

ArcGIS Collector: Step-by-step

From introduction to field data collection.

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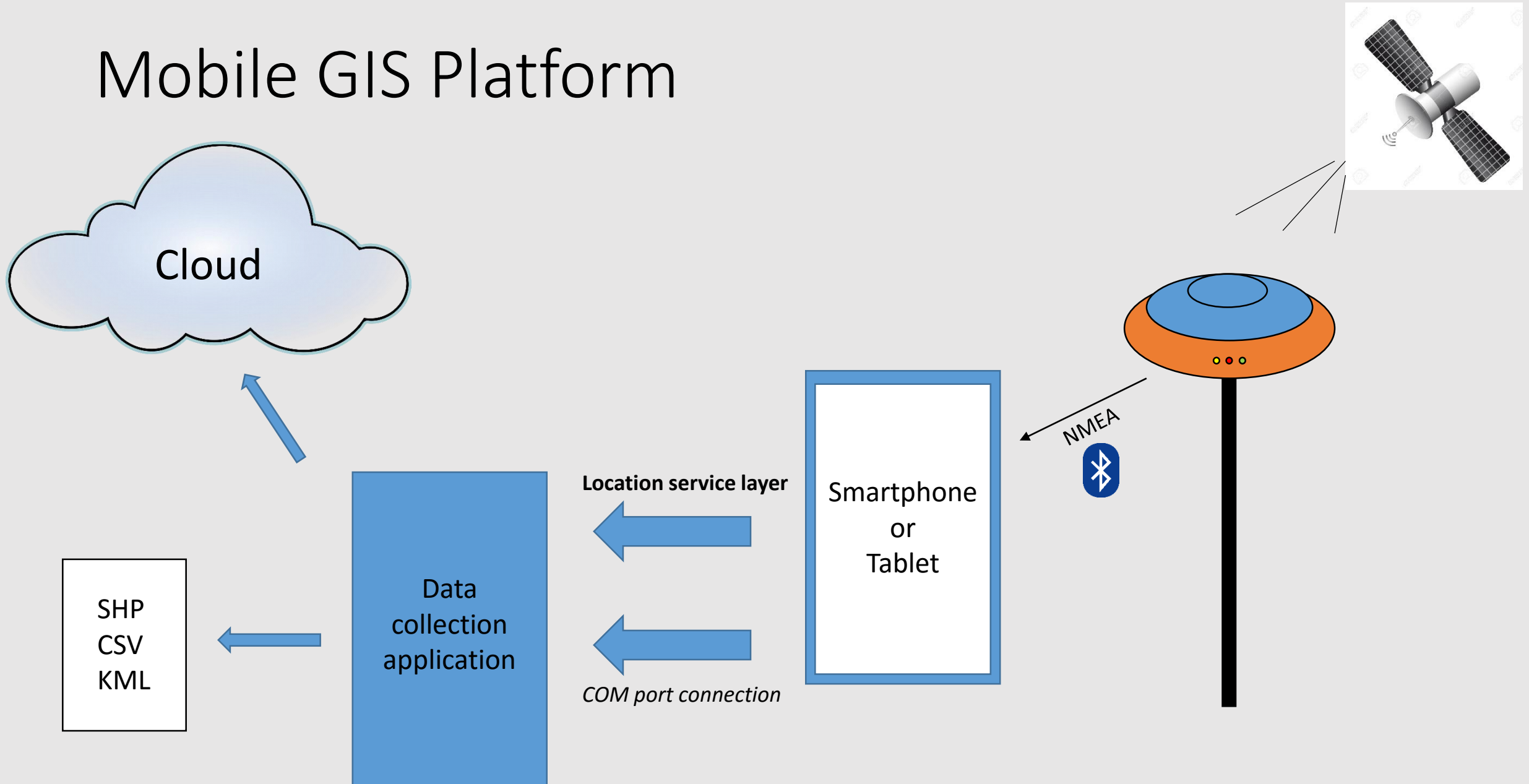
ESRI Collector



