

Avenza Maps for Mobile Devices

For quick, simple, GPS-enabled mapping on your smartphone/tablet

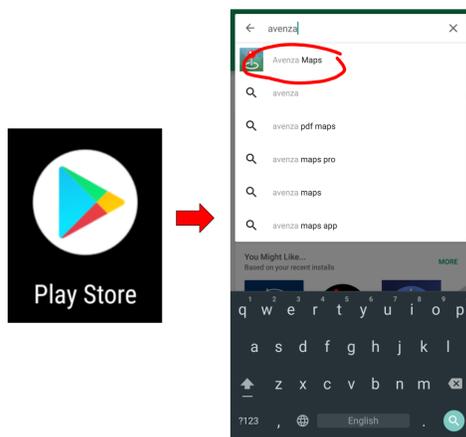
Paper maps are excellent tools, and they have been in use for millenia! But we live in the future, and there is a darn good chance you have smartphone with a built in GPS. Why not enhance those paper maps with your device's location info? With Avenza PDF, a simple app for Android or iOS, you'll be able to see your precise (within reason) location plotted directly on top of you favorite maps! Follow the steps below to get setup. If you have questions, run into issues or need assistance, feel free to email nic.pfeffertaggart@makah.com.

Install Avenza Maps

Installation is simple, you only have to do it once, but it will depend on the type of phone/tablet you have:

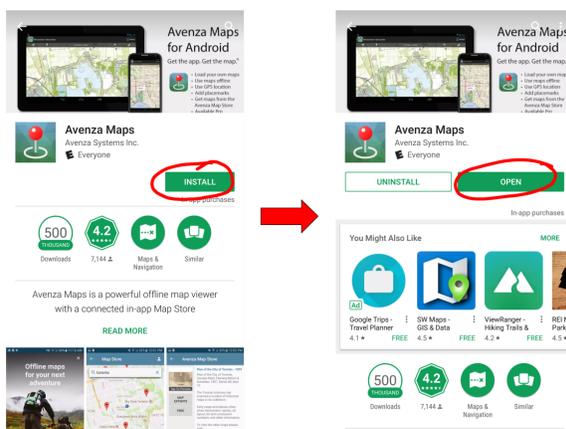
Android Phone/Tablet

1. Open the "Play Store" app on your device and search for "Avenza Maps"



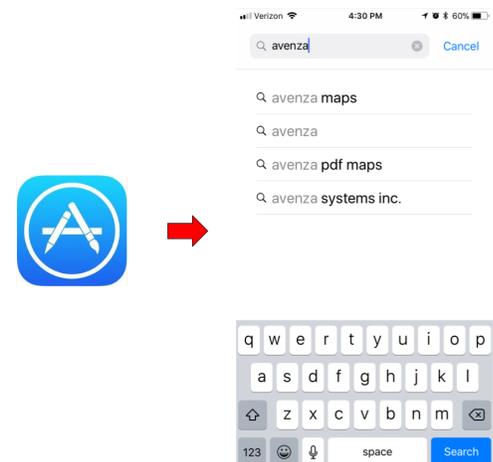
(alternatively, go directly to this link:
<https://play.google.com/store/apps/details?id=com.Avenza&hl=en>)

2. Tap "Install", if prompted for payment tap "skip" then wait for the app to download/install



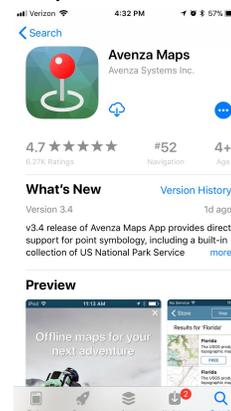
iPhone/iPad

1. Open the "App Store" on your device and search for "Avenza Maps"



(alternatively, go directly to this link:
<https://itunes.apple.com/us/app/avenza-maps/id388424049?mt=8>)

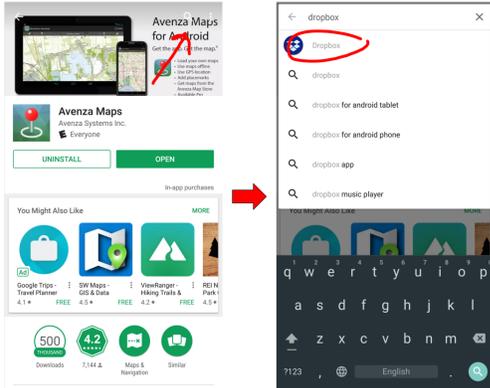
2. Tap "Install", if prompted for payment tap "skip" then wait for the app to download/install



Install Dropbox (*optional but recommended)

