



# Advanced Field Data Collection

ArcGIS Collector &  
Survey123

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- I. Collector
  - A. Technology
  - B. GPS Configuration
  - C. Feature Class Creation
  - D. Data Collection
- II. Survey123
  - A. Web Form Builder
  - B. Survey123 Connect
  - C. Syncing feature service data with Survey123 form
  - D. Upcoming Features

# Technology

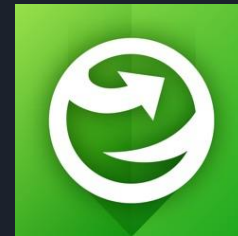
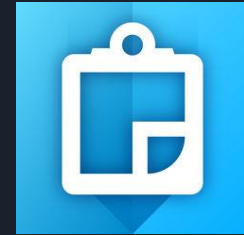
- EOS Arrow 200
  - 1-3 cm Accuracy with RTK
  
- Apple iPad Pro
  - Lifeproof Case





## iOS Field Apps

- Esri
  - Collector
  - Collector Classic
  - Explorer
  - Survey123



- EOS Tools Pro



# RTK Base Stations

**Home**

- + MSRN Contact Information
- + MSRN Mount Point Information
- + MSRN RTCM Reference Numbers
- + Site overview
- + Register
- + Forgotten Password
- + Spider Business Center
- + MDOT GIS
- + Account change and edit
- + Create a NEW accounts

---

**Login**

User Name\*:

Password\*:

Remember me

\*Required field

**Site overview**

Jump to site:

**Map** **Satellite**

**Satellite System:**  
GPS and GLONASS

## NEW MDOT CORS/MSRN Port List - New IP address: 136.181.134.24 - Effective 4/1/2015

All Ports below are available with GPS only message and are designed for legacy systems with limited authentication. Users will need to email or call MDOT after your account creation of the user to the legacy city

System	Port #	Product	Mountpoint	Message type	Site	Port #	Product	Mountpoint	Message type	Site
GPS + Glonass	10033	ADRIAN	LEGACY-ADRIAN	RTCM 2.3	ADRI	10070	HOLLAND	LEGACY-HOLLAND	RTCM 2.3	MHHD
	10034	ALPENA	LEGACY-ALPENA	RTCM 2.3	NOR3	10071	HOUGHTON	LEGACY-HOUGHTON	RTCM 2.3	KRTU
GPS + Glonass	10035	ANN ARBOR	LEGACY-ANNARBOR	RTCM 2.3	UOFM	10072	HOUGHTON LAKE	LEGACY-HOUGHTONLAKE	RTCM 2.3	MHL
	10036	AUBURN HILLS	LEGACY-AUBURNHILLS	RTCM 2.3	MIET	10073	HUFSON	LEGACY-HUFSON	RTCM 2.3	MMS
GPS Only	10037	AVOCA	LEGACY-AVOCA	RTCM 2.3	AVCA	10074	HUDSONVILLE	LEGACY-HUDSONVILLE	RTCM 2.3	MHV
GPS Only	10038	BAD AVE	LEGACY-BADAVE	RTCM 2.3	MIBA	10075	INDIAN RIVER	LEGACY-INDIANRIVER	RTCM 2.3	MND
GPS + Glonass	10039	BARAGA	LEGACY-BARAGA	RTCM 2.3	MIBX	10076	IONIA	LEGACY-IONIA	RTCM 2.3	MION
GPS + Glonass	10040	BATTLE CREEK	LEGACY-BATTLECREEK	RTCM 2.3	MIBC	10077	IRON RIVER	LEGACY-IRONRIVER	RTCM 2.3	MIR
GPS Only	10041	BAY CITY	LEGACY-BAYCITY	RTCM 2.3	MIBY	10078	IRONWOOD	LEGACY-IRONWOOD	RTCM 2.3	MRIW
	10042	BENTON HARBOR	LEGACY-BENTONHARBOR	RTCM 2.3	MIBH	10079	ITHACA	LEGACY-ITHACA	RTCM 2.3	MIIT
GPS + Glonass	10043	BIG RAPIDS	LEGACY-BIGRAPIDS	RTCM 2.3	BIGR	10080	JACKSON	LEGACY-JACKSON	RTCM 2.3	UNIV
GPS + Glonass	10044	BIRCH RUN	LEGACY-BIRCHRUN	RTCM 2.3	BRCH	10081	KALAMAZOO	LEGACY-KALAMAZOO	RTCM 2.3	SOVR
GPS Only	10045	BOYNE CITY	LEGACY-BOYNECITY	RTCM 2.3	MIBO	10082	KALKASKA	LEGACY-KALKASKA	RTCM 2.3	MIK
GPS Only	10046	BRIGHTON	LEGACY-BRIGHTON	RTCM 2.3	BRIG	10083	LANSING	LEGACY-LANSING	RTCM 2.3	LANS
GPS + Glonass	10047	CADILLAC	LEGACY-CADILLAC	RTCM 2.3	NOR1	10084	LIVONIA	LEGACY-LIVONIA	RTCM 2.3	MLU
GPS + Glonass	10048	CAPAC	LEGACY-CAPAC	RTCM 2.3	CPAC	10085	MACKINAW CITY	LEGACY-MACKINAWCITY	RTCM 2.3	MIMC
GPS + Glonass	10049	CARSONVILLE	LEGACY-CARSONVILLE	RTCM 2.3	MICA	10086	MANCHESTER	LEGACY-MANCHESTER	RTCM 2.3	MIMR
GPS Only	10050	CASS CITY	LEGACY-CASSCITY	RTCM 2.3	MICC	10087	MANISTEE	LEGACY-MANISTEE	RTCM 2.3	MIMN
GPS Only	10051	CENTERTVILLE	LEGACY-CENTERTVILLE	RTCM 2.3	MICV	10088	MANISTIQUE	LEGACY-MANISTIQUE	RTCM 2.3	MIGE
GPS Only	10052	CHARLEVILLE	LEGACY-CHARLEVILLE	RTCM 2.3	MICK	10089	MARINE CITY	LEGACY-MARINECITY	RTCM 2.3	CESE
GPS + Glonass	10053	CHESANING	LEGACY-CHESANING	RTCM 2.3	CHSN	10090	MARQUETTE	LEGACY-MARQUETTE	RTCM 2.3	MIMQ
	10054	COLDWATER	LEGACY-COLDWATER	RTCM 2.3	MICW	10091	MASON	LEGACY-MASON	RTCM 2.3	MIMA
	10055	COopersVILLE	LEGACY-COOPERSVILLE	RTCM 2.3	MICO	10092	MIO	LEGACY-MIO	RTCM 2.3	MIOC
	10056	DAVISON	LEGACY-DAVISON	RTCM 2.3	MIDS	10093	MONROE	LEGACY-MONROE	RTCM 2.3	MIMO
	10057	DETROIT	LEGACY-DETROIT	RTCM 2.3	MIDD	10094	MT PLEASANT	LEGACY-MTPLEASANT	RTCM 2.3	MIPLE
	10058	DUNDUE	LEGACY-DUNDUE	RTCM 2.3	MIDD	10095	MUNISING	LEGACY-MUNISING	RTCM 2.3	MIMU
	10059	ESKANABA	LEGACY-ESKANABA	RTCM 2.3	SUP1	10096	MUSKEGON	LEGACY-MUSKEGON	RTCM 2.3	MISK
	10060	FORT GRATIOT	LEGACY-FORTGRATIOT	RTCM 2.3	FRGT	10097	MUSKEGON HEIGHTS	LEGACY-MUSKEGONHEIGHTS	RTCM 2.3	MMMK
	10061	GAYLORD	LEGACY-GAYLORD	RTCM 2.3	MIGD	10098	NEW HAVEN	LEGACY-NEWHAVEN	RTCM 2.3	MINH
	10062	GRAND HAVEN	LEGACY-GRANDHAVEN	RTCM 2.3	MIGH	10099	NEWBERRY	LEGACY-NEWBERRY	RTCM 2.3	SUPS
GPS + Glonass	10063	GRAND RAPIDS	LEGACY-GRANDRAPIDS	RTCM 2.3	GRAR	10100	NILES	LEGACY-NILES	RTCM 2.3	MINI
GPS + Glonass	10064	GRANDLING	LEGACY-GRANDLING	RTCM 2.3	MIGL	10101	NORWAY	LEGACY-NORWAY	RTCM 2.3	MINW
GPS + Glonass	10065	HARRISON	LEGACY-HARRISON	RTCM 2.3	MIHA	10102	ONTONAGON	LEGACY-ONTONAGON	RTCM 2.3	MIOI
	10066	HAST	LEGACY-HAST	RTCM 2.3	MIMT	10103	PASADUNA	LEGACY-PASADUNA	RTCM 2.3	MIPU
	10067	HASTINGS	LEGACY-HASTINGS	RTCM 2.3	HAST	10104	PAW PAW	LEGACY-PAWPAW	RTCM 2.3	MIPP
	10068	HEMLOCK	LEGACY-HEMLOCK	RTCM 2.3	MHLK	10105	PLAINWELL	LEGACY-PLAINWELL	RTCM 2.3	MIPW
	10069	HILLSDALE	LEGACY-HILLSDALE	RTCM 2.3	MHDK	10106	SAGINAW	LEGACY-SAGINAW	RTCM 2.3	BATR