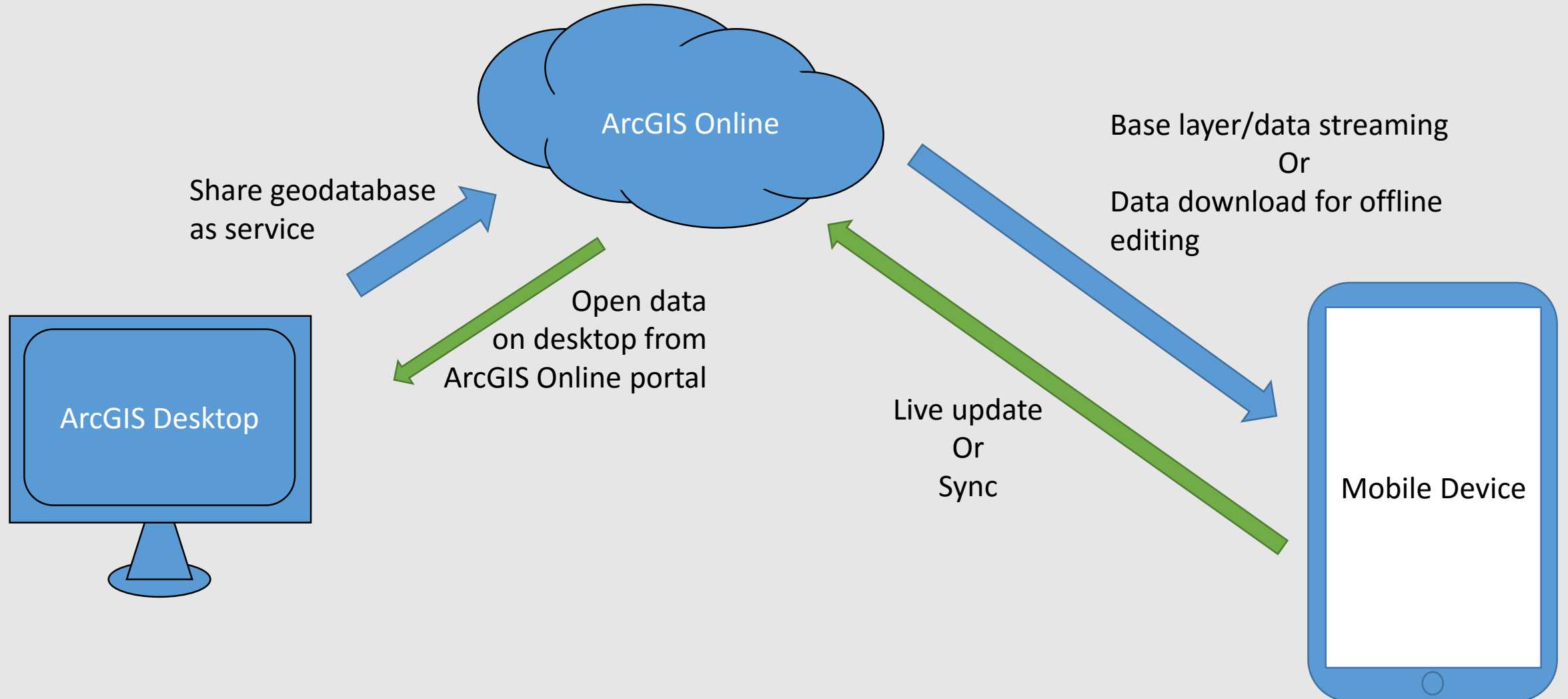
After this presentation you should be able to...

