

ArcGIS as a Platform – Putting it all Together

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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

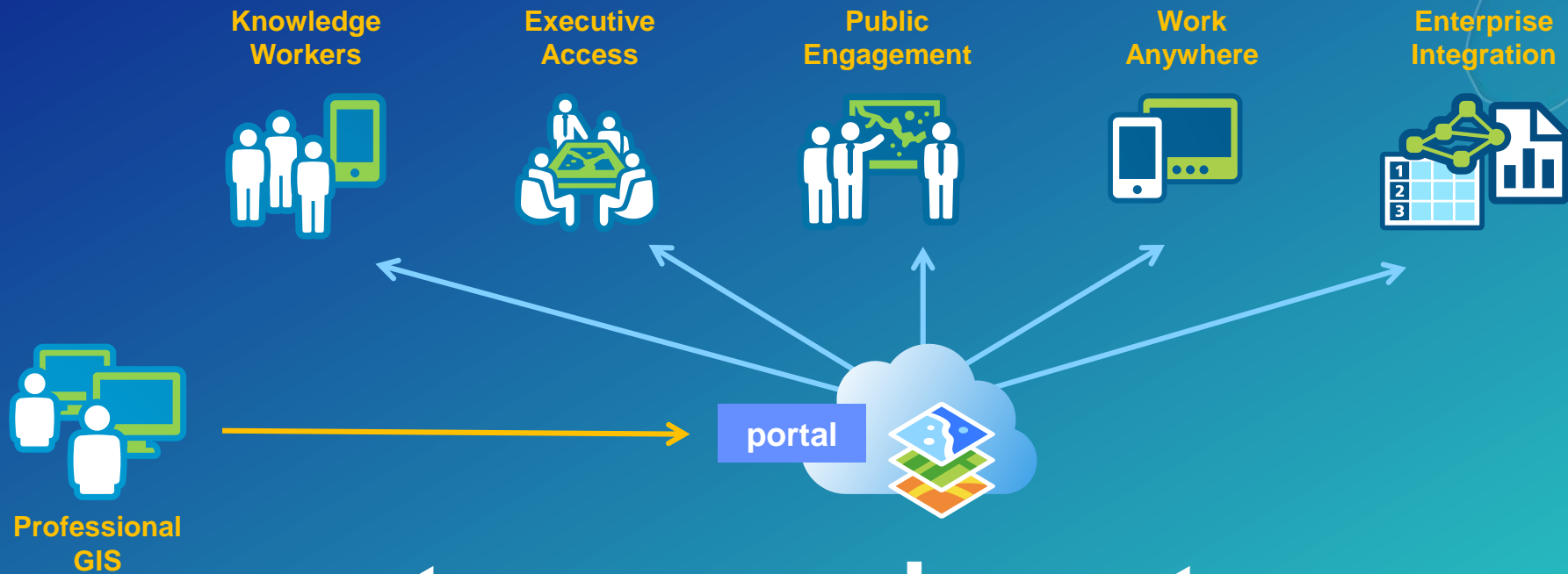
ArcGIS Is a Platform

Enabling GIS Everywhere

Providing mapping, analysis, data management, and collaboration



Empower people



to use and create maps

Solving a GIS problem...

