



# Survey123 Update

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# Survey123 for ArcGIS

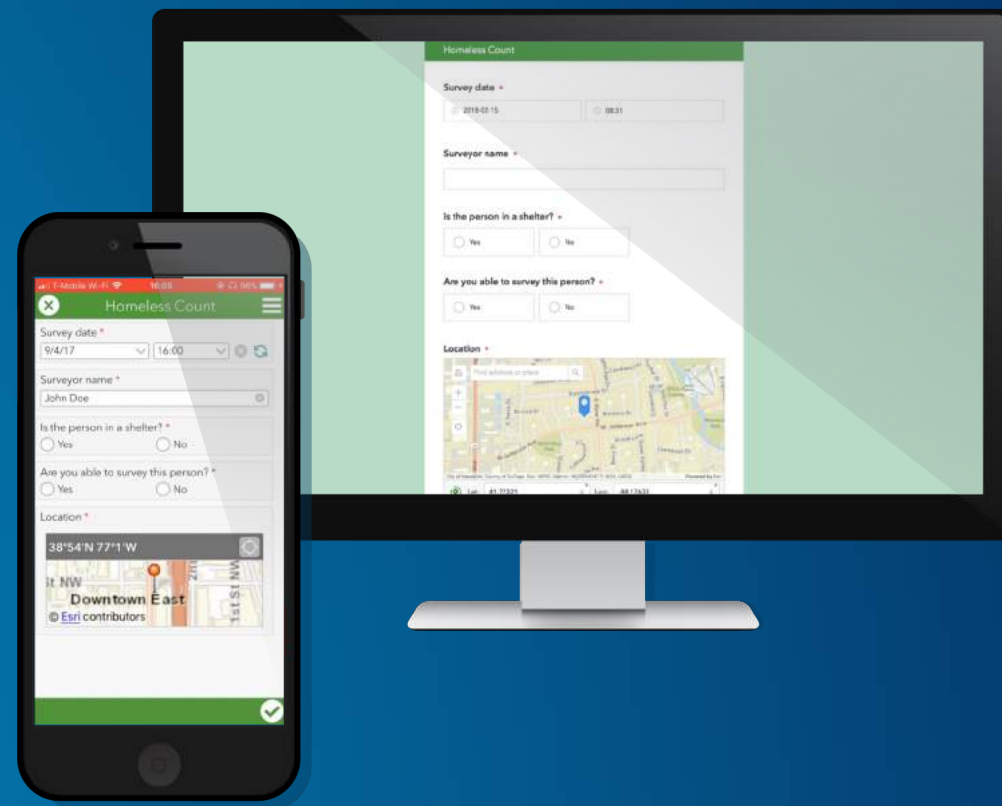
Mobile App with Form Centric Data Collection



Create smart forms

Collect anytime, anywhere

Analyze & share results





1- Ask Questions  
(Design & Publish)

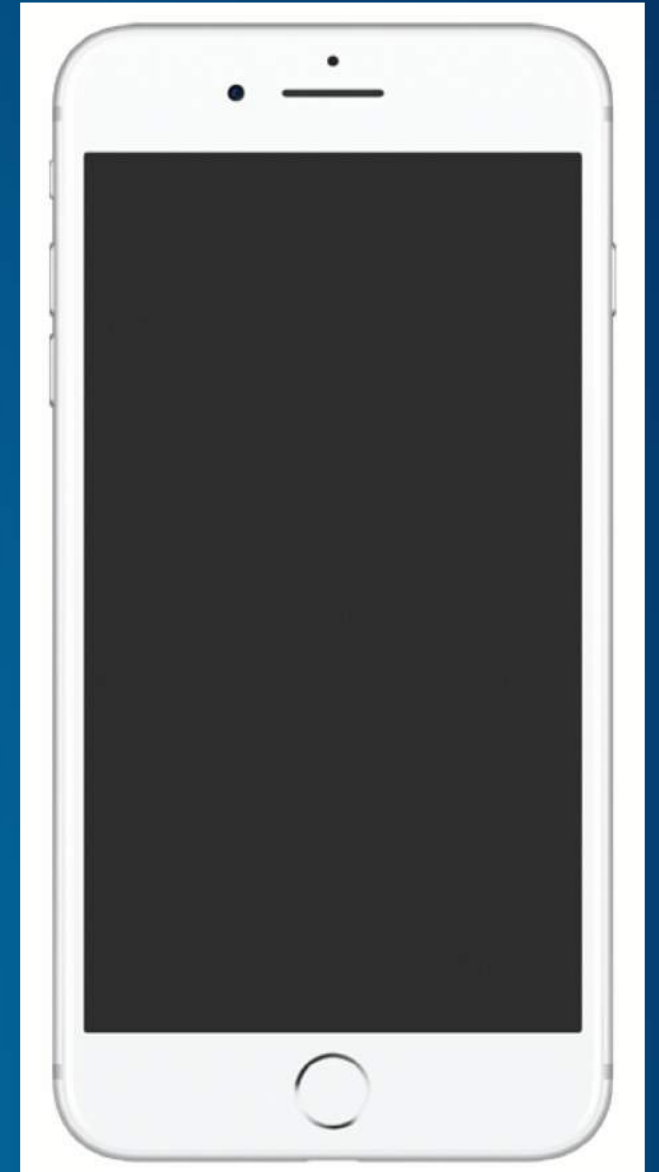
2- Get Answers  
(Capture Data)