- Sign up for a 60 day trial
- Create and share a map to ArcGIS online from ArcGIS Desktop
 - Or Add data layers from shapefiles, csv files, etc from ArcGIS Online
- Finalize a map to share to mobile device
- Setup Collector for external GPS data collection
 - Android and iOS
- Download a map for offline data collection
- Collect a feature and sync it with ArcGIS Online
- *Create a web app to display live changes to data sets*

Mobile GIS Platform



ESRI Collector - Workflow



Creating a Map to Share to ArcGIS Online

- Add data layers to ArcGIS Desktop
- Sign in to your ArcGIS online account within ArcGIS
- Share map as “Service”
- Go to ArcGIS online and create a new map
- Add “shared” layers to new ArcGIS online map
- Format as you like
- Save and share map with your organization
- Open map in Collector

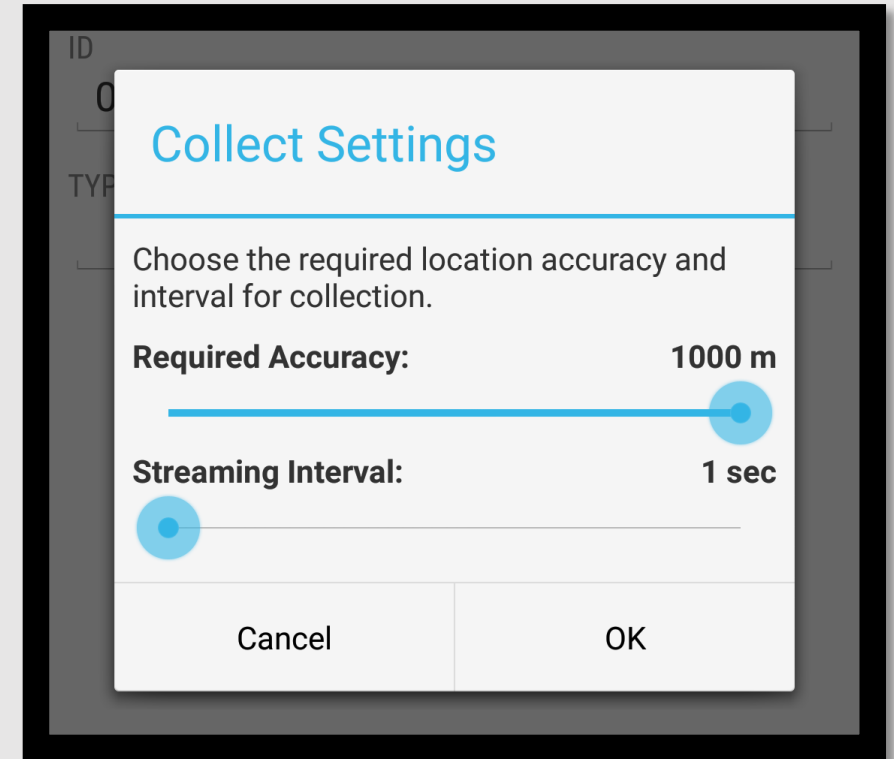
External GPS Device Setup

- Example devices

- Internal GPS
- Trimble R1
- Geneq SXBlue
- EOS Arrow
- Bad Elf
- CHC X900/91

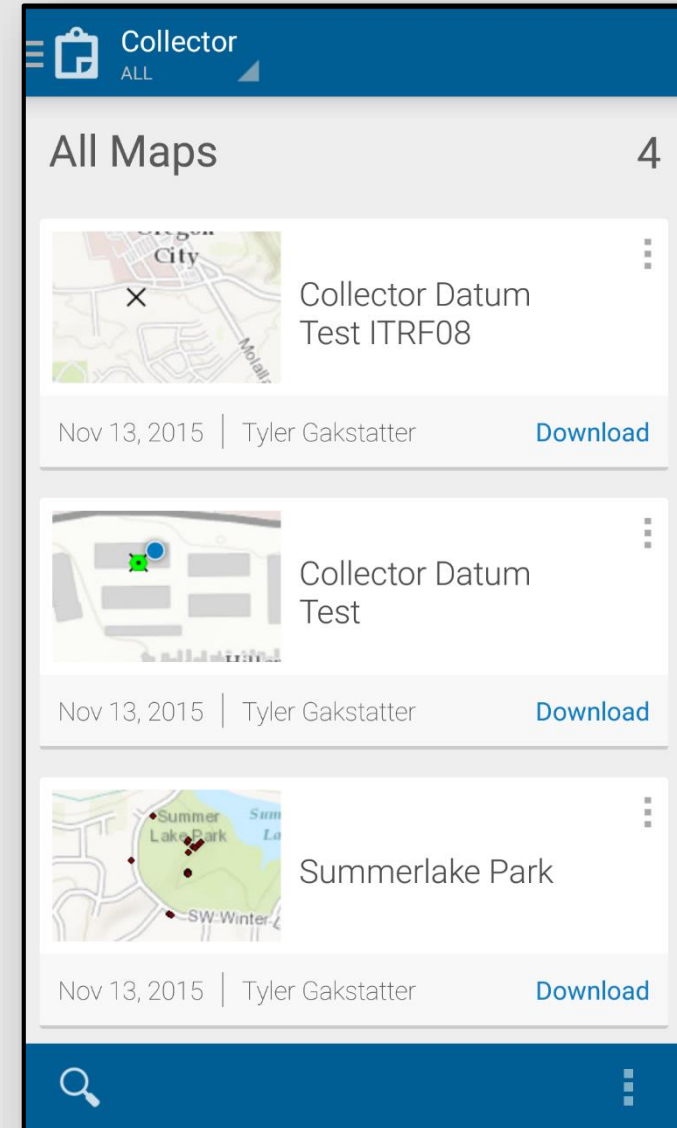
- Set accuracy requirement to the 1000m for iOS

