esri Canada

THE SCIENCE OF WHERE ™

Want to impress your boss in 60 mins or less?

Deploy a mobile solution from the solutions deployment tool in ArcGIS Pro.

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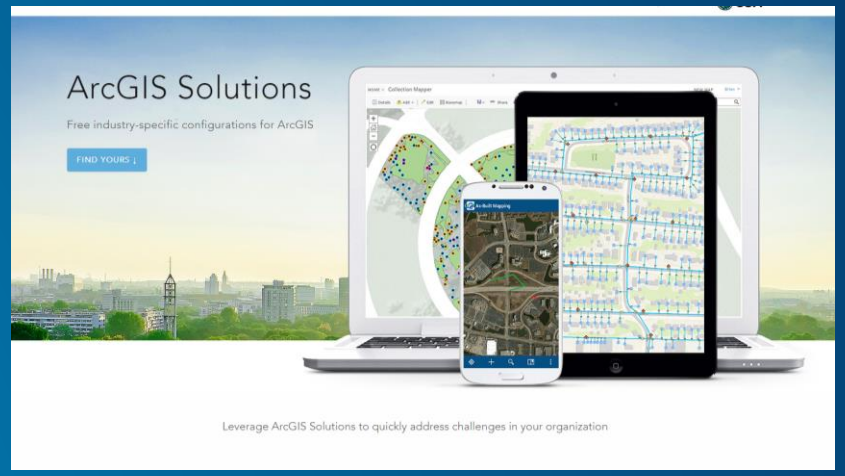
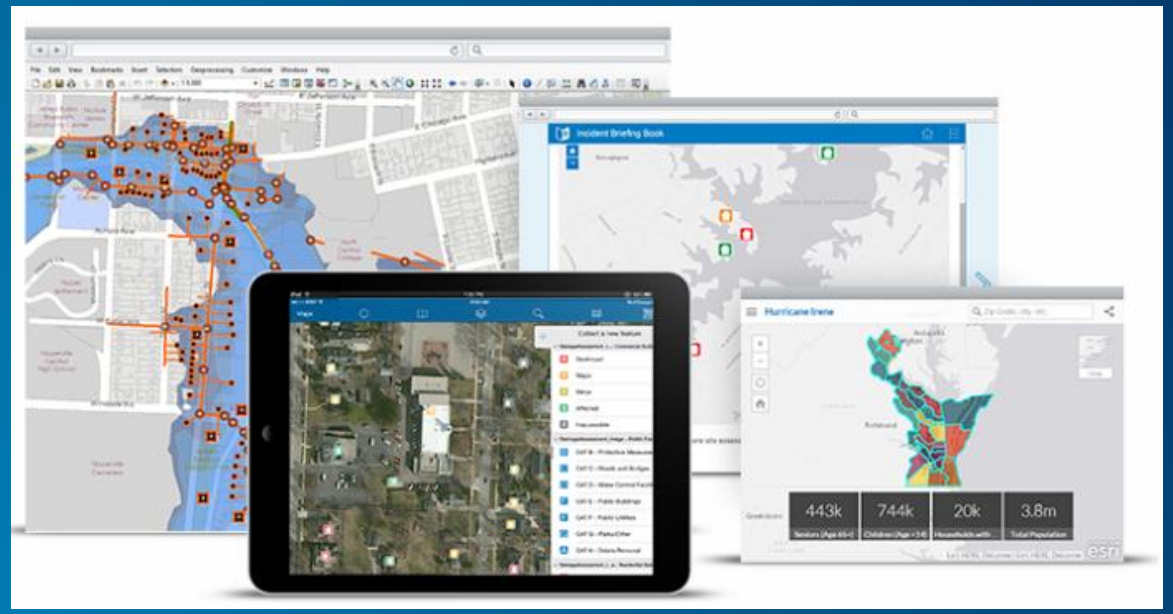
Overview

- ArcGIS Solutions Page
- ArcGIS Solutions Deployment Add-Inn
- Scenario
  - Find Deploy and Configure a series of different solutions from the Solutions deployment tool.
- FAQ’s