Android Phone/Tablet

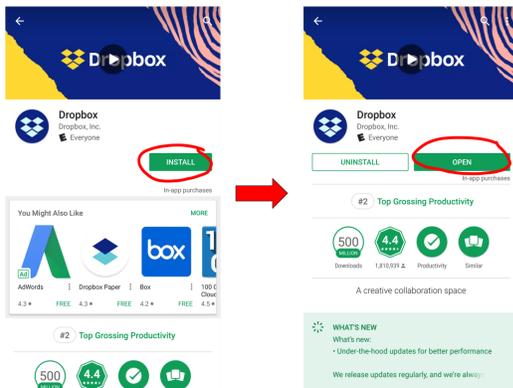
1. With the “Play Store” app open, search for “Dropbox”



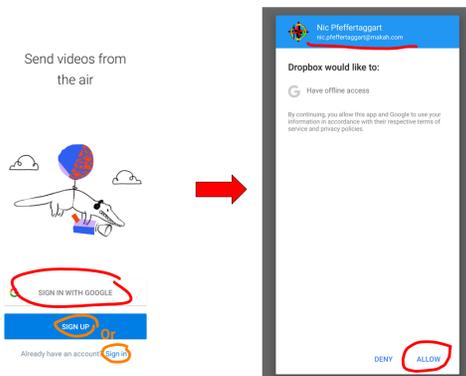
(alternatively, go directly to this link:

<https://play.google.com/store/apps/details?id=com.Avenza&hl=en>)

2. Tap “Install”, if prompted for payment tap “skip” then wait for the app to download/install

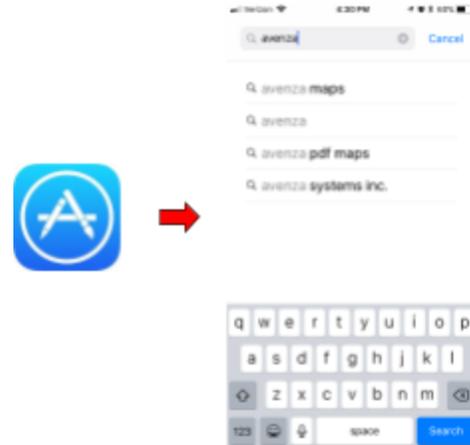


3. Once installed, open the dropbox app and sign in (you are most likely using “Sign in with Google” with your “...@makah.com account, if not create an account)



iPhone/iPad

1. With the “App Store” app open, search for “Dropbox”



(alternatively, go directly to this link:

<https://itunes.apple.com/us/app/dropbox/id327630330?mt=8>)

2. Tap “Install”, if prompted for payment info tap “skip” then wait for the app to download/install
3. Once installed, open the dropbox app and sign in (you are most likely using “Sign in with Google” with your “...@makah.com account, if not create an account)

Avenza Maps Basic Usage

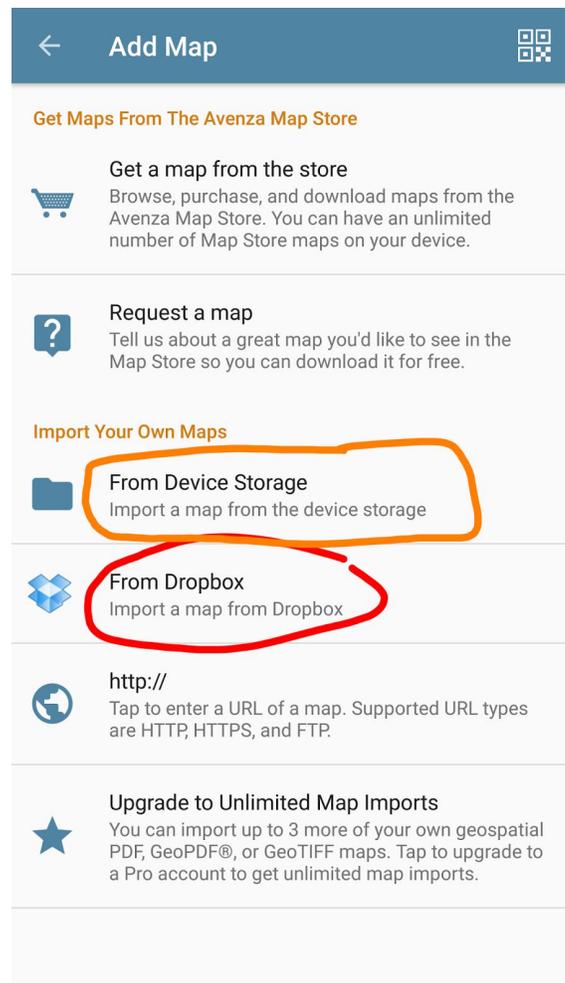
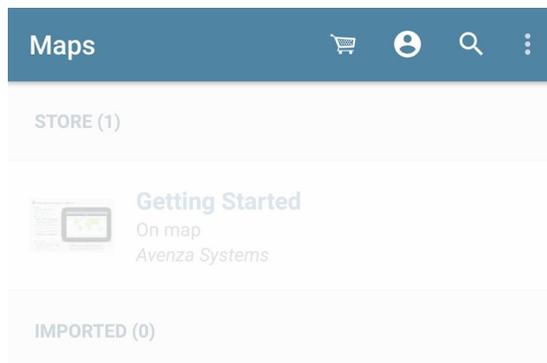
You are now ready to load maps and use Avenza. The steps below outline the basic functionality you will encounter