3- Make Decisions  
(View & Analyze)

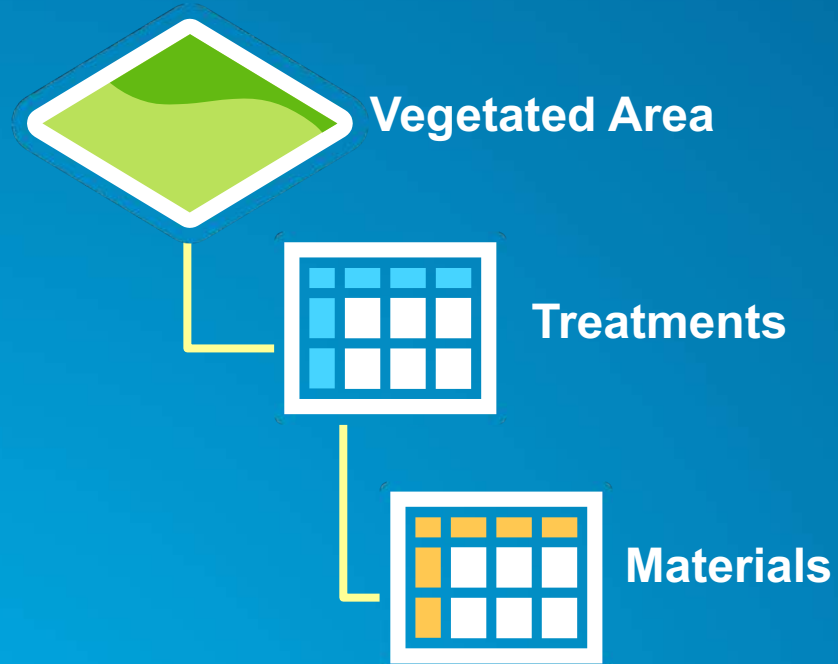
# Improvements

# Spike integration

- Capture dimensions (areas and length) from a photo
- Integrate laser measurements into your survey



# Nested Repeats



- Extends form capabilities
- Enhances Asset/Inspection workflows
  - Asset → Inspection → Sub-components

# Data Filtering

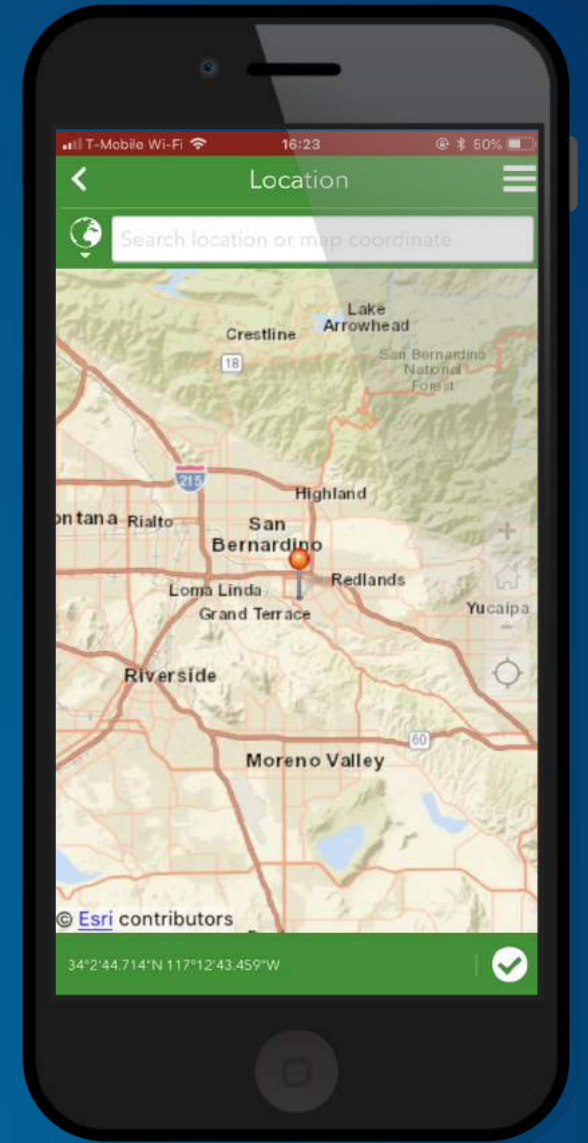
- Easily drill down to the records that matter
- Combine expressions
- Filter with repeat sections
- Export results or generate reports based on filter

