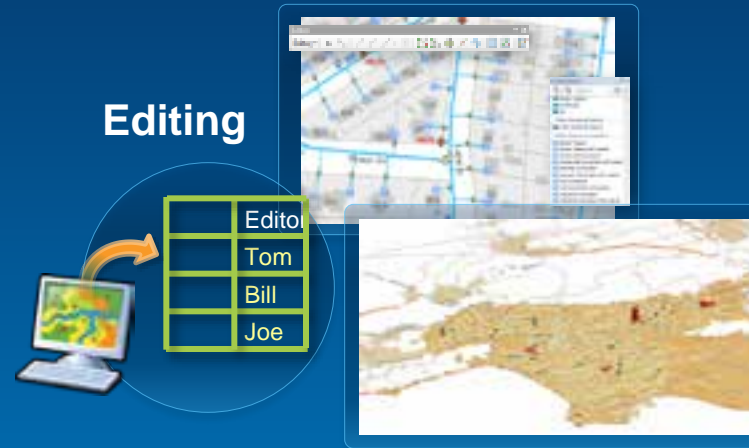
Integrate desktop capability

Authoring authoritative content...

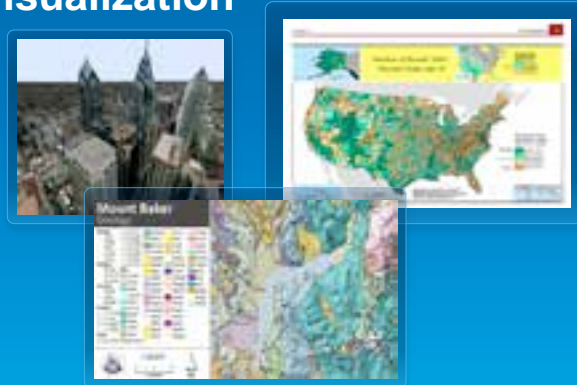
Mapping



Editing



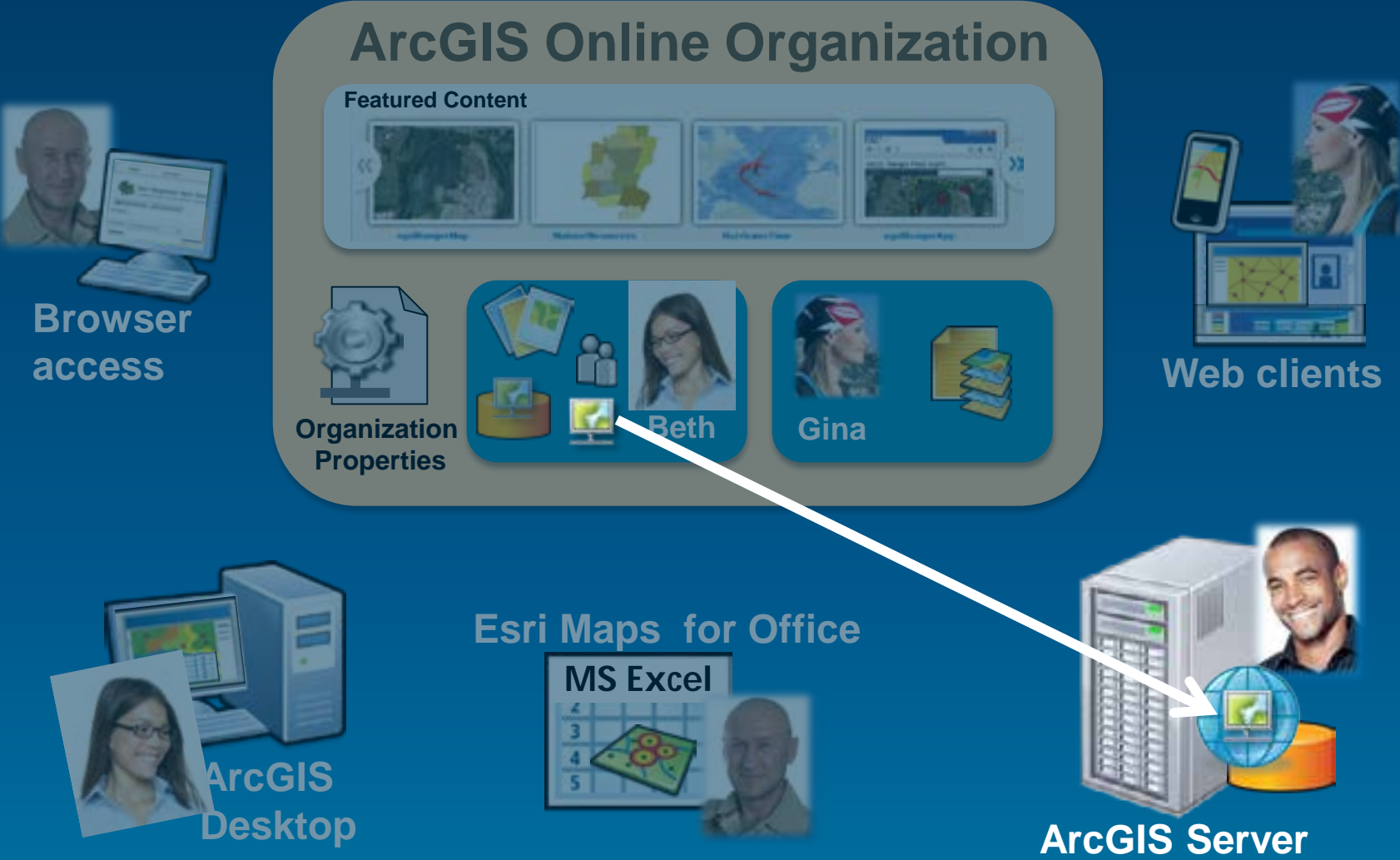
Visualization



Analysis



Case Study 1E: Leverage the versatility of ArcGIS for Server...