- Android requires third party Bluetooth GPS application



Collecting a new feature in the field

- Connect GPS device
- Open Collector
- Select map
- Click on “+” to collect a feature
- Enter attribute data
- Verify position
- Click “Done”.



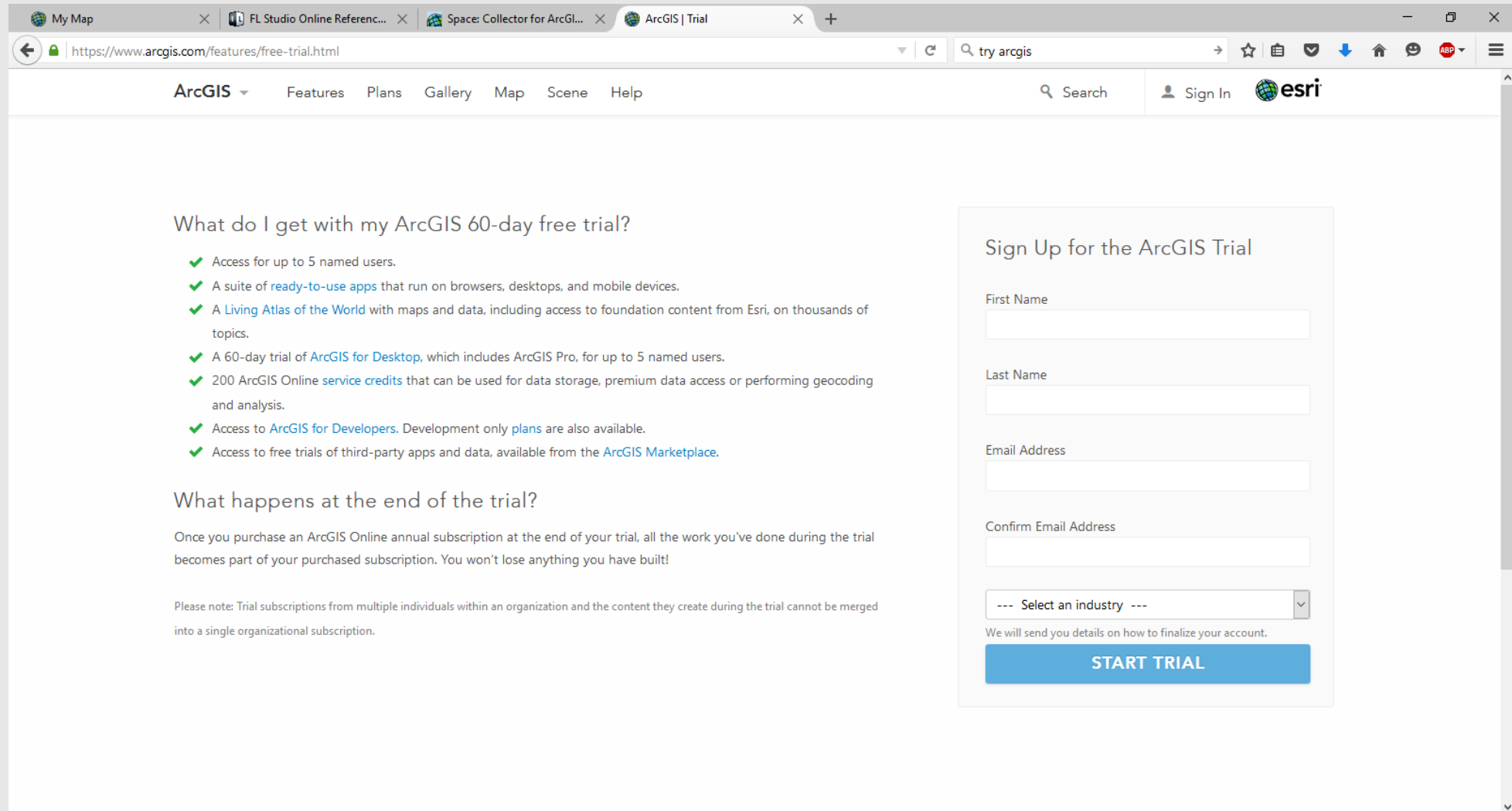
Collector Tips

- If you want drop down menus you need to setup a geodatabase with domains
- When searching for layer in ArcGIS online uncheck “within map area” to see all of your layers
- Add extra fields to shapefile for attribute data collection

Benefits

- Connected to ArcGIS Online. If using a web app the data is shown as soon as the new feature is synced to ArcGIS online.
- Online & Offline Data Collection
- ESRI Basemaps available and easily added to any map
- Collector app is very user friendly.
- Has some basic GIS functionality but can be used by non-GIS Professionals

Try ArcGIS for Free – 60 day trial



The screenshot shows a web browser window with the URL <https://www.arcgis.com/features/free-trial.html>. The page features a navigation bar with 'ArcGIS' and links for 'Features', 'Plans', 'Gallery', 'Map', 'Scene', and 'Help'. A search bar and 'Sign In' button are also present. The main content area is divided into two columns. The left column contains a section titled 'What do I get with my ArcGIS 60-day free trial?' followed by a list of benefits. The right column contains a 'Sign Up for the ArcGIS Trial' form with fields for 'First Name', 'Last Name', 'Email Address', and 'Confirm Email Address', along with an industry selection dropdown and a 'START TRIAL' button.