# GPS Setup - RTK Base Station

EOS Fix: None NA Tx/Rx

Position Satellites RTK Status Map View

UTC Time: 01:08:56

Latitude: 0.00000000  
Longitude: 0.00000000  
Ortho. Height: 0.000 m  
GEOD103 at user 0.000

H RMS: 0.000      Speed: 0.00  
V RMS: 0.000      Heading: 0.00  
3D RMS: 0.000      Mode: N/A

Sats in View: 30      Diff Status: None  
Sats Used: 0      Diff Age: 0.00  
PDOP: 0.00      Diff Station ID: 0

EOS Fix: None NA Tx/Rx

Map Profile

Caster: 136.181134.24 10063

Username: Password:

LEGACY-GRANDRAPIDS

RTK data currently streaming

Stop

Auto-start streaming:   
Use Static GGA:

Save Profile

EOS Fix: None NA Tx/Rx

Position Satellites RTK Status Map View

Channels SNR Quality

Sats	xx	xx	xx
GPS	SNR	xx	xx
Freq	L1	L2	L5
Sats	xx	xx	xx
GLonass	SNR	xx	xx
Freq	G1	G2	
Sats	xx	xx	xx
Galileo	SNR	xx	xx
Freq	E7e	E5a	E5b
Sats	xx	xx	xx
BeiDou	SNR	xx	xx
Freq	B1	B2	B3
Sats	xx	xx	xx
QZSS	SNR	xx	xx
Freq	Q1	Q2	

Receiving: NONE  
Baseline: 0 km  
Diff Age: 0 sec  
H RMS: 0.000 m  
HDOP: 0.00  
Rover Slip: 0  
Base Slip: 0  
Iono: 0

Diagnostics

Satellite Active

No differential or Age too old for RTK  
Problems with differential messages  
Poor H RMS  
Poor satellite geometry (HDOP)  
Fewer than 6 L1 sats used  
Poor L1 SNRs  
Not in RTK mode  
Not in RTK or RTK solved <10 secs ago  
RTK solution compromised (may fail)