The screenshot displays the Survey123 for ArcGIS interface. At the top, it shows the survey title 'Survey123 for ArcGIS', navigation options like 'My Surveys' and 'Help', and the user profile 'NinjaGreen (Lloyd)'. Below this is a green navigation bar with tabs for 'Overview', 'Design', 'Collaborate', 'Analyze', 'Data' (selected), and 'Settings'. The main area is divided into a map and a data table. The map shows a geographic area with numerous water station markers in green, red, and yellow. The data table below the map is titled 'Water\_Stations (Features: 189, Selected: 0)' and contains the following data:

Waterbody Name	Waterbody Type	County	Access Type	Water Station Advisory	Water Station Advisory Description	Water Station Advisory Start Date	Water Station Advisory End Date	Station ID Number
Lake Louise	Lake	Garrett	Public Access	Yes	Algal Bloom	Jul 12, 2018	Jul 14, 2018	5,641
Blairs Valley Lake	Lake	Washington	Public Access	Yes	Algal bloom	Jul 11, 2018	Jul 14, 2018	
Irving Millpond	Mill Pond	Dorchester	Public Access	No				5,914
Big Millpond	Mill Pond	Dorchester	Public Access	No				2,033
Higgins Millpond	Mill Pond	Dorchester	Public Access	No				3,301
Mud Millpond	Mill Pond	Caroline	Public Access	No				2,930
Little Mill Pond	Mill Pond	Kent	Public Access	No				4,140
Mill Pond	Mill Pond	Cecil	Public Access	No				5,356
Mill Pond	Mill Pond	Kent	Public Access	No				5,541
Saint Pauls Millpond	Mill Pond	Kent	Public Access	No				1,663

# Geocoding & Coordinate Lookup

- Works with organization's geocoder(s)
  - ArcGIS Online World Geocoder
  - Your geocode services added as items and configured in organization settings
- Transform coordinates
  - USNG, MGRS
  - UTM
  - Various degree formats