My Map × FL Studio Online Referenc... × Space: Collector for ArcGI... × ArcGIS | Trial × +

https://www.arcgis.com/features/free-trial.html

try arcgis

ArcGIS Features Plans Gallery Map Scene Help

Search Sign In esri

What do I get with my ArcGIS 60-day free trial?

- ✓ Access for up to 5 named users.
- ✓ A suite of [ready-to-use apps](#) that run on browsers, desktops, and mobile devices.
- ✓ A [Living Atlas of the World](#) with maps and data, including access to foundation content from Esri, on thousands of topics.
- ✓ A 60-day trial of [ArcGIS for Desktop](#), which includes ArcGIS Pro, for up to 5 named users.
- ✓ 200 ArcGIS Online [service credits](#) that can be used for data storage, premium data access or performing geocoding and analysis.
- ✓ Access to [ArcGIS for Developers](#). Development only [plans](#) are also available.
- ✓ Access to free trials of third-party apps and data, available from the [ArcGIS Marketplace](#).

What happens at the end of the trial?

Once you purchase an ArcGIS Online annual subscription at the end of your trial, all the work you've done during the trial becomes part of your purchased subscription. You won't lose anything you have built!

Please note: Trial subscriptions from multiple individuals within an organization and the content they create during the trial cannot be merged into a single organizational subscription.

Sign Up for the ArcGIS Trial

First Name

Last Name

Email Address

Confirm Email Address

--- Select an industry ---

We will send you details on how to finalize your account.

START TRIAL

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