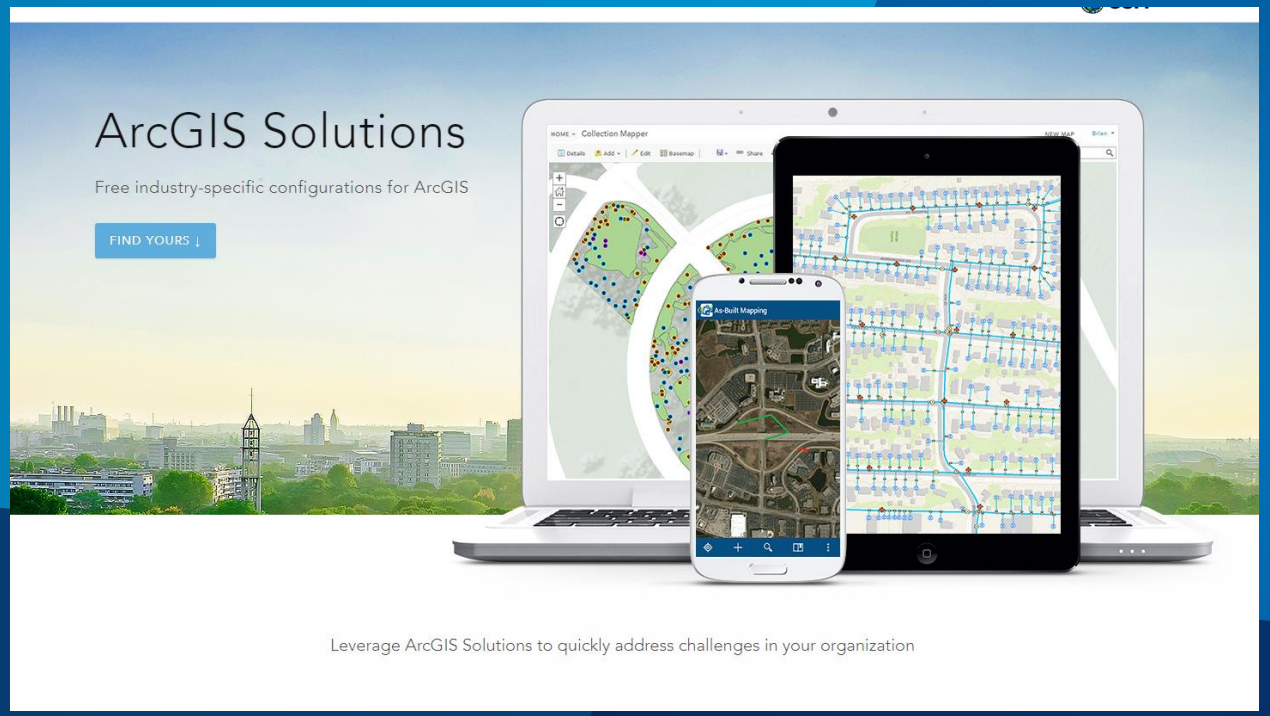
ArcGIS Solutions

- Apps you can use Immediately
- Maximize your GIS investment
- Boost your Efficiency



Products and Implementation

- Data Management
- Field Mobility
- GeoEnablement
- Operational Awareness
- Planning and Analysis
- Community Engagement

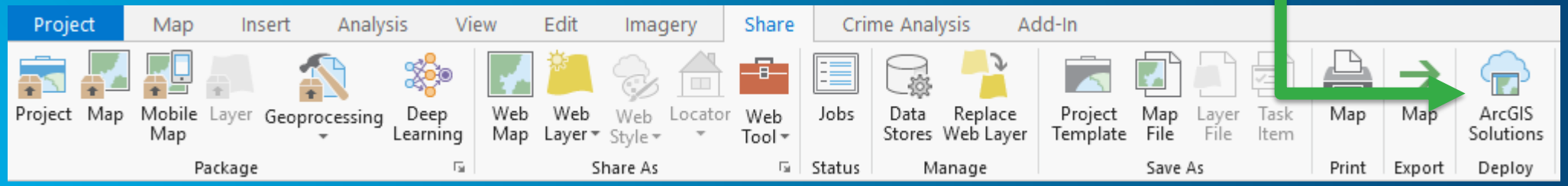


ArcGIS Solutions

Solutions Deployment Tool

- Add-In
- Catalog of ArcGIS Solutions
- Deployed to Online organization or Portal for ArcGIS
- Create items, groups, feature layers, maps and applications

SolutionDeployment.esriAddInX