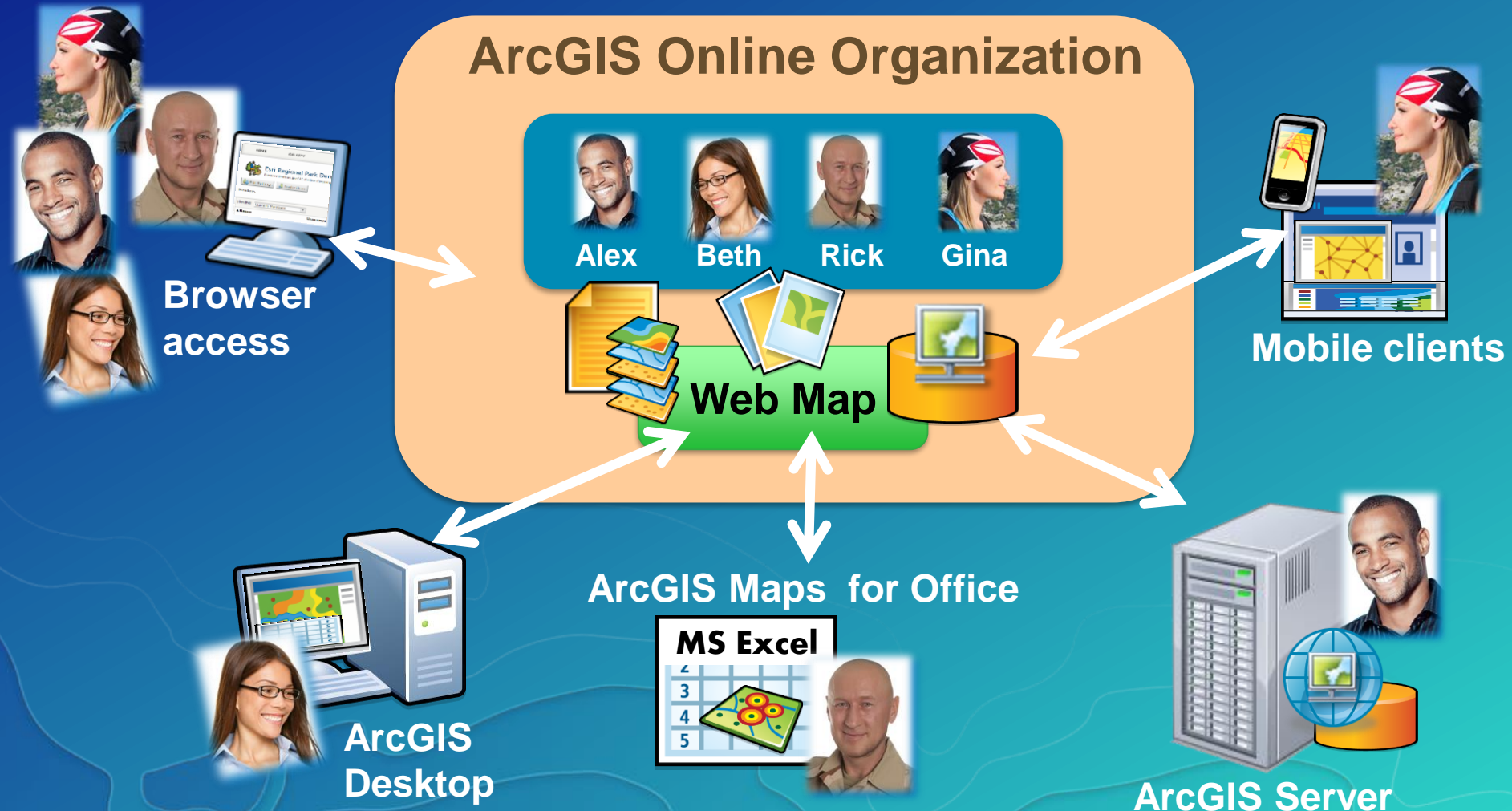
Bald Eagle Counting

Big Bear Lake, California

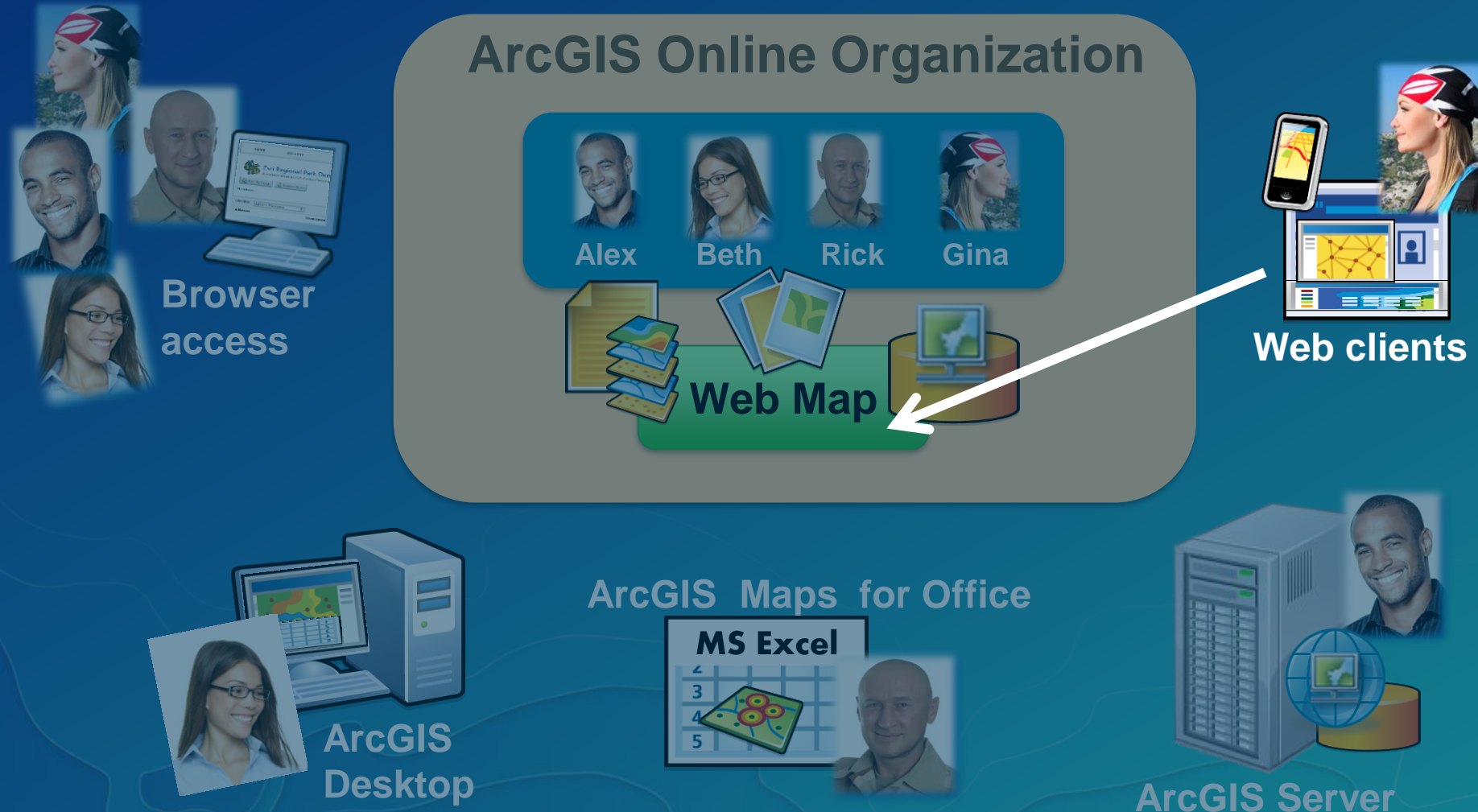
DEMO



Case Study: People across the platform

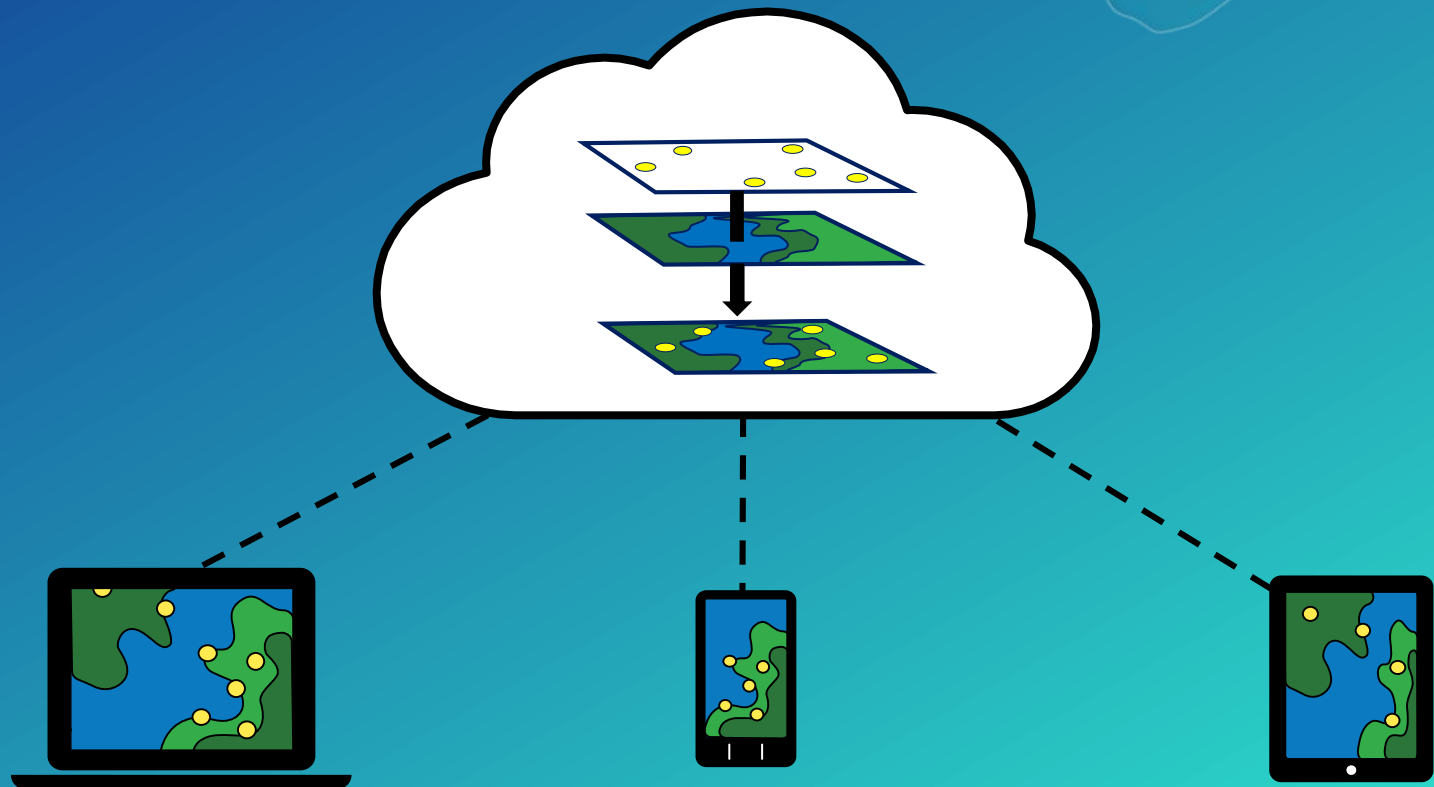


Case Study 1A: Web maps allow for easy spatial data discovery



Web Map

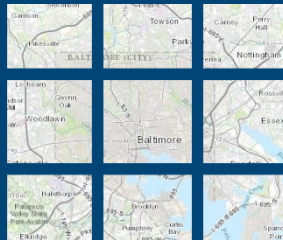
- A map stored in ArcGIS Online or Portal for ArcGIS
 - Basemap
 - Operational layers
 - Legend
 - Scalebar
 - Optional: Bookmarks
- Layers are web layers