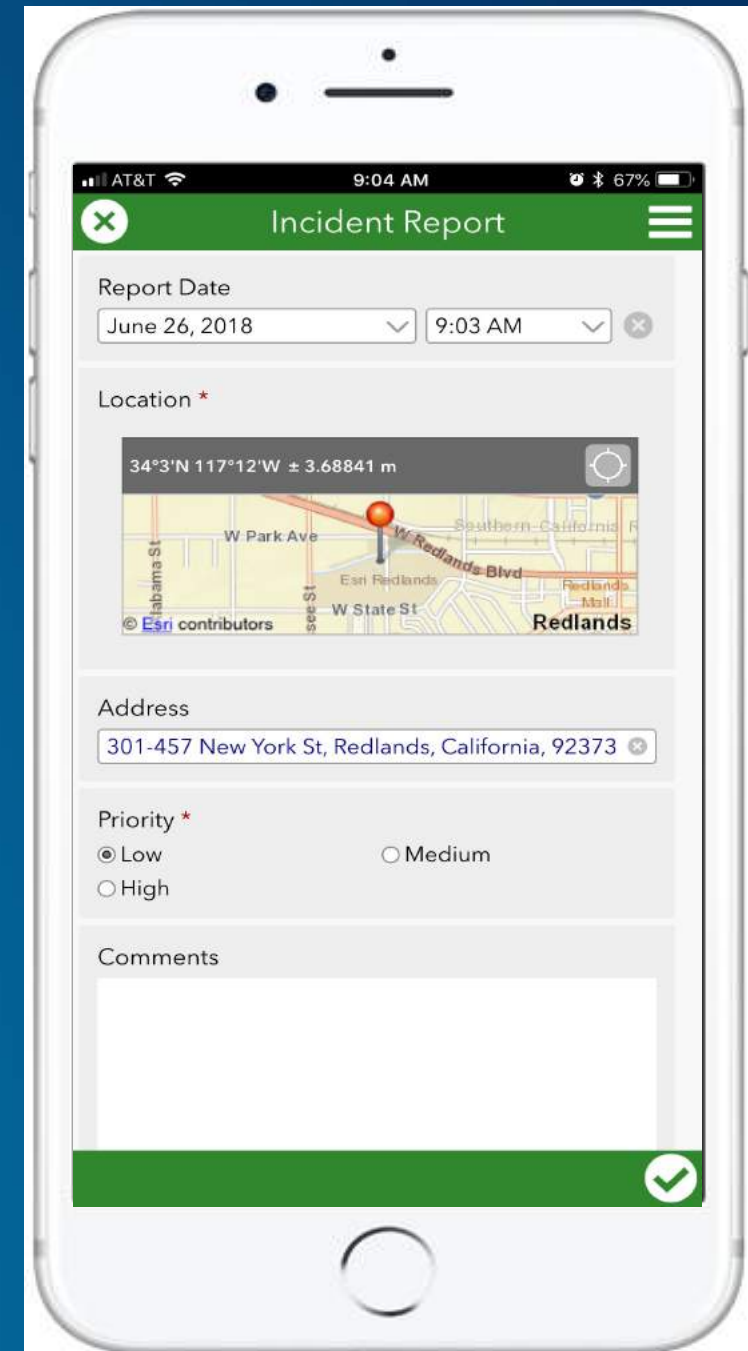




# Reverse geocoding with pulldata @geopoint

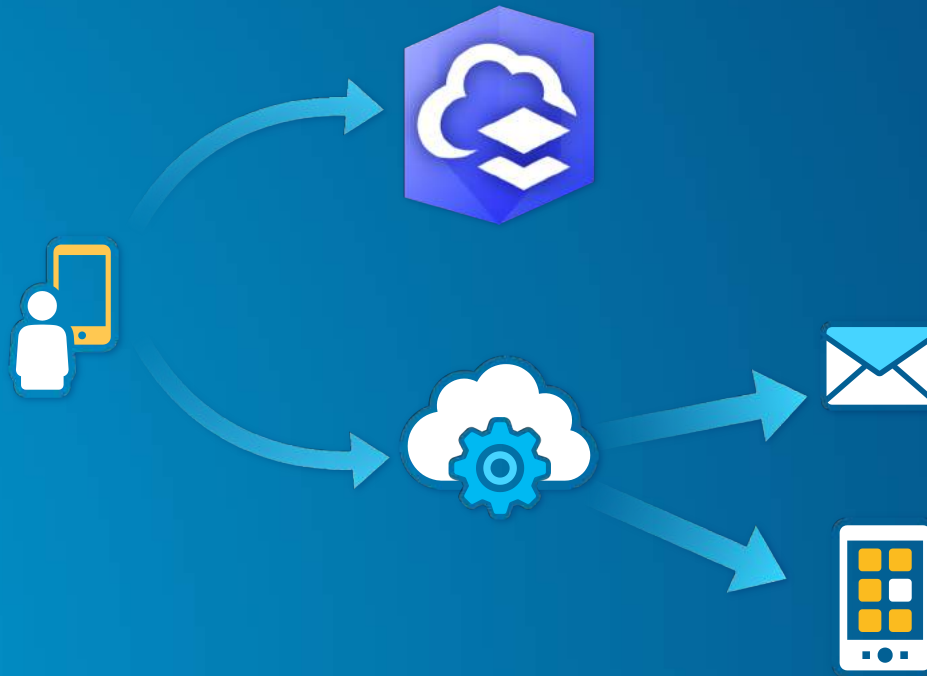
(new at 3.0)

- Get the closest address or placename to a geopoint.
- Typically used in the XLSForm *calculation* column to automatically get the address of a location
- Works only while online, against:
  - ArcGIS World Geocoding service (consumes ArcGIS Online credits)
  - Your own locator service



# Enterprise Workflow Integration

- Use a 3rd party provider to integrate with other services (webhooks)
  - Conditional execution, multiple paths supported
  - Example providers: Zapier, Microsoft Flow, Integromat, Tray.io



