

The banner features a dark blue background with abstract, glowing blue and cyan geometric shapes, including hexagons and circles. A large white hexagon is prominent in the center-left, containing a stylized blue and green graphic. To the right, the text 'Esri Water User Group Meeting' is written in a large, bold, white sans-serif font, with 'Western States' in a smaller, light green font below it.

Esri Water User Group Meeting

Western States

Questions & Answers

1. Is this water user group meeting going to be recorded and shared?
 - Yes, recordings, the Q&A, and additional resources will be available here: <https://go.esri.com/WesternStatesUGM>
2. Esri: Can we test our feature services / maps from Collector in the new Field Map app, while still being able to continue using Collector (no upgrade to the data that is not backwards compatible)?
 - Yes, any map available in Collector will also be available to use in Field Maps.
3. Esri: Where can I get additional information for the hydrant application that you showed in the video? I am looking for automated calculation out in the field.
 - Currently there is no ArcGIS supported solution for the hydrant inspection workflow. However, the Utility Network includes a related table for collecting hydrant inspection information, and the Data Management Solution for ArcGIS Online can be used as a template and example for configuring a hydrant inspection workflow. Information on these solutions can be found here <https://doc.arcgis.com/en/arcgis-solutions/industries/water-distribution.htm>. If you're interested in implementing a workflow like this and don't know where to start, then please reach out to your account manager.
4. Esri: Does ArcGIS Field Maps need additional licenses? Does first release include Navigator?
 - The Field Maps application does not require additional licenses. However, users will be limited by their assigned user type. If a user has a viewer user type, then they will only be able to use view only capabilities in the Field Maps application. If a user has an editor user type, then they will be able to collect data and update features.



5. Esri: In the demo, I think I saw hydrant inspection history? How was it achieved to show on Field Maps?
 - In the demo the hydrant inspection history was stored as a related table to the hydrants layer. In Field Maps you can then see all the related record when you select a hydrant feature and navigate to the related records.

6. Esri: With regards to Field Maps, for a non-logged in user, is there a dis-connected option?
 - Yes! Users can still download and view content offline without using aArcGIS login.

7. Esri: When is the first release of Field Maps? Is the Field Maps Web App available with the release?
 - The Field Maps mobile application is now available to users on Apple and Android devices. The web application is expected to be released in December 2020.

8. Esri: With regards to Field Maps, is versioning available now?
 - Yes, there are some versioning capabilities with the first release of field maps. If you want to learn more about how to perform QA/QC workflows and work with versions in Field Maps then you can find more information here <https://doc.arcgis.com/en/field-maps/android/help/design-an-editable-layer.htm>.

9. Esri: Do all the items participating within the web map need to have the same spatial reference? For example, we use Stateplane (EPSG: 2913) as our default projection. However, the basemap we consume from AGOL uses WGS84 Mercator (Auxiliary Sphere | EPSG: 4326). Is this a problem?
 - ArcGIS performs projections on the fly to resolve conflicts when your data is in a different coordinate system than your map. Projection on the fly allows you to create web maps for viewing and data collection with layers and basemaps that are in different coordinate system.



- However, there are also methods for publishing a custom basemap in your desired projection to be used in web maps and mobile application. To learn more there is a free course on Esri's training site that walks through how to create and publish custom base maps.

10. Esri: Are there tutorials available to learn how to use ArcGIS Field Maps?

- Currently there are resources on how to use the functionalities in Field Maps here <https://www.esri.com/en-us/arcgis/products/arcgis-field-maps/resources>. In the future look out for tutorials and training courses on Esri's training website.

11. Town of Queen Creek: What was the initial cost for the infrastructure? Can this be implemented in other communities?

- We entered into the Enterprise License Agreement which gave us access to ArcGIS Server as well as ArcGIS Online. We paid \$25,000 annually at that time. It is possible to implement something similar using just ArcGIS Online, if that is all you have access to, as you can host feature services there. We chose to use ArcGIS Server for hosting our services as we had a few more options for custom symbology and it made updating the map simpler for our process. This could definitely be implemented in other communities but it is really important to define your workflows so you can identify what tools you really need.

12. Town of Queen Creek: How do you handle customer notices prior to shut offs?

- We mail out 2 or 3 notices to customers before we shut off their account. This is all handled through our current billing program which does not integrate with GIS. Our new billing program will be heavily integrated with GIS.