Web map layer types



Feature layer



Tile layer

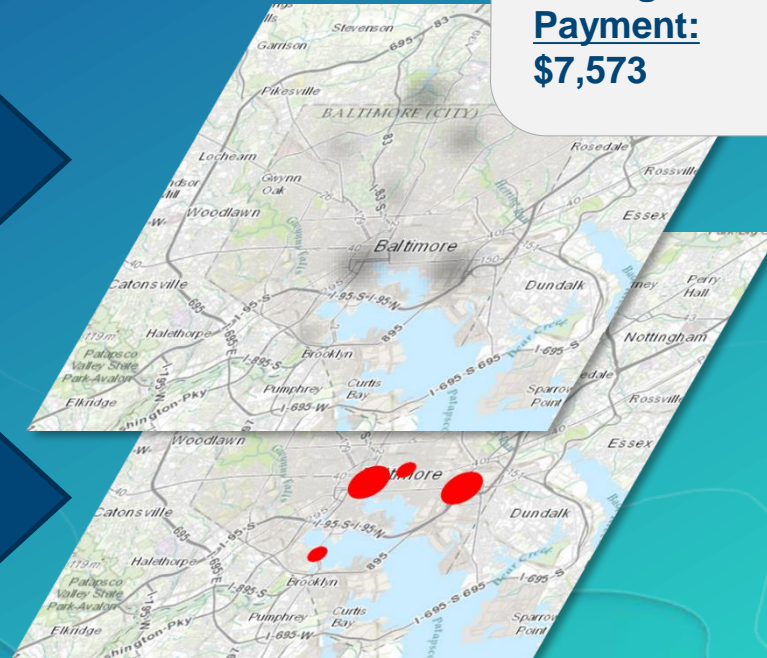
Web map



Provider:
St. Joseph
Medical Ctr.