Based on connections being received from Base Station, RTK network, or AISP

EOS Fix: None NA Tx/Rx

Position Satellites RTK Status Map View

Used / In View

Total Sats: 0 / 30  
SBAS Tracked: 0  
SBAS Ranging: 0

SBAS

GPS: 0 / 10  
GLonass: 0 / 9  
Galileo: 0 / 8  
BeiDou: 0 / 3  
QZSS: 0 / 0

EOS Fix: None NA Tx/Rx

Position Satellites RTK Status Map View

Channels SNR Quality

Sats	xx	xx	xx
GPS	SNR	xx	xx
Freq	L1	L2	L5
Sats	xx	xx	xx
GLonass	SNR	xx	xx
Freq	G1	G2	
Sats	xx	xx	xx
Galileo	SNR	xx	xx
Freq	E7e	E5a	E5b
Sats	xx	xx	xx
BeiDou	SNR	xx	xx
Freq	B1	B2	B3
Sats	xx	xx	xx
QZSS	SNR	xx	xx
Freq	Q1	Q2	

Receiving: NONE  
Baseline: 0 km  
Diff Age: 0 sec  
H RMS: 0.000 m  
HDOP: 0.00  
Rover Slip: 0  
Base Slip: 0  
Iono: 0

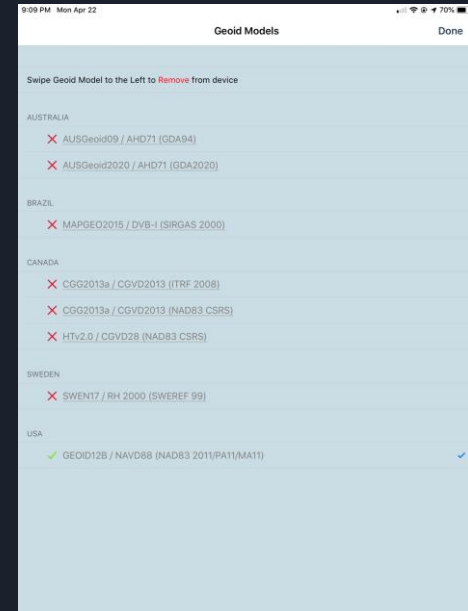
Diagnostics

Satellite Active

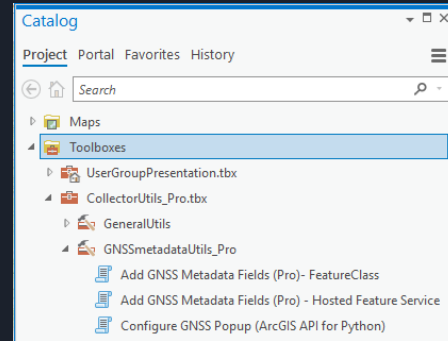
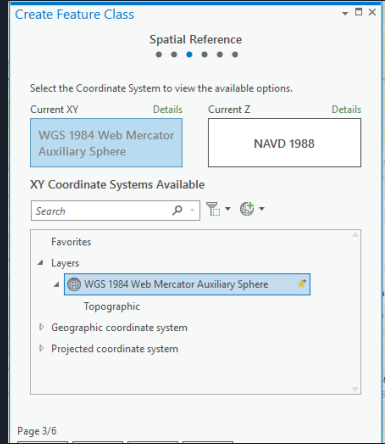
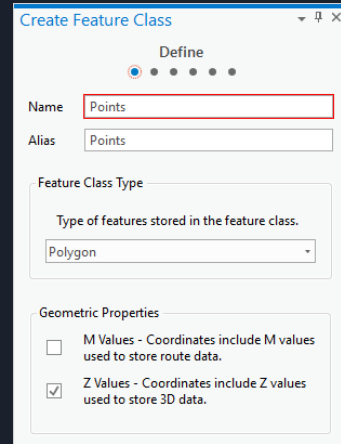
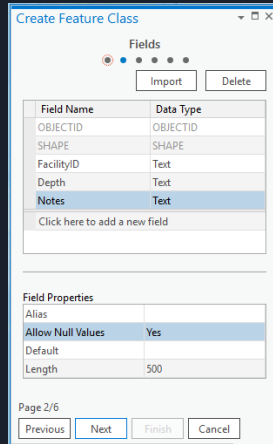
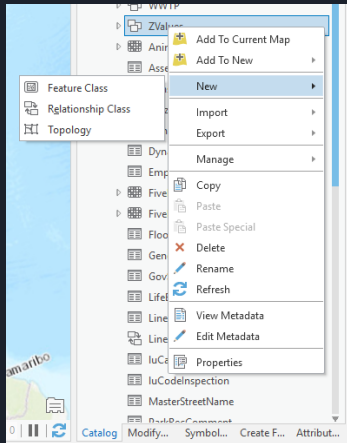
No differential or Age too old for RTK  
Problems with differential messages  
Poor H RMS  
Poor satellite geometry (HDOP)  
Fewer than 6 L1 sats used  
Poor L1 SNRs  
Not in RTK mode  
Not in RTK or RTK solved <10 secs ago  
RTK solution compromised (may fail)

