Survey123 and Collector for ArcGIS – What’s New?

Matt Taraldsen
Solutions Engineer
Survey123 Update Schedule

• Survey123 not updated like other software….

• Updated generally once a quarter

• Some updates major, some minor

• Blog has the latest: https://community.esri.com/groups/survey123/blog
Quick Picks

• Working with image appearances – Smart sketching

• Geosearch and reverse geocoding

• Coordinate formats – Including USNG, MGRS and UTM/UPS
Image Appearances

- **signature**
  - Sketch on the form

- **draw**
  - Simple drawing with smart sketching palette

- **annotate**
  - Annotate photos, map snapshots and drawing
  - Includes smart sketching palette

Geosearch and reverse geocoding

- Geosearch bar on map page
  - Uses your organizations locators
  - Smart coordinate parsing (USNG, MGRS, UTM, Lat/Lon)

- Reverse geocode with expressions in your forms
  - pulldata("@geopoint", ${location}, "reversegeocode")

Coordinate formats

- Display and edit coordinates in Lat/Lon, USNG, MGRS and UTM/UPS
  - Configure in Connect via Map settings

Coordinate formats

- Convert to other coordinate formats with expressions in your forms
  - pulldata("@geopoint", ${location}, “USNG”)

November 1 Update – 3.1 – Blog Post
# What’s coming next

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Collector for ArcGIS
Collector for ArcGIS Update Schedule

• Virtually the same as Survey123

• Major upgrade coming 2019

• “Aurora Project” beta is available for organizations – email collectorbeta@esri.com or come talk to us!

• https://community.esri.com/community/gis/applications/collector-for-arcgis/blog
The Aurora Project

• Takes Collector to the next generation

• Improvement in form of:
  - Better maps
  - UX improvements
  - Arcade expressions
  - Improved offline workflows
  - 3D data collection

The Aurora Project

Will be Deployable Alongside Current Iteration of Collector for ArcGIS
UC 2018 Overview – Aurora Product Brief

- **Better maps**
  - Labels, advanced symbology
  - Vector basemaps
- **Improved collect experience**
  - Location Target
  - Reduced taps for photo attachments
  - Required Fields support
- **Improved User Experience**
  - New sliding panel (same feel as Explorer)
  - Portrait mode for tablets feels like a clipboard
- **New Capabilities**
  - Unit settings (USNG, Decimal Degrees, MGRS, etc)
  - Compass Navigation

Email collectorbeta@esri.com to join
UC 2018 Overview – Aurora Product Brief

• Offline
  - Greatly simplified Ad-hoc experience
  - Pre-planned offline workflow
  - Referenced basemaps
  - Side-loaded basemaps

• High accuracy
  - Support Z values
  - Grid-based transformations
  - Support for vertical transformations*

• Smarter forms
  - More input types (Barcodes, QR codes)
  - Audio attachments
  - Arcade expressions, Attribute rules*
  - Grouping*, conditional visibility*
UC 2018 Overview – Aurora High Precision Collection

• Z value geometry support
  - Vertical transformations (planned)

• Grid based transformation support
  - Sideload grid file
  - Download directly from ArcGIS Online

• Compass mode
Don’t Forget!
Collector for ArcGIS and Survey123 Workshop Tomorrow