Discharges: 14

Average
Payment:
\$7,573

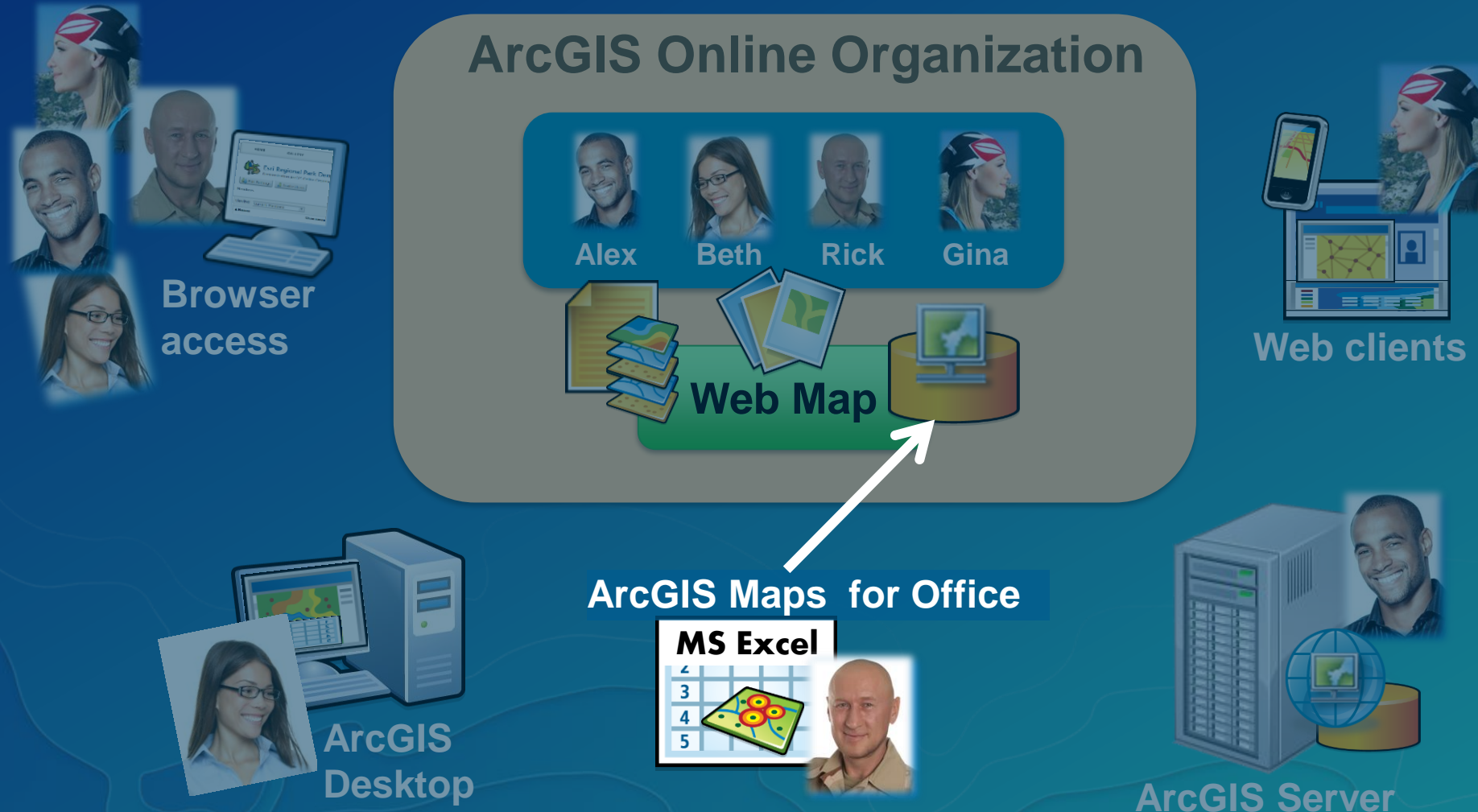


One map for any device

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

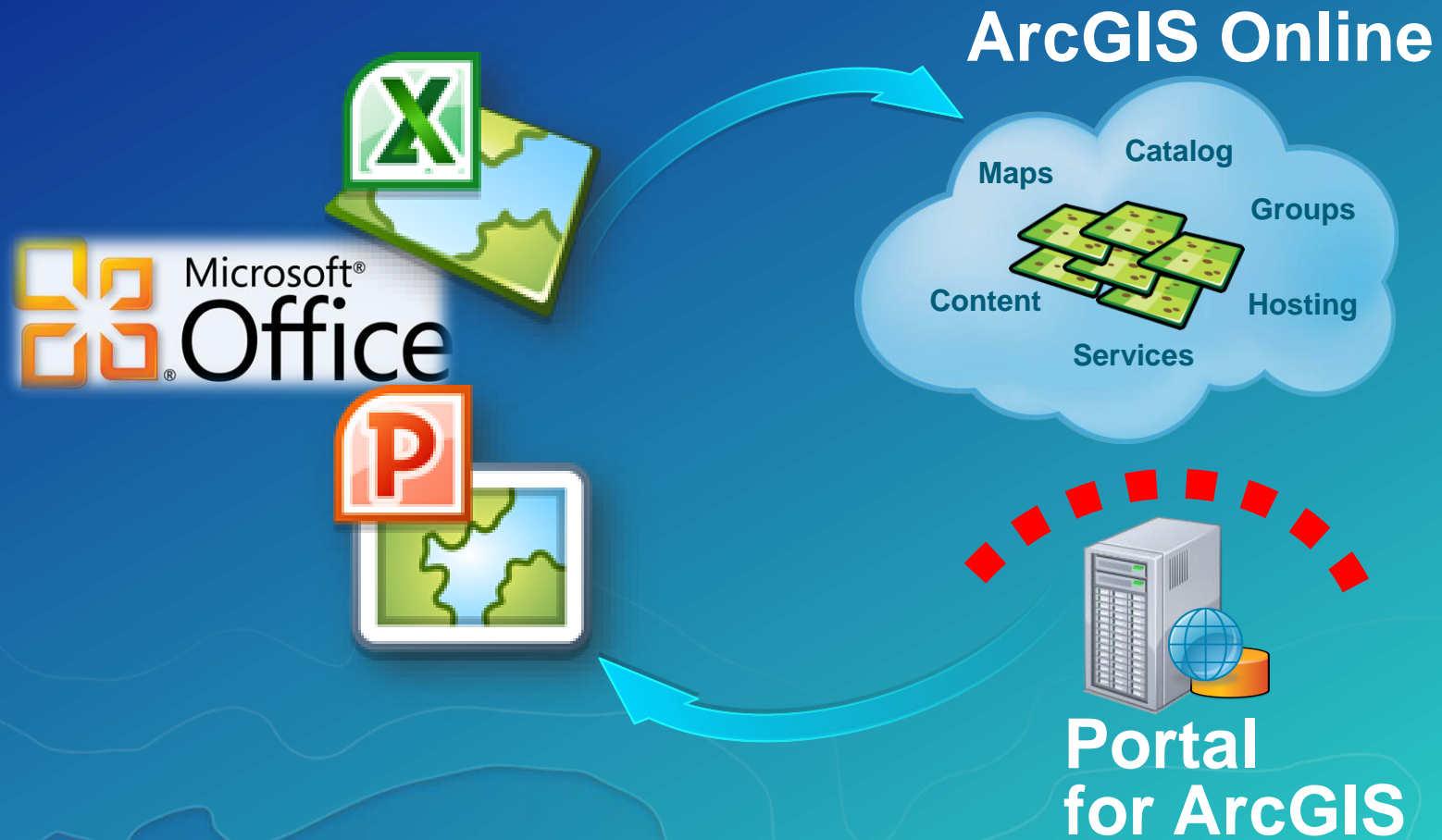


Case Study 1B: Using Maps in familiar tools...

