Configuring Survey123 for ArcGIS On-Premises

What is Survey123?

- Survey123 for ArcGIS Application

- Survey123Connect for ArcGIS

- Survey123 Website

- Survey123 Form API

- Documentation

- Installation Files

What does ‘On Premises’ mean?

- Survey123 website works with *our* Portal
  - Publish to Portal, Hosted Services & Authentication
- All functionality works behind the firewall
- No connection to outside cloud services (i.e., ArcGIS Online)

On Premises: Currently Supported

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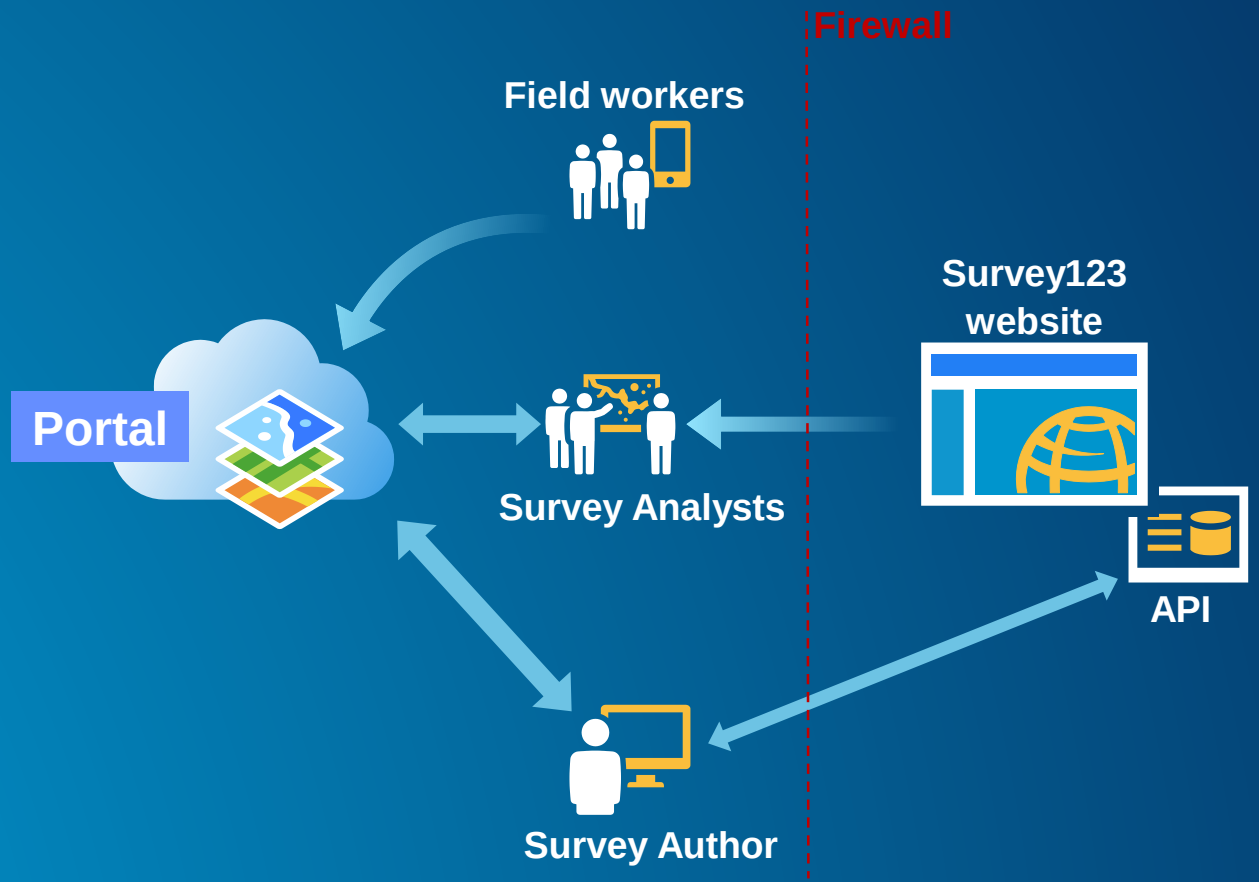
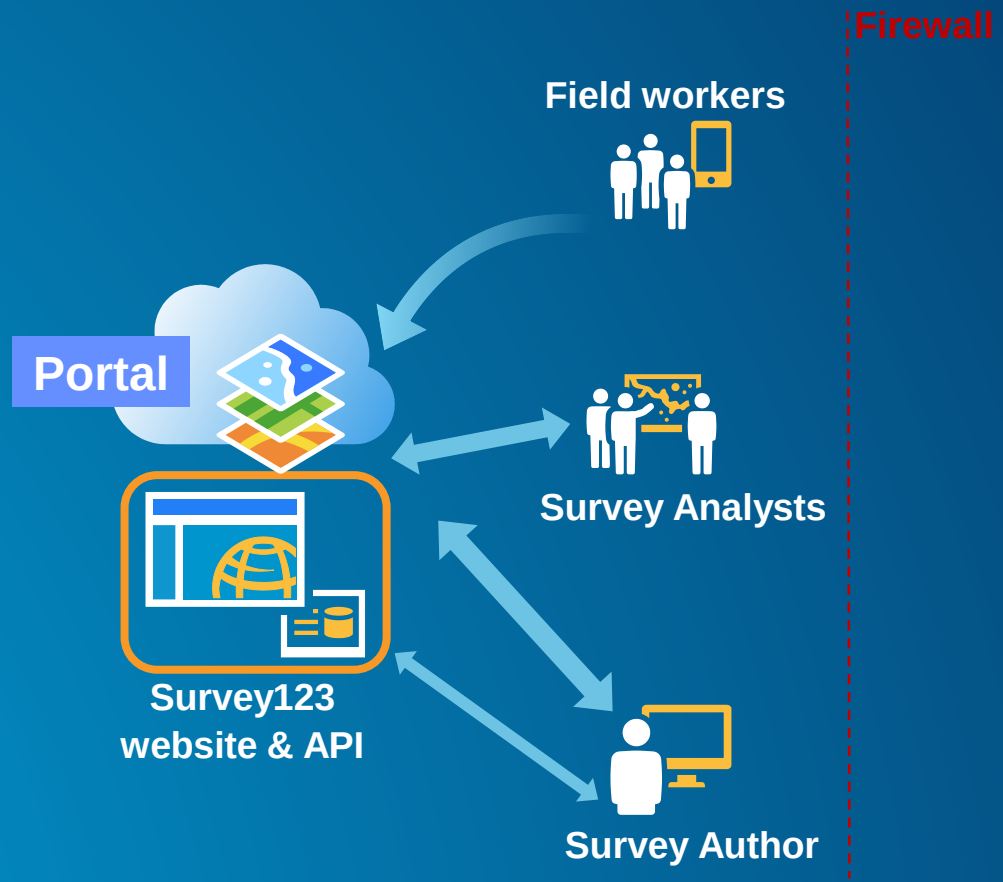
1) “Hybrid” Support : survey123.arcgis.com talks to Portals