Load a PDF map into Avenza

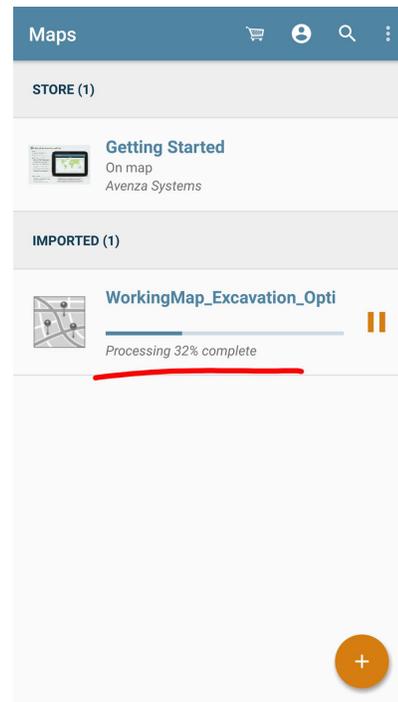
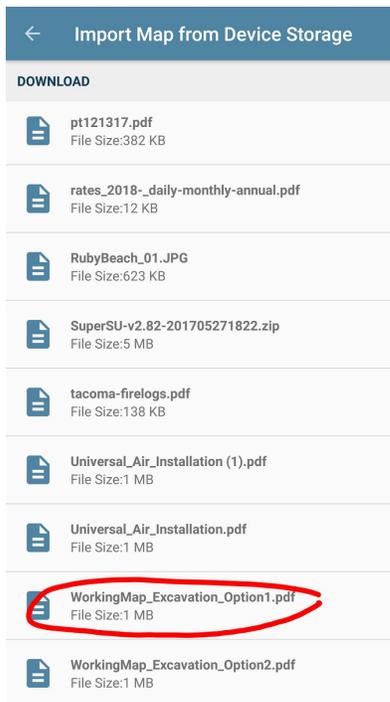
Avenza Maps will work with **either GeoPDF or GeoTIFF** formatted files. **Exporting maps from ArcMap, Google Earth**, and many other GIS platforms to a PDF or TIFF format will automatically create these “Geo...” type files. We must first transfer these files to our device before Avenza can load them up and display your location. **Dropbox** is by far the **easiest way to move your map files** from your computer to your mobile device (more on this below in [Advanced Features](#)), but you can also use **email attachments, USB/Bluetooth** file transfer or **iTunes Sync** (iPhone only) to get files onto your device.

This example will use a GeoPDF I created in ArcMap, and synced with Dropbox to my Android Phone:

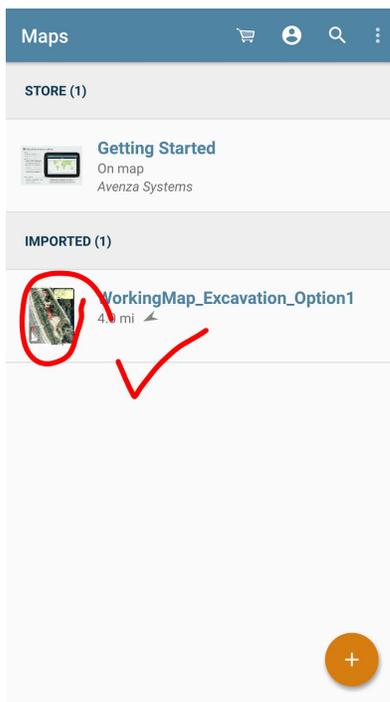
1. Open Avenza and **tap the orange “+” icon** in the lower right corner, then choose **“Download or import a map”**. Under **“Import Your Own Maps”** choose the location where you can retrieve your file (in this example, Dropbox, or “Device Storage” if you have a local file)



2. The first time you open Dropbox from Avenza, you must authorize the app to access your files. Then navigate to your map file within the Dropbox menu and tap to open. Avenza will load the map and create tiles (be patient).



3. **Once loaded** you will see a **thumbnail preview** of the map in the Avenza Map list. You can now **click on the map to open**. **Note** that if you are not within the view of the map, you will NOT see your GPS location on the screen. You must first navigate (physically) to within the coverage of the map.



4. Tap the wrench icon in the upper right hand corner to begin exploring the various tools within Avenza