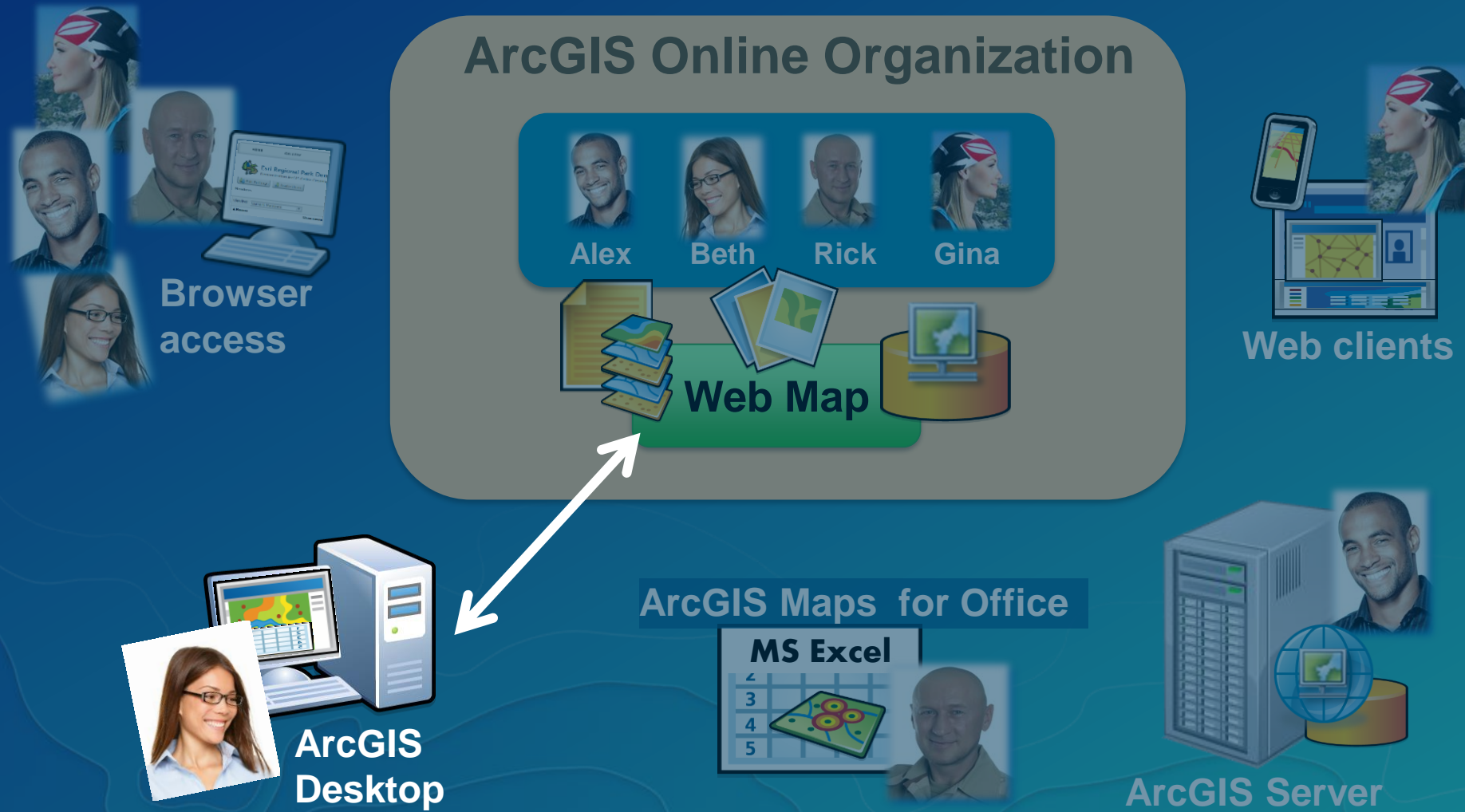


Using what you know to “plug in” to the platform

ArcGIS maps for...



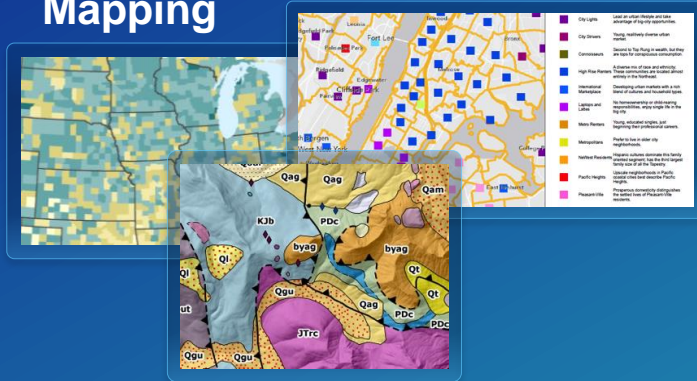
Case study 1C: Add content from ArcGIS for Desktop



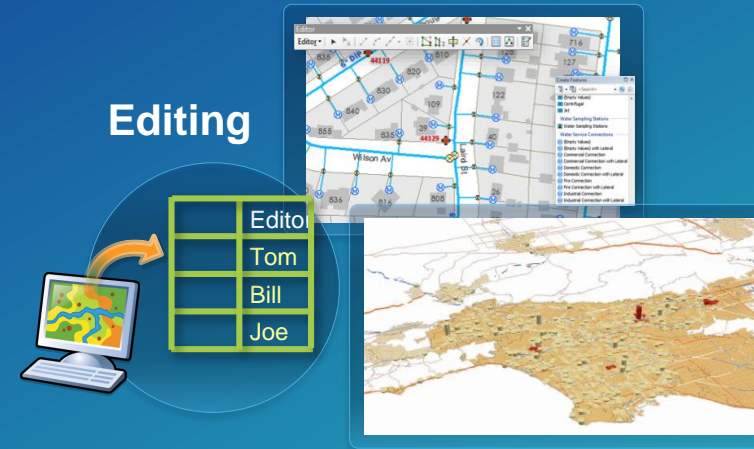
Integrate ArcGIS for Desktop capability

Authoring authoritative content...