Functionality based on service types



Map

View or query a 2D map



Feature

Edit, view, or query features



Geocode

Find address locations



Geoprocessing

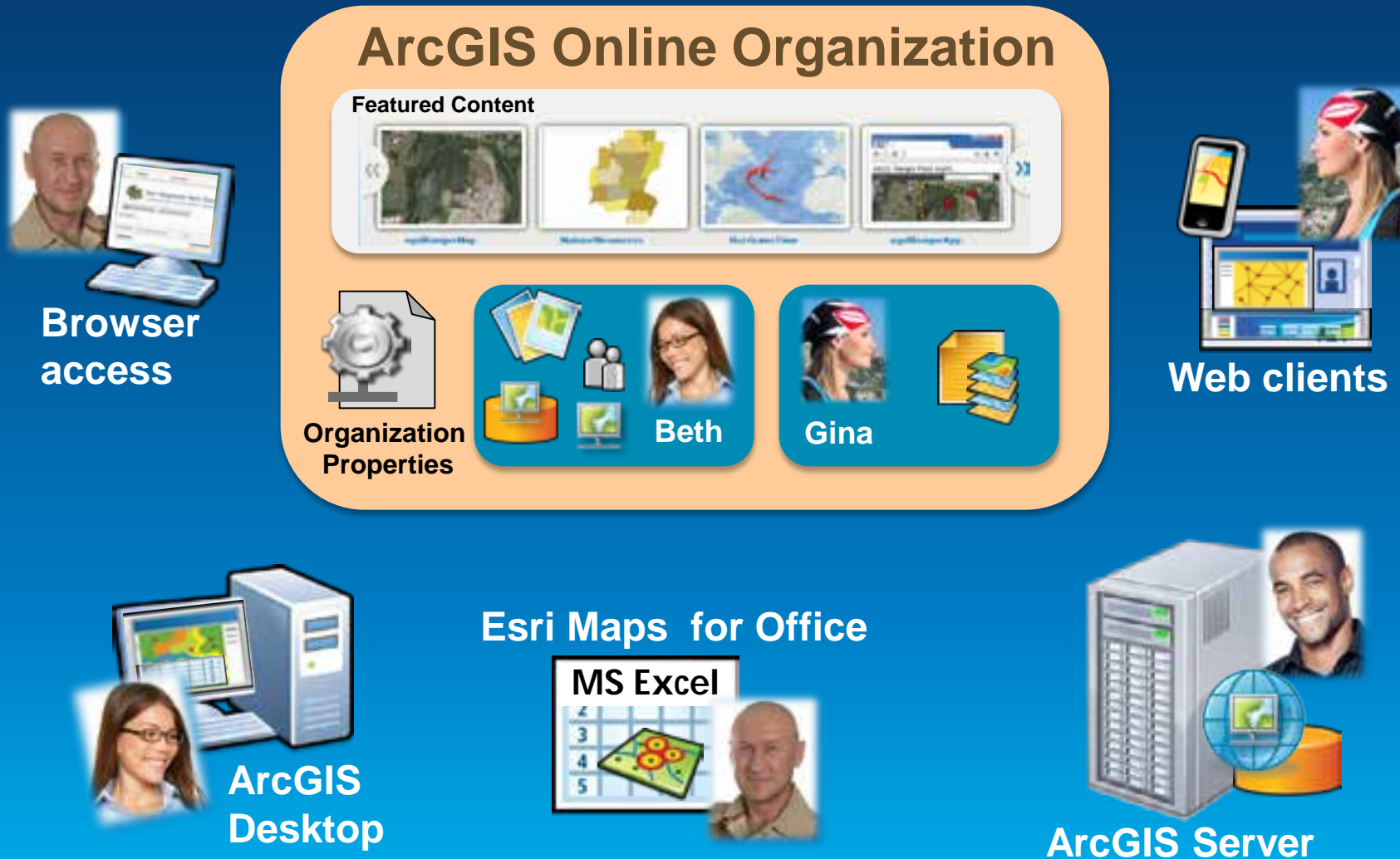
Run a tool or model on the server and get the results back



Image

Provide access to raster data

Case Study: People across the platform



Thank you...

- **Please fill out the session survey:**

First Offering ID: 1282

Second Offering ID: 1386

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Paper – pick up and put in drop box



Understanding our world.

ArcGIS Online

Public Accounts (2GB)

Subscription Services

Organizations
GIS portals



Basemaps