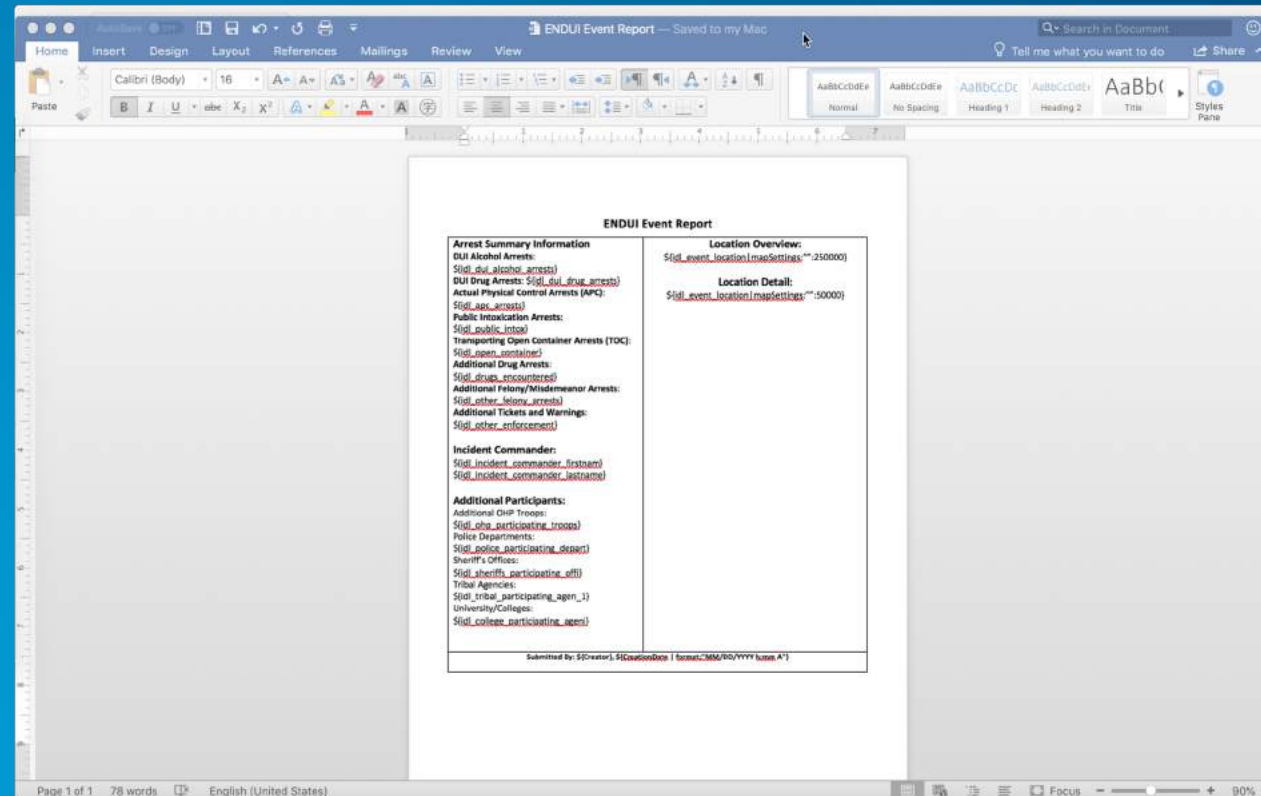
# Webhooks - Common Use Cases

- **Instant Notifications (SMS, e-mail, Push Notifications):**
  - Send an e-mail to a supervisor when a new well pad inspection is performed
  - SMS an emergency team coordinator when a High Priority Incident is submitted
- **Instant Data Transfer (Box, Office 365, Google Drive, Box, Salesforce Pardot)**
  - Associate customer satisfaction survey data with prospects in Salesforce Pardot
  - Automatically log in an Office 365 Excel worksheet all data sent through a survey
- **Other:**
  - Create a calendar event when a new Inspection is scheduled from Survey123
  - Register a new PayPal payment when a new City Code violation is reported
  - Invoke my own web service when a new survey is submitted