Mapping



Editing



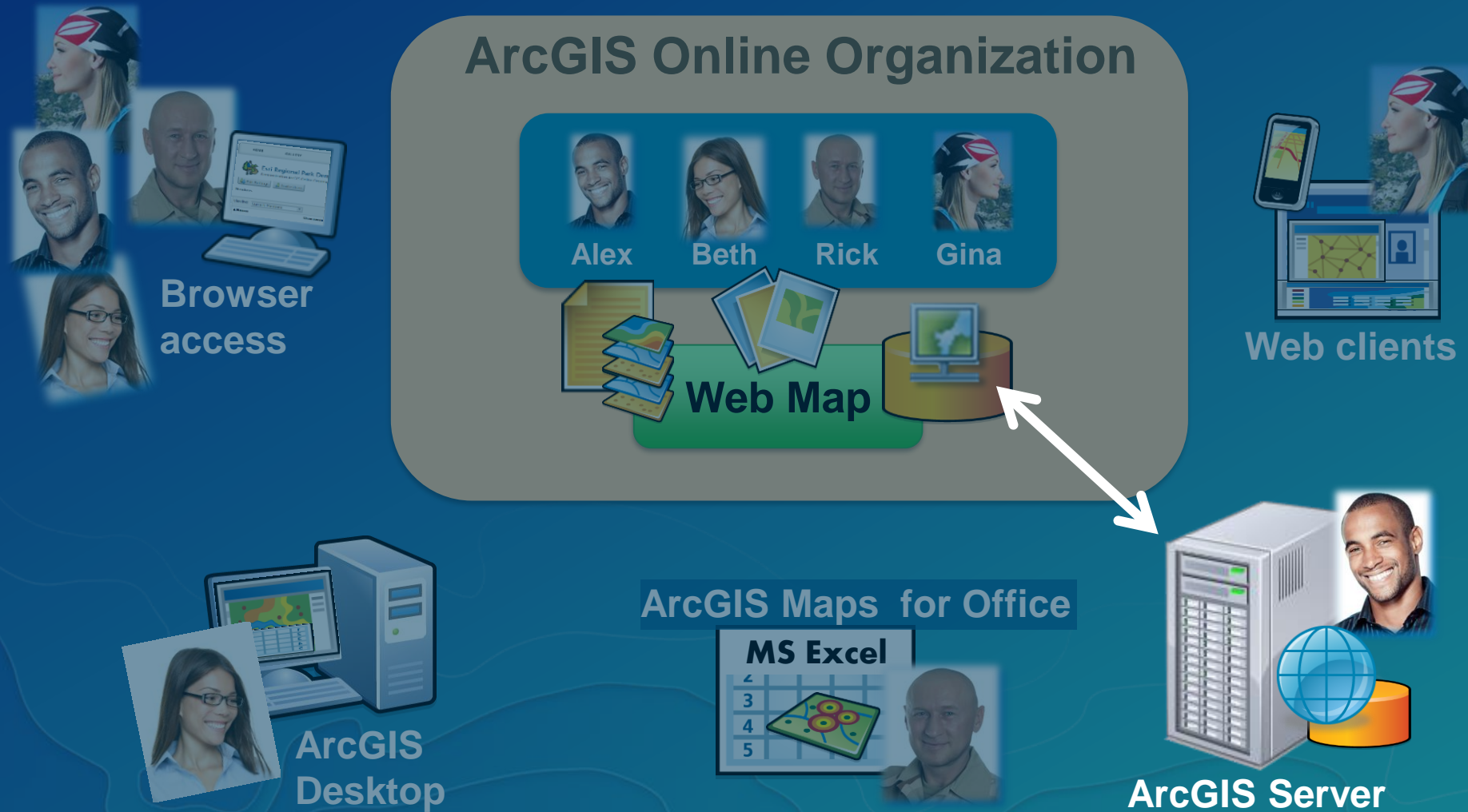
Visualization



Analysis



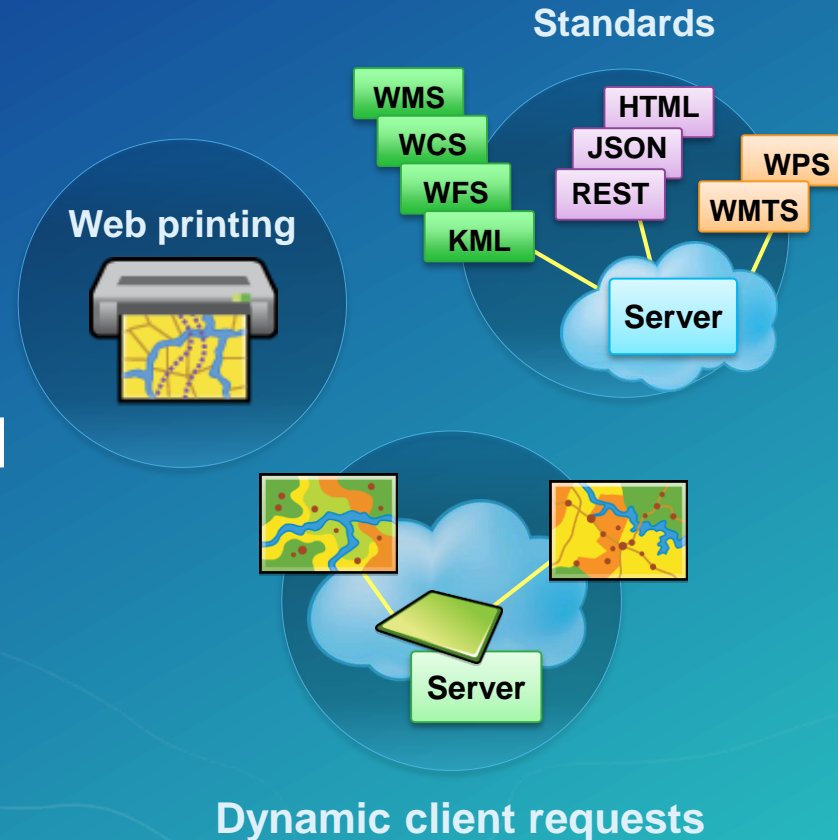
Case Study 1D: Leverage the versatility of ArcGIS Enterprise...