Based on connections being received from Base Station, RTK network, or AISP

## GPS Setup - Elevation



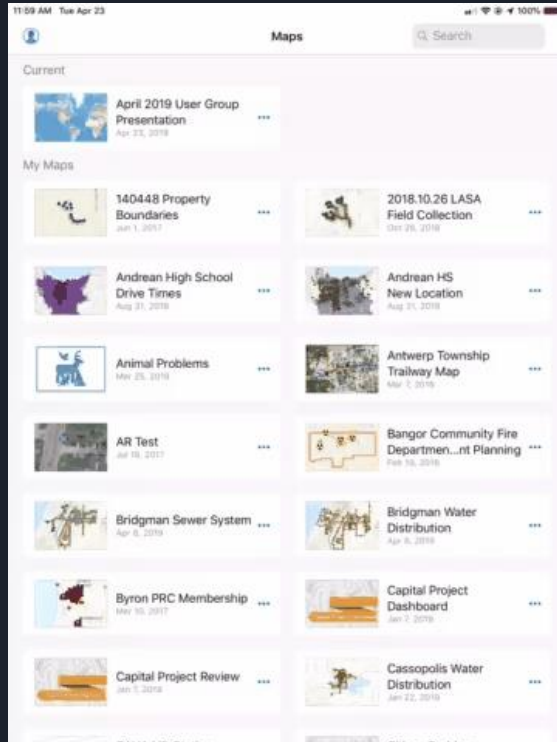
## Z-Value Feature Classes







## ArcGIS Collector Setup

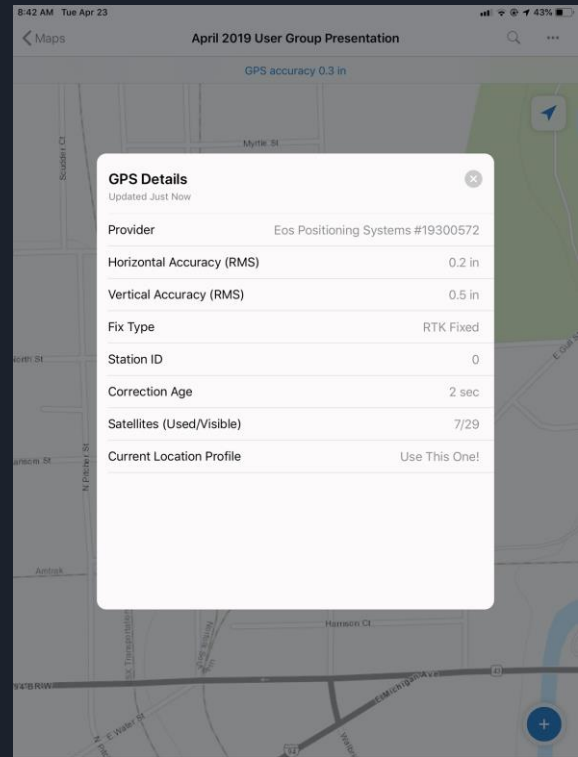
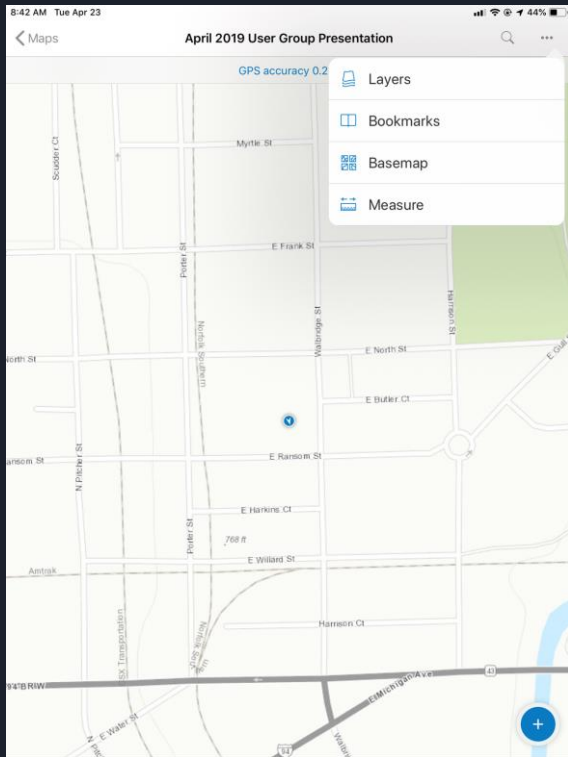
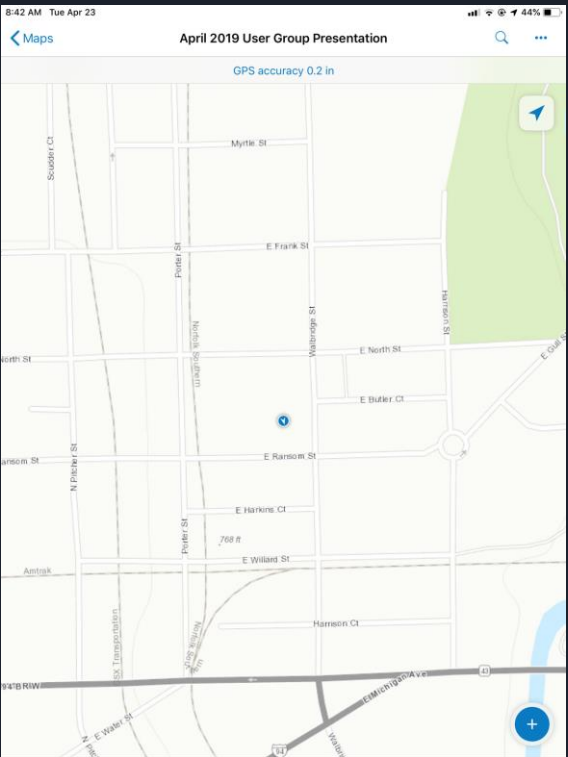


- Sign-in Using ArcGIS Online Account
- Select Profile to Update Settings
- Add Location Provider
  - EOS Arrow
- Update Location Profile
  - GCS WGS 1984
- Optional
  - Change Accuracy Settings
  - Change Averaging Settings

