

Field Operations Webinar Series

Questions and Answers

April 14th and 21st, 2021

Is there a field Maps option for windows 10 tablets? Especially options where the windows 10 tablet is connected to a high precision GNSS receiver ... sub-foot and greater precision.

We are not developing ArcGIS Field Maps for Windows 10 tablets at this time. Current solutions that can connect to external GNSS receivers include ArcGIS Collector, Survey123, QuickCapture and ArcGIS Pro 2.7+. We are following developments from Microsoft and there is a possibility that Windows 10 devices will be able to [run Android apps](#) in the near future. We will know more about Microsoft's windows development future after their Build conference in May.

Does Field Maps support Geometric editing out in the field?

Yes. ArcGIS Field Maps fully supports the collection and editing of points, line and polygon geometries today. This includes support for elevation values captured using GPS receivers as well.

Can I download for mobile android? (Field Maps)

Yes. Field Maps is available on [Google Play](#) and we provide the binary for you to [download](#) and side-load to devices (or push via an MDM) as well.

Data source? I am wondering how it works with NISC MapWise?

NISC (National Information Solutions Cooperative) is a gold partner of Esri. NISC MapWise is an integrated intelligent mapping solution designed to help visualize data—enabling you to find relationships that might be not as easy to connect on a spreadsheet. NISC provides their own mobile app suite called [iVUE](#). Not sure how to answer this other than referring them to talk their account team at NISC.

How do we handle disparate data sets, such as implementing bar coding while the REST of the map data is in need of conflation?

Not 100% this is answering the question, but barcode scanning is built into Field Maps natively, so there's no other configurations that are required. It will scan the barcode and input the values in the text field you specify.

Is Field Maps available for Microsoft Apps Store?

We are not developing ArcGIS Field Maps for Windows currently. We are following developments from Microsoft and there is a possibility that Windows 10 devices will be able to run Android apps in the near future. We will know more about Microsoft's windows development future after their Build conference in May.

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Is there an application to allow users to view dashboards on a mobile device?

¿Existe una aplicación que permita a los usuarios ver paneles en un dispositivo móvil?

Currently, we do not offer a mobile application for ArcGIS Dashboards. However, you can share with users the appropriate web links for them to be able to open dashboards on a mobile device. You also could create a shortcut on the mobile device's home screen for easier access. Please consider reviewing our [best practices](#) when designing a mobile dashboard.

Actualmente, no ofrecemos una aplicación móvil para ArcGIS Dashboards. Sin embargo, puede compartir con los usuarios los enlaces web adecuados para que puedan abrir paneles en un dispositivo móvil. También puede crear un acceso directo en la pantalla de inicio del dispositivo móvil para facilitar el acceso. Considere revisar nuestras mejores prácticas al diseñar un panel de control móvil.

Will Collector or Field Maps be able to recognize and adhere to attribute rules and constraints setup in ArcGIS Pro while updating the data in the field?

Field Maps does support attribute rules that are created and managed using an Enterprise Geodatabase and will work within ArcGIS Online and ArcGIS Enterprise.

Is there a sample of the as-built validation for TVC available?

That was done through a series of Arcade expressions that are team created for the purposes of the demo. We haven't made those expressions available to public, but we will look into that.

Are GPS coordinates always available from form fillable fields?

Coordinates are captured by default when using either the integrated GPS of the device or an external GPS device.

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I fully understand the data collection value Field Apps bring the organization from the GIS IT side, but I'm struggling with how I can convince Field Workers to use the Field Apps I have implemented. They are already overwhelmed with field related tasks. Any good suggestions in convincing the Field Workers to embrace Field Apps?

This is a great topic for the follow-up discussion. Change management is difficult. Best practices include field staff in the process, so the apps solve their biggest problems and they desire to use them to make their work better.

What data sources are supported when using ArcGIS Field Maps?

ArcGIS Field Maps supports both editable and non-editable data sources. If you're using ArcGIS Online, the Use in ArcGIS Field Maps mobile setting must be enabled for maps to appear in the Field Maps mobile app. If you're using the Field Maps web app, you can control what maps are available in the mobile app. The following editable data sources are supported: Feature layers hosted on ArcGIS Online, Feature layers hosted on ArcGIS Enterprise 10.5 or later or Portal for ArcGIS 10.4.1 or earlier, Related records, and ArcGIS Server feature services. For more information please view our [help documentation](#).

How is Field Maps implemented in ArcGIS Enterprise or ArcGIS Online?

Field Maps is supported in ArcGIS Online and ArcGIS Enterprise. The Field Maps mobile app is supported in ArcGIS Enterprise 10.6.1 and later, and the web app is supported in 10.8.1 and later. For more information please visit our [help documentation](#).

The Map Software in one of the demonstrations appeared to be NISC's MapWise'. I would like to know if that is accurate and if so, how is the App incorporated with MapWise?

Within in this demonstration we utilized data created through ArcGIS to show hazards such as irate customers, low voltage readings, and customer information regarding specific needs. Being that NISC is an Esri partner there should be no issues integrating data sources with mobile applications. It is probably best that you reach out to NISC for clarification.