# What's Coming

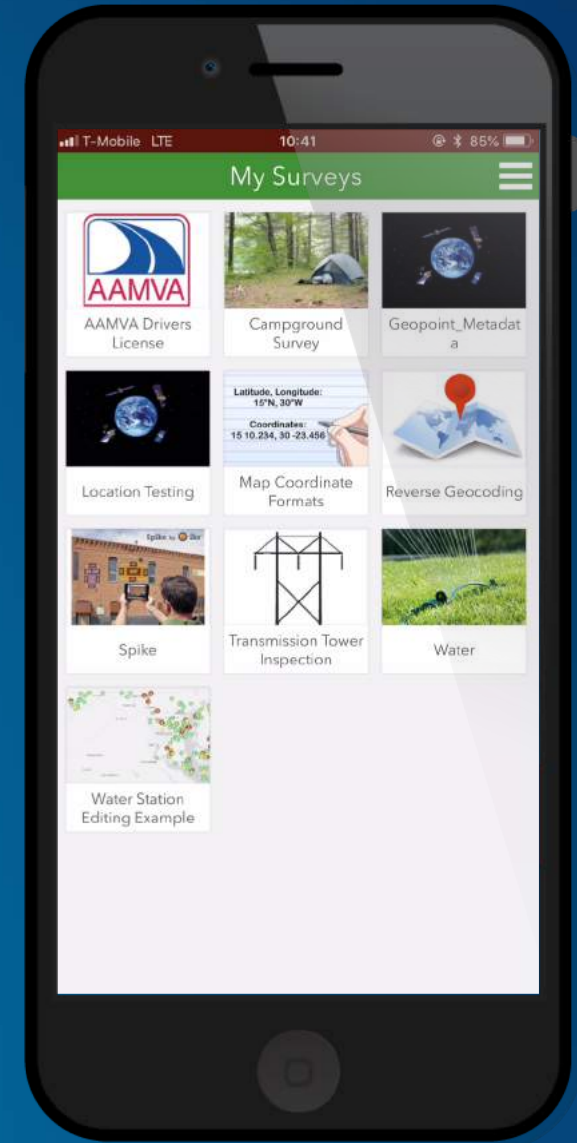
# Better Reports

- Reporting on the web
- Flexible templating system using MS Word



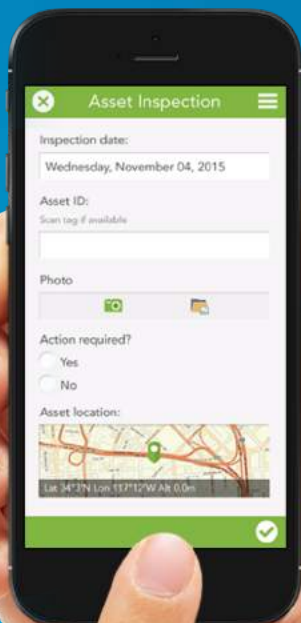
# Direct Connection to GNSS Receivers

- Available for testing in Early Adopter Community
- Data extraction via pulldata() function





# What's coming next



## Improvements

- Complex Web Forms
- Editing Related Records
- Auto-save forms
- Sketching
- Post-submission actions
- Geosearch/MGRS input

## Near-term

- Built-in Reports
- Mobile Map Package Support
- Integration with sensors (GNSS)
- More Smart Form features

## Mid-term

- Advanced Form Layouts
- Enhanced Survey Templates
- Form update notification
- Polygonal/Linear feature collection

*\*Subject to change*

# Survey123 Beta Program

<https://bit.ly/S123beta>

**Survey123 for ArcGIS** SUMMARY

Overview Resources

### Introduction

Thanks for joining the Survey123 for ArcGIS Beta Program! We seek your advice and feedback.

Survey123 releases are typically 4-8 weeks apart. That means we have short and intense periods of testing and build iterations. During these periods we aim to share new builds with you at least once a week.

Click here for the latest [Announcements](#) of what's happening in Survey123.

To explore new features, click on [Tasks](#) in the menu on the left of this page. Here we have created a collection of guided tasks to get you going.

We also ask that you thoroughly test your own surveys with the latest version and exercise the new functionality with them. Please contribute your feedback through the [Forum](#).

*Warning: Through this beta program you are being granted access to an early cut of Survey123. Please be aware that beta software is provided to you for testing purposes only. This software is not intended to be used in production systems. Also be aware that you will need dedicated hardware to test Survey123 for ArcGIS beta as it cannot run on the same machine as previous versions.*