# Field Collection



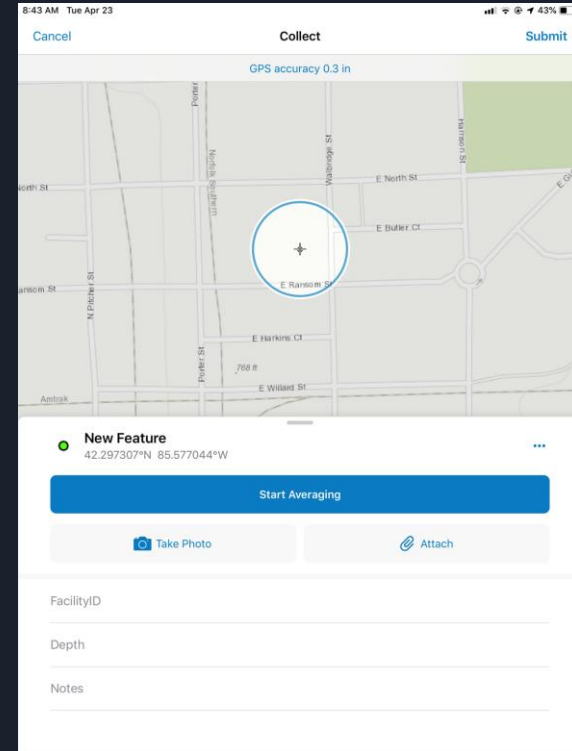
# Map Interface





## Data Collection

- Add Features
  - Averaging
- Select Field to Populate
  - Field Types
- Update Point
  - Offset
- Submit





## Edit Data

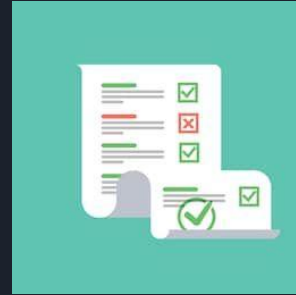


- Select Feature
- Editing Options
  - Edit
  - Copy
  - Delete
  - Directions
- Submit



## An introduction

- Surveys, not surveying
- Quick and Simple
- Complex and Scalable



Crowdsourced Data

Asset Management



# Web Form Builder

<https://survey123.arcgis.com/surveys> → Create New Survey → Modify

The screenshot displays the Survey123 web interface. At the top, the navigation bar includes "Survey123 for ArcGIS", "My Surveys", and "Help". A user profile for "Ryan" is visible in the top right. Below the navigation bar is a green header with "My Surveys" and a "+ Create a New Survey" button. A search bar is also present. The main content area shows a list of surveys under the heading "All surveys".

Survey Name	Record(s)	Thumbnail Description
Form 2	10	Green form icon with checkboxes and a close button.
wightman_dowagiac_form_Test	0	Green form icon with checkboxes and media upload icons.
SWM GIS User Group	0	Blue map icon with location pins and a bus.
Parks	4	Blue map icon with location pins and a bus.



# Web Form Builder

Libation\_Location

Description content for the survey

### Favorite Bar/Brewery in Kalamazoo

-Please Select▼

### Rating

☆
☆
☆
☆
☆

### Where is it located?

Set Location

### Favorite Food/Drink Item

Save
Preview
Publish

+ Add
 ✎ Edit
 🎨 Appearance
 ⚙️ Settings
 

Favorite Bar/Brewery in Kalamazoo

B A ☰ ☰ ☰ ☰ ☰ 🔗
 Bell's + - ☰
 Hopcat + - ☰
 Arcadia + - ☰
 Allow "Other" Other

Description content for the survey

### Favorite Bar/Brewery in Kalamazoo

-Other▼

Louie's Trophy House

★
★
★
★
★

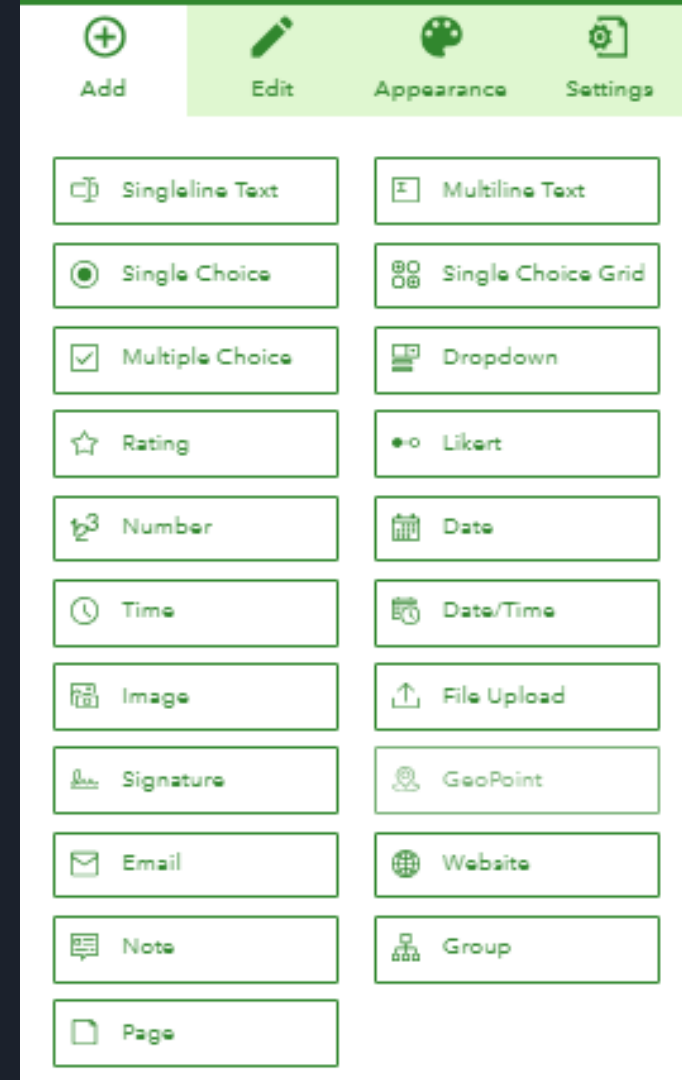
Pulled pork sandwich

Submit



# Web Form Builder

More options available





# Complex Forms: Survey123 Connect

- Desktop application
- Access to advanced functions
  - Calculations
  - Images/Audio Files
  - Pulling Data
  - Populate related tables in AGOL
- Build surveys from feature classes