- Survey123 website is ‘pointed’ at your portal
- Requests happen from user’s browser
- Only form generation requests go to ArcGIS Online
- Lower IT requirements



2) On premises installation of survey123.arcgis.com

- **Survey123 website & API are installed inside the firewall**
- **No communication with cloud resources**
- **Implementation approach – container technology**



What is a Container? Why use a Container?

- ‘Mini’ VM designed to be run in Server environments
- Website & API consist of diverse technologies
- Ease of maintenance/update & change management (prod/dev/staging)
- Currently looking at Vagrant – multiplatform, easily automated

On Premises: Planned Support

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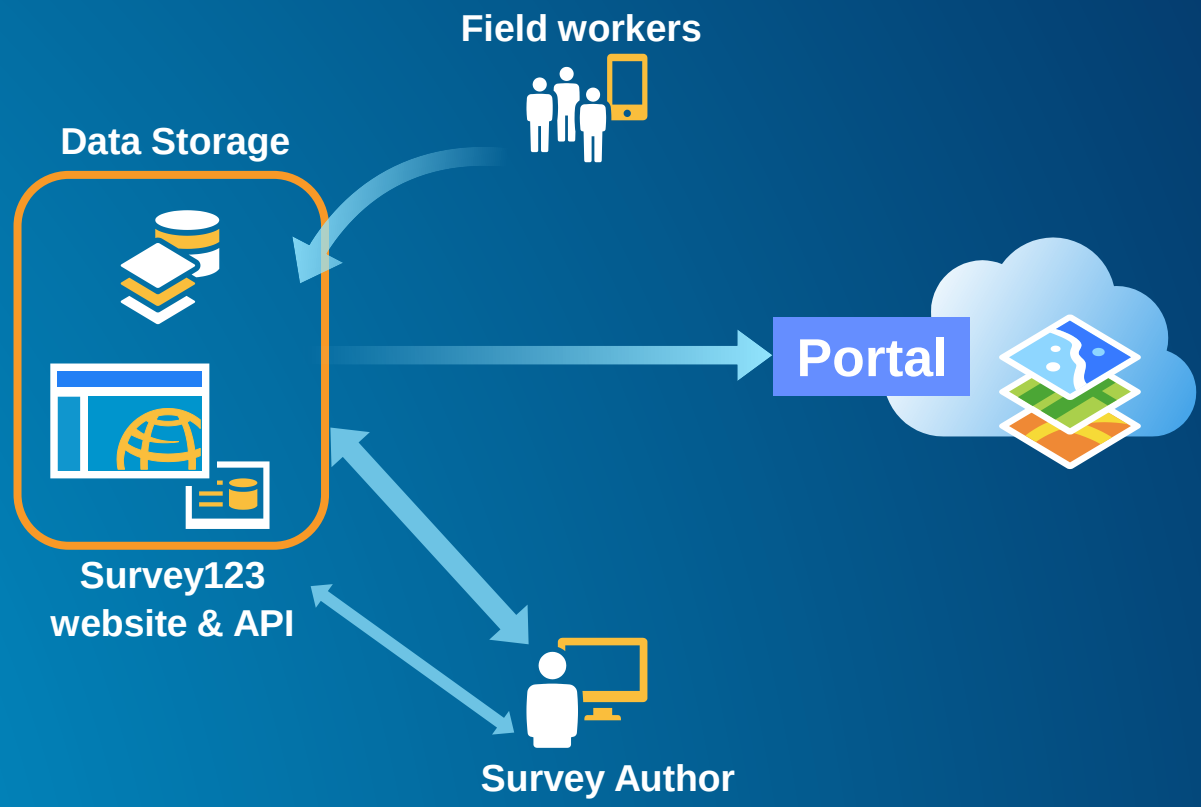
3) “Extremely Disconnected” deployment

- Everything installed on one computer
- Isolated data storage in the field before syncing with office
- Bare minimum Survey123 functionality
- Under research – what are the user requirements for this?



What are your on premises requirements?

Let us know! (now!)

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Aspect Ratio Test