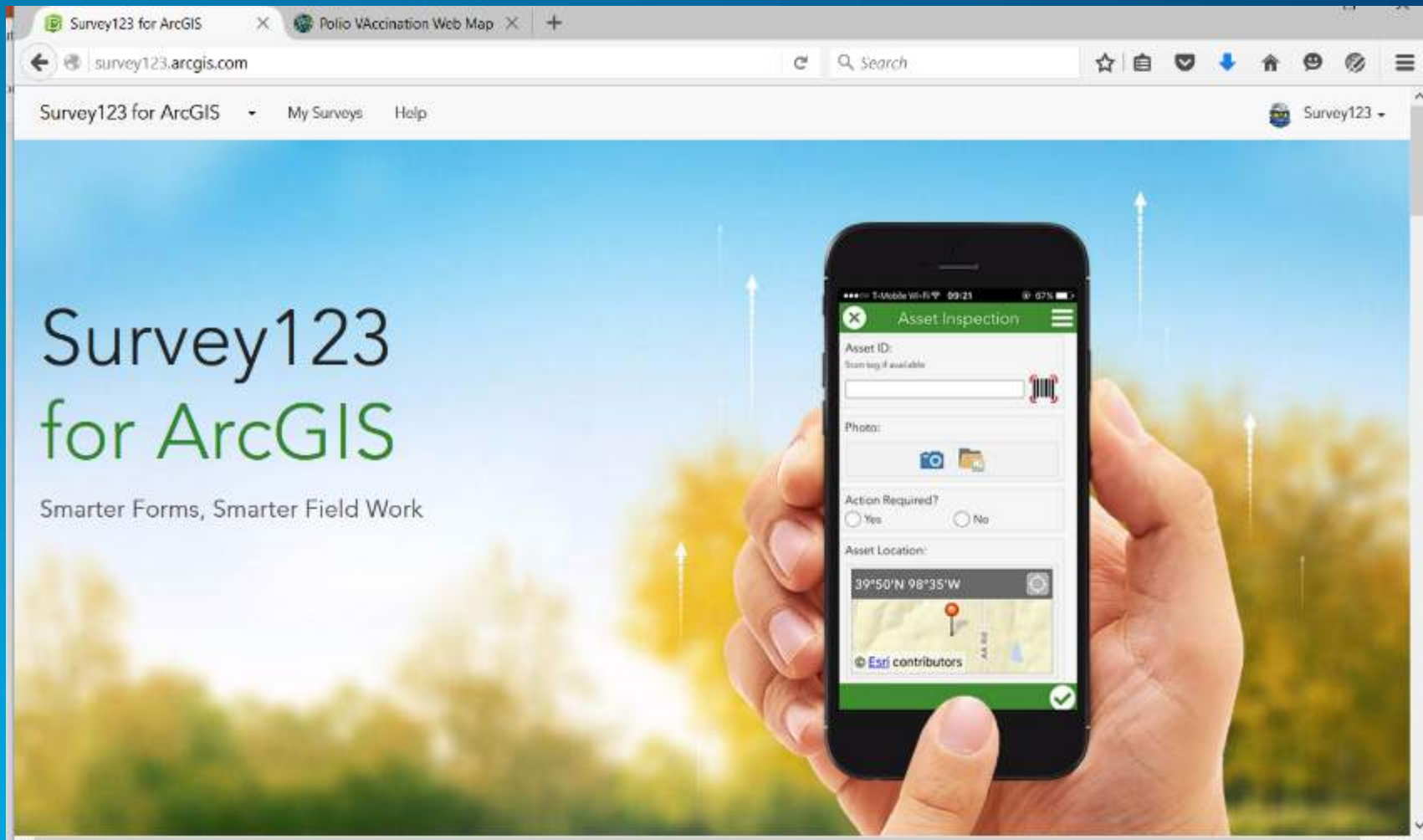
Project Dashboard 24H 7D 30D ALL

7.3K	997	119	762	708
Logins	Users	Surveys	Tasks	Posts

- “Continuous beta” - open indefinitely to facilitate testing
- Direct download Android, Windows, Mac iOS via TestFlight app (register for access)
- Updated every ~1-2 weeks during development
- Holistic testing for each release
- Guides for new features



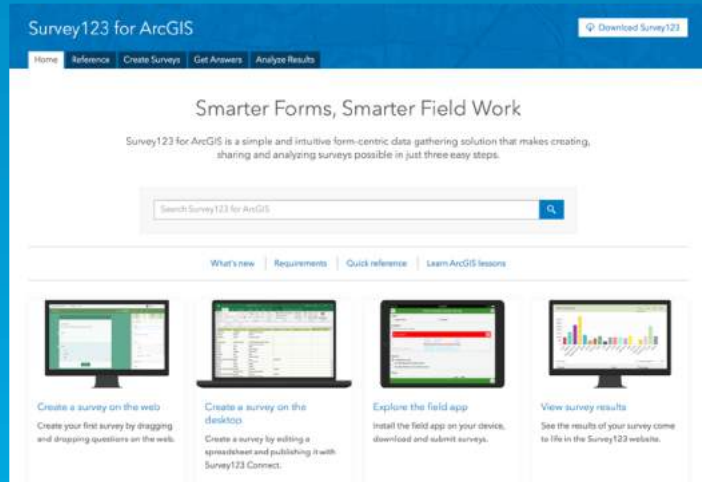
survey123.arcgis.com



<https://survey123.arcgis.com>

# Survey123 Documentation

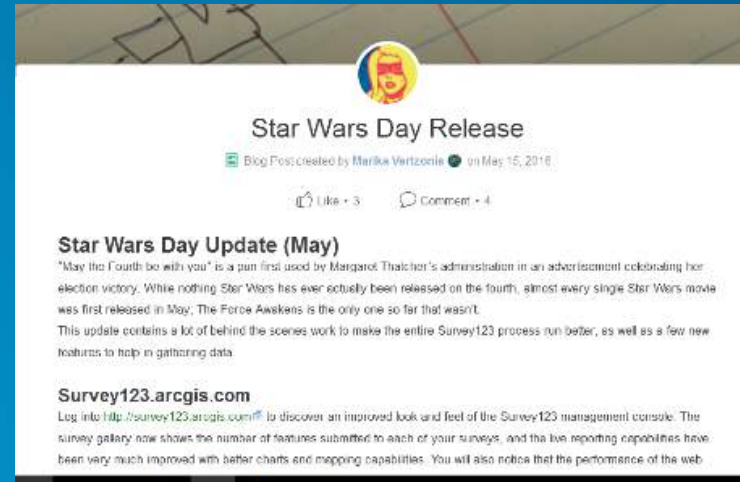
## Help Documentation



The screenshot shows the Survey123 for ArcGIS help documentation website. The header includes navigation links: Home, Reference, Create Surveys, Get Answers, and Analyze Results. A search bar is present with the text "Search Survey123 for ArcGIS". The main heading is "Smarter Forms, Smarter Field Work". Below this, a paragraph states: "Survey123 for ArcGIS is a simple and intuitive form-centric data gathering solution that makes creating, sharing and analyzing surveys possible in just three easy steps." A search bar is also visible. Below the search bar, there are four columns of content, each with an image and a title:

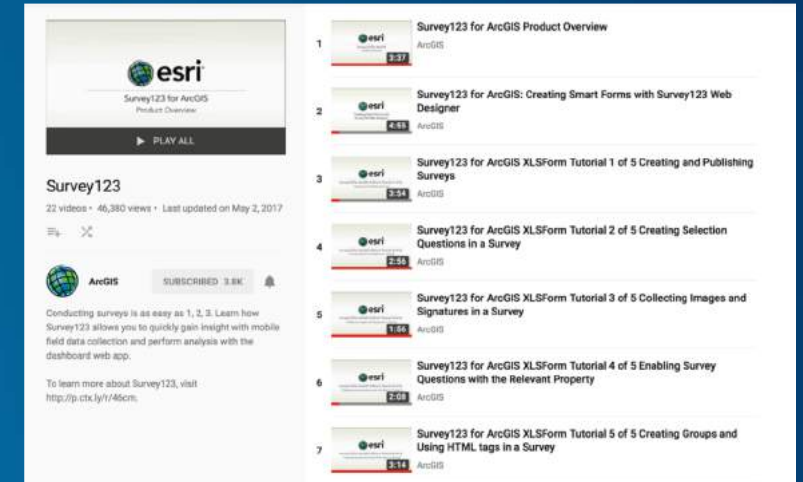
- Create a survey on the web:** Create your first survey by dragging and dropping questions on the web.
- Create a survey on the desktop:** Create a survey by editing a spreadsheet and publishing it with Survey123 Connect.
- Explore the field app:** Install the field app on your device, download and submit surveys.
- View survey results:** See the results of your survey come to life in the Survey123 website.

## Blog @ GeoNet



The screenshot shows a blog post titled "Star Wars Day Release" on the GeoNet website. The post is created by Marika Vrtzonie on May 15, 2016. It has 3 likes and 4 comments. The main heading is "Star Wars Day Update (May)". The text of the post reads: "May the Fourth be with you" is a pun first used by Margaret Thatcher's administration in an advertisement celebrating her election victory. While nothing Star Wars has ever actually been released on the fourth, almost every single Star Wars movie was first released in May; The Force Awakens is the only one so far that wasn't. This update contains a lot of behind the scenes work to make the entire Survey123 process run better, as well as a few new features to help in gathering data. The post concludes with the URL [Survey123.arcgis.com](http://survey123.arcgis.com) and a paragraph: "Log into <http://survey123.arcgis.com> to discover an improved look and feel of the Survey123 management console. The survey gallery now shows the number of features submitted to each of your surveys, and the live reporting capabilities have been very much improved with better charts and mapping capabilities. You will also notice that the performance of the web

## Tutorial Videos @ YouTube



The screenshot shows a YouTube channel page for Survey123 for ArcGIS. The channel name is "Survey123 for ArcGIS" and it has 22 videos and 46,380 views. The channel was last updated on May 2, 2017. The channel description reads: "Conducting surveys is as easy as 1, 2, 3. Learn how Survey123 allows you to quickly gain insight with mobile field data collection and perform analysis with the dashboard web app. To learn more about Survey123, visit <http://p.cdx.ly/1460c>." The channel has 3.5K subscribers. A list of videos is shown on the right side of the page:

- Survey123 for ArcGIS Product Overview (2:37)
- Survey123 for ArcGIS: Creating Smart Forms with Survey123 Web Designer (4:53)
- Survey123 for ArcGIS XLSForm Tutorial 1 of 5 Creating and Publishing Surveys (2:54)
- Survey123 for ArcGIS XLSForm Tutorial 2 of 5 Creating Selection Questions in a Survey (2:53)
- Survey123 for ArcGIS XLSForm Tutorial 3 of 5 Collecting Images and Signatures in a Survey (1:56)
- Survey123 for ArcGIS XLSForm Tutorial 4 of 5 Enabling Survey Questions with the Relevant Property (2:03)
- Survey123 for ArcGIS XLSForm Tutorial 5 of 5 Creating Groups and Using HTML tags in a Survey (2:14)



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