The screenshot displays the Survey123 Connect for ArcGIS desktop application interface. The window title is "Survey123 Connect for ArcGIS". The interface is divided into several sections:

- Header:** A green header bar contains the text "Survey123 Connect for ArcGIS" on the left, a search bar with a magnifying glass icon and the text "Search" in the center, and two buttons labeled "My Survey Designs" and "Tutorials" on the right.
- Community Activity:** A section titled "Survey123 Community Activity" is located on the left side. It includes icons for "All", "Discussions", "Questions", "Blogs", and "Tweets". Below these icons is a list of links to various community posts, such as "Getting the URL address of an attachment (picture)", "Send a Photo To an Email Address on SEND", and "Why does my Survey123 pulldata calculation yield no results?".
- Main Content Area:** The main area on the right features a large plus sign icon in a circle, labeled "New Survey". To its right are two survey design cards: "LiftStationInspection" and "Form 1", each with a checklist icon and a menu icon.
- Footer:** At the bottom of the window, there is a version number "Version 3.2.196" and a portal URL "Portal: <https://www.arcgis.com>".

## Survey123 Connect

Survey123 Connect for ArcGIS

Survey123 Connect for  
ArcGIS

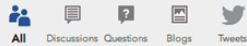
🔍 Search

My Survey Designs

Tutorials

Ryan

## Survey123 Community Activity



▼ [Survey123 Mobile App Truncating Number Fields?](#)

1 hour 36 minutes ago

Hello All,

I have been experiencing an issue when bringing in the coordinates from Collector into Survey123. Within the feature service the data is stored correctly. When I try and display the coordinates within a note or a decimal within survey123 the coordinates are truncated within the mobile app on a mobile device compared to viewing it on the mobile app installed on the computer. Any cause for this or a work around?

I have tried storing it as a string and performing calculations with the number

Thanks!!

Original Thread:

[How to allow the entry of decimals in a Survey123 decimal field](#)

[Faran Zafar](#)

Survey123 for ArcGIS



My Survey

lat



Version 3.2.196

Portal: <https://www.arcgis.com>



# Survey123 Connect: Calculations

Built on Arcade

Simple Addition:

```
{question_1} + {question_2} + {question_3}
```

Calculate Someone's Age:

```
int((today() - {birth_date}) div (1000 * 24 * 60 * 60 * 365.25))
```

Area of a plot (given radius):

```
pi() * pow({plotRadius}, 2)
```



# Survey123 Connect: Calculations

Built on Arcade

5	integer	num1	Enter your first number	
6	integer	num2	Enter your second number	
7	calculate	calc_num_diff		$\${num1} - \${num2}$
8	note	num_diff	Number Difference	$\${calc\_num\_diff}$

Enter your first number



Enter your second number



Number Difference

245



## Survey123 Connect: `pulldata()` function

- Allows you to pull data from a spreadsheet
- Useful for data that stays relatively static
  - e.g. Estimated fish weight

Syntax:

```
pulldata(<csvfile>, <returnColumn>, <lookupColumn>, <lookupValue>)
```



# Survey123 Connect: `pulldata()` function

```
pulldata(<csvfile>, <returnColumn>, <lookupColumn>, <lookupValue>)
```

## XLSForm

9	text	letter	Type a letter	
10	note	note_letter	Placement in Alphabet	<code>pulldata('data','letter_col','name',{letter})</code>

## Survey123 Connect

Type a letter

H

Placement in Alphabet

#8

## data.csv

	A	B
1	name	letter_col
2	A	#1
3	B	#2
4	C	#3
5	D	#4
6	E	#5
7	F	#6
8	G	#7
9	H	#8

Survey123 Connect: `pulldata()` function

```
pulldata(<csvfile>, <returnColumn>, <lookupColumn>, <lookupValue>)
```

## XLSForm

9	text	letter	Type a letter	
10	note	note_letter	Placement in Alphabet	<code>pulldata('data','letter_col','name',\${letter})</code>

## data.csv

## Survey123 Connect

Type a letter

H

Placement in Alphabet

#8

Freestone > ArcGIS > My Survey Designs > SWM

Name	Date modified	Type	Size
media	4/23/2019 9:17 PM	File folder	
forminfo.json	4/23/2019 4:13 PM	JSON File	1 KB
SWM.itemInfo	4/23/2019 4:13 PM	ITEMINFO File	2 KB
SWM.png	4/23/2019 4:13 PM	PNG File	4 KB
SWM.xlsx	4/23/2019 9:18 PM	Microsoft Excel W...	62 KB
SWM.xml	4/23/2019 9:18 PM	XML Document	3 KB



# Sample Case: City of Dowagiac

**Purpose:** to dynamically view previous entries when data is being submitted in a form

**Solution:** Survey123 and Python scripting







# Dowagiac's Previous Form

## CITY OF DOWAGIAC LIFT STATION LOG

LIFT STATION	PUMP #1 HOURS	PUMP #2 HOURS
Chestnut Street		
Michigan Avenue		
Walnut Street		
Woodhouse Drive		
M-51 South		
Pokagon/M-62 West		
Wolf Street		
N. Lowe / Green Street		
Indian Hills Apartments		
Pizza Hut/M-51 North		
Florence Avenue		
Rudy Road		
Vineyard Place		
Middle School		
Cass Avenue		