Web service infrastructure

Provides an open web sharing model

- Fast
- Scalable
- Protocol rich
- Standards-based
- Secure



Dramatically Improving GIS Infrastructure

Functionality based on service types



Map

View or query a 2D map



Feature

Edit, view, or query features



Geocode

Find address locations



Geoprocessing

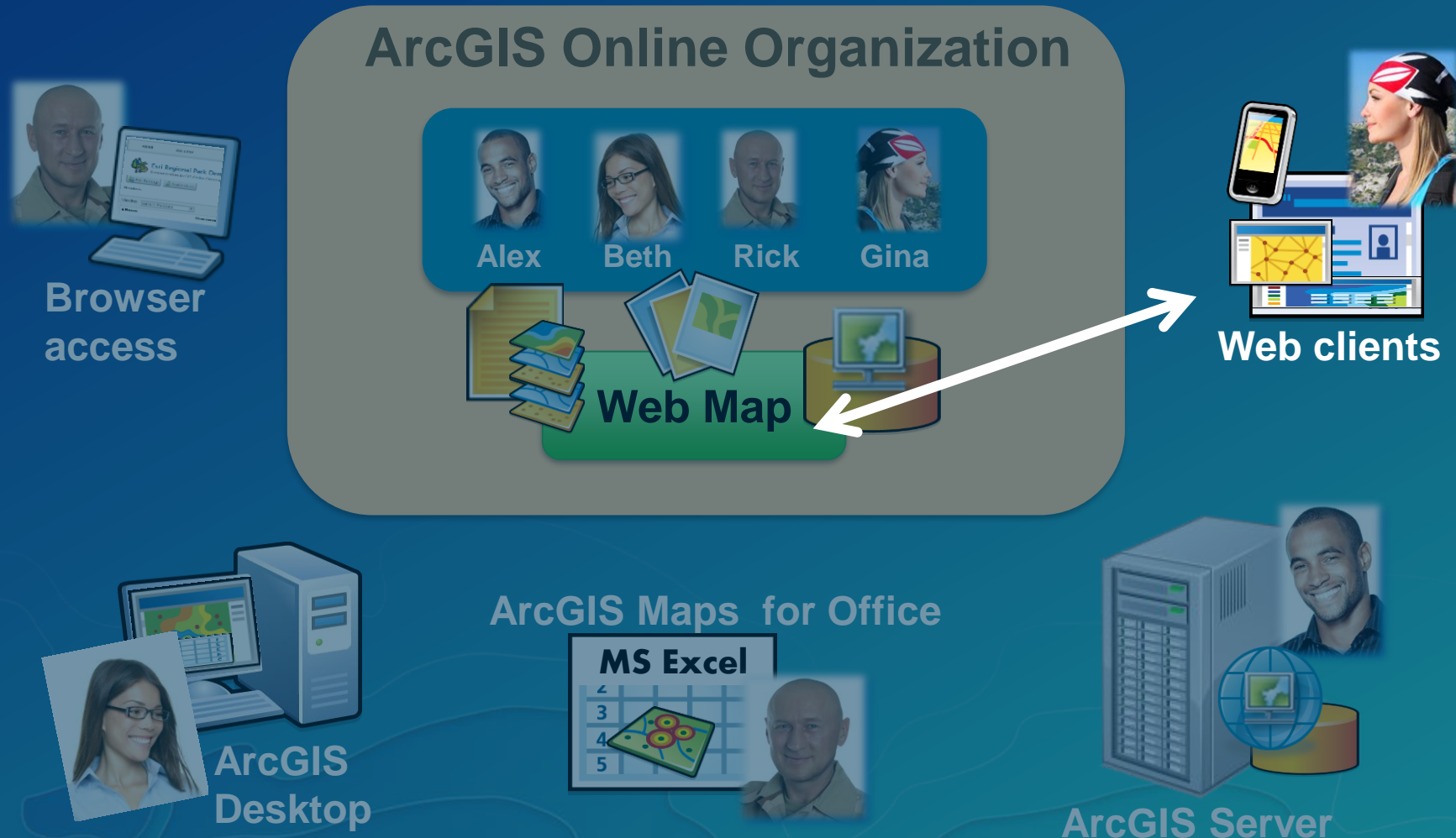
Run a tool or model on the server and get the results back



Image

Provide access to raster data

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



Please Take Our Survey on the Esri Events App!

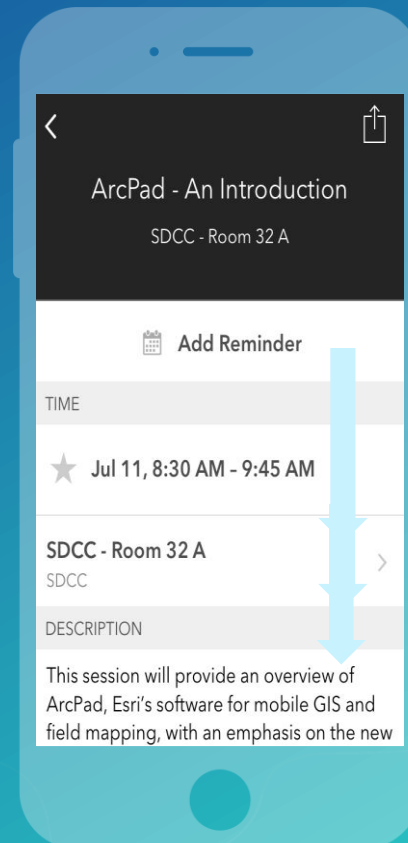
Download the Esri Events app and find your event



Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"





esri

THE
SCIENCE
OF
WHERE