Using Collector for ArcGIS and Survey123 for ArcGIS to Improve Utility Field Workflows

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Apps for the Field

Field Operations

- Operations Dashboard
- Drone2Map for ArcGIS
- Survey123 for ArcGIS
- Collector for ArcGIS
- ArcGIS Desktop
- Workforce for ArcGIS
- Navigator for ArcGIS
Collector for ArcGIS

- Map Centric Data Collection
- High Precision
- Works offline
Survey123 for ArcGIS

- Forms created via web or desktop
- Smart form capabilities
- Visualization of results
When to Use What App?
Form app comparison

<table>
<thead>
<tr>
<th>Functionality</th>
<th>Survey123</th>
<th>Collector</th>
<th>GeoForm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data collection style</td>
<td>Form-centric</td>
<td>Map-centric</td>
<td>Form-centric</td>
</tr>
<tr>
<td>Supports capture of new data</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Supports editing existing data</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Smart forms</td>
<td>Yes (XLSForm)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Works offline</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Supports anonymous access</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Platforms</td>
<td>iOS, Android, Windows, Mac, Linux, Web</td>
<td>iOS, Android, Windows</td>
<td>Web</td>
</tr>
<tr>
<td>Technical Support</td>
<td>Esri and the community</td>
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</tbody>
</table>

Using Apps Together
Outfall Inventory and Inspection

Outfall Reconnaissance Inventory Sample Collection Field Sheet

Section 1: Background Data

- Subwatershed: DuPage River
- Outfall ID: 56678
- Inspection Date: 6/28/17
- Temperature: 72.6°F
- Inspector(s):
  - Name: John Doe
  - Title: Environmental Inspector

Section 2: Outfall Descriptions

- Location: DuPage River
- Material: PVC
- Grade: High
- Inspection: Yes

Section 3: Quantitative Characteristics

- Parameter: Flow
  - Units: gpm
  - Equipment: Flowmeter

- Parameter: Temperature
  - Units: °C
  - Measurement: Thermometer
Deploy

Using ArcGIS Pro and the ArcGIS Solutions Deployment Tool
Deploy

- ArcGIS Solutions Deployment Tool
  - Solutions for 11 industries
  - Steps for configuring and loading data
- ArcGIS Hosted Feature Templates
  - ArcGIS Online and ArcGIS Enterprise
Configure
Using ArcGIS Online
Configure

- Web Map and Form Properties
- Additional Configuration
  - Pop-ups with custom URL
Collect

Using Collector for ArcGIS and Survey123 for ArcGIS
Collect

- To meet your organization’s needs
  - Add Fields
  - Modify Domains
- Load your Data
  - Append
  - Copy and Paste
  - Data Assistant Add-In
- Additional Configuration
  - Pop-ups with custom URL
Questions
Please Take Our Survey on the Esri Events App!

Download the Esri Events app and find your event

Select the session you attended

Scroll down to find the survey

Complete Answers and Select “Submit”