Employee: \_\_\_\_\_

Time on Stations: \_\_\_\_\_

Date: \_\_\_\_\_



# Sample Case: City of Dowagiac

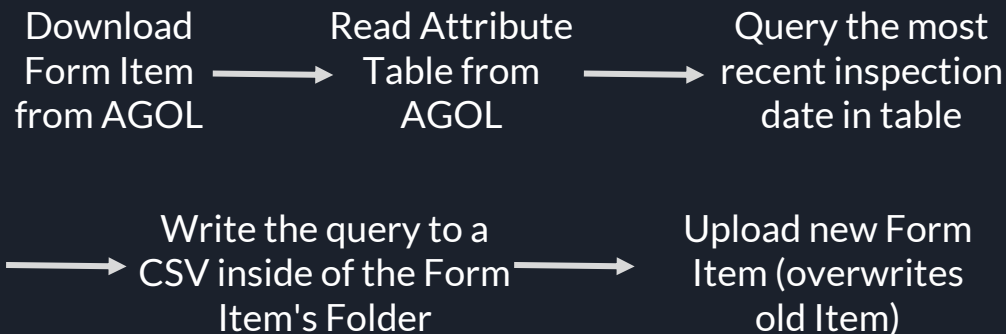
New survey → Create Survey from Feature Service → Customize

**Problem:** how do we dynamically and automatically update our data?

	A	B	C	M
1	type	name	label	calculation
2	text	FACILITYKEY	Facility ID	
3	text	NAME	LS Name	
4	text	EMPLOYEE	Employee Name	
5	dateTime	INSPDATE	Inspection Date	
6	decimal	PUMP1HRS	Pump #1 Hours	
7	calculate	calc_pump1_prev		pulldata('prevHour','prev_hour1','name',{FACILITYKEY})
8	note	PUMP1PREV	Pump #1 Previous Hour	\${calc_pump1_prev}
9	calculate	calc_pump1_diff		\${PUMP1PREV} - \${PUMP1HRS}
10	note	PUMP1DIFF	Pump #1 Hour Difference	\${calc_pump1_diff}
11	decimal	PUMP2HRS	Pump #2 Hours	
12	calculate	calc_pump2_prev		pulldata('prevHour','prev_hour2','name',{FACILITYKEY})
13	note	PUMP2PREV	Pump #2 Previous Hour	\${calc_pump2_prev}
14	calculate	calc_pump2_diff		\${PUMP2PREV} - \${PUMP2HRS}
15	note	PUMP2DIFF	Pump #2 Hour Difference	\${calc_pump2_diff}
16	text	REMARKS	Remarks	
17	image	ssLiftStationInspection_image	Image	



# City of Dowagiac: Methodology



```
# item ID of the form item on AGOL
form_item = 'XXXXXXXXXXXXXXXXXXXXXXX'
# item ID of the feature class that contains the related table
feature_item = 'XXXXXXXXXXXXXXXXXXXXXXX'
# Address of your ArcGIS portal
portal_url = r'https://yourSite.maps.arcgis.com'
# ArcGIS user credentials to authenticate against the portal
(case sensitive)
credentials = {'userName' : 'yourUsername', 'passWord' :
'yourPW'}
# ArcGIS portal security type (LDAP, NTLM, OAuth, Portal, PKI)
security_type = 'Portal'
```



# From Explorer to Survey123



Explorer  
for ArcGIS®

Loading map:  
SewerStormwater





















# From Explorer to Survey123

## Set-up URL in Custom Attribute Display in ArcGIS Online

### Custom Attribute Display ✕

Use the area below to define, format, and lay out the information you want to display.

**B I U A**   |     |     |     |    |

Font  Size  

[Inspect this lift station](#)

**Facility ID:** {FACILITYID}  
**Install Date:** {expression/expr0}  
**LS Name:** {NAME}  
**Structure Type:** {STRUCTTYPE}  
**Enabled:** {ENABLED}  
**Owned By:** {OWNEDBY}  
**Maintained Bv:** {MAINTRY}



## From Explorer to Survey123

Set-up URL in Custom Attribute Display in ArcGIS Online

arcgis-

```
survey123://?itemID=YOUR_FORM_ID&field:FACILITYKEY={FACILITYID}&field:NAME={NAME}
```



## What's New: JavaScript Extension

- pulldata() Javascript extensions
  - perform calculations
  - return JSON objects, parse results
  - Manipulate live data

```
pulldata("@javascript", "yourJSFile.js", "yourFunction",  
         "parameter1", "parameter2")
```



## What's New: JavaScript Extension

Fahrenheit to Celsius Example:

myJSFunctions.js (to be put in extensions folder)

```
function toCelsius(fahrenheit) {  
    return (5/9) * (fahrenheit-32);  
}
```

**XLSForm**

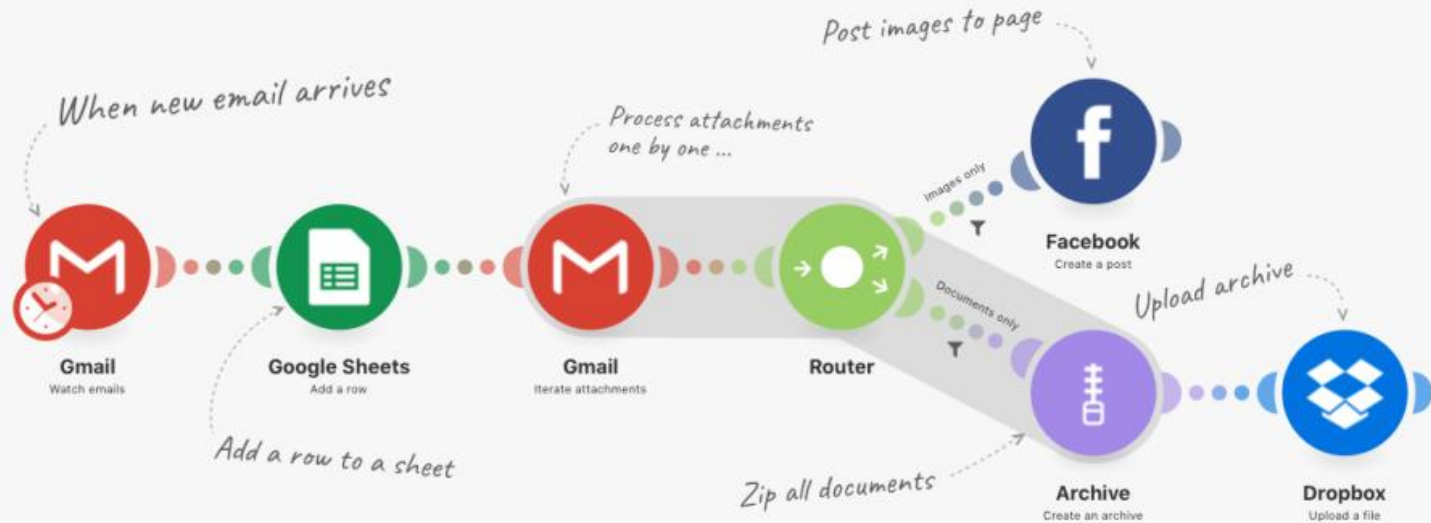
```
pulldata("@javascript", "myJSFunctions.js", "toCelsius", ${fahrenheit})
```





# What's New: webhooks

## What is Integromat?





**DOUBLE SECRET PROBATION**

# What's New: webhooks



**Survey123** 2  
Watch survey

Survey123

**Webhook**

Add

⚠ Field 'Webhook' is not filled.

💡 For more information on how to create a webhook in Survey123, see the [online Help](#).

Cancel OK

Add a hook

**Webhook name**

Double Secret Probation

**Connection**

My ArcGIS Online connection Add

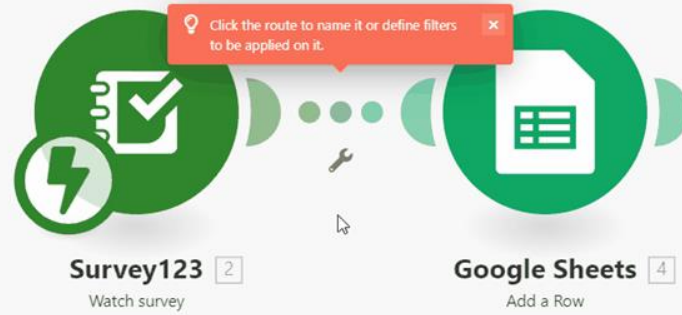
💡 For more information on how to create a connection to Survey123, see the [online Help](#).

**Survey**

Student Grades

Show advanced settings

Cancel Save



Click here to start the scenario manually. X

 Run once

SCHEDULING: OFF, Clock icon, Copy icon, Settings icon, Document icon, Erase icon, Undo icon, More icon

SCHEDULING

CONTROLS

TOOLS: Gear icon, Wrench icon, Stop icon

TOOLS

FAVORITES: Survey123 icon, Google Sheets icon, Plus icon

FAVORITES



 Run once

OFF 



CONTROLS



TOOLS



FAVORITES

7:11 AM Preparing scenario for running.  
7:11 AM Requesting execution.  
7:11 AM The request was accepted. Waiting for data.  
7:11 AM **Test has been stopped, but the request has not been processed yet.**

LOG

The logo consists of the letters 'W+' in white, set against a red rectangular background with a slight gradient and a white border.

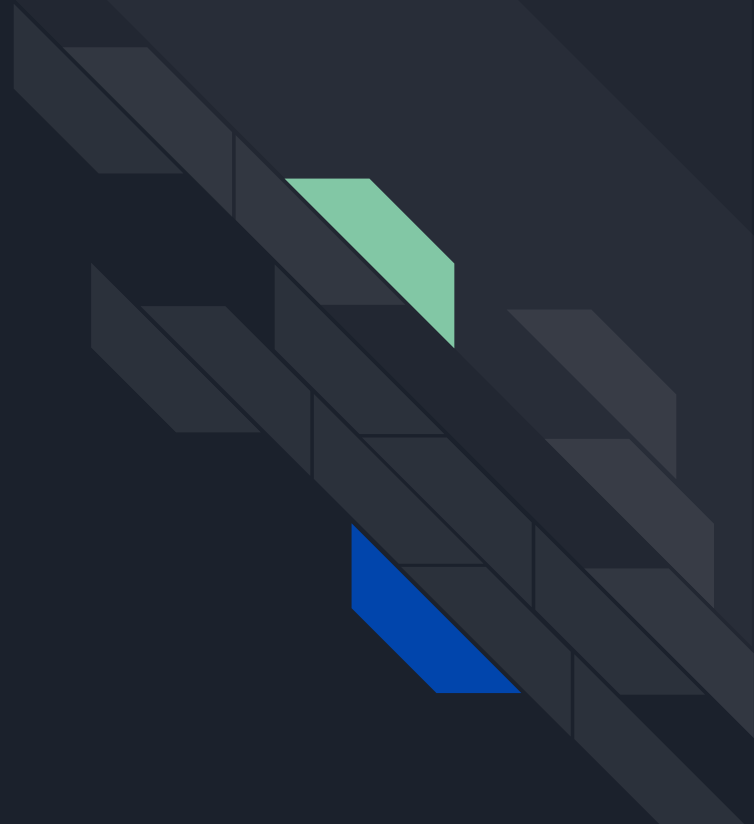
# Questions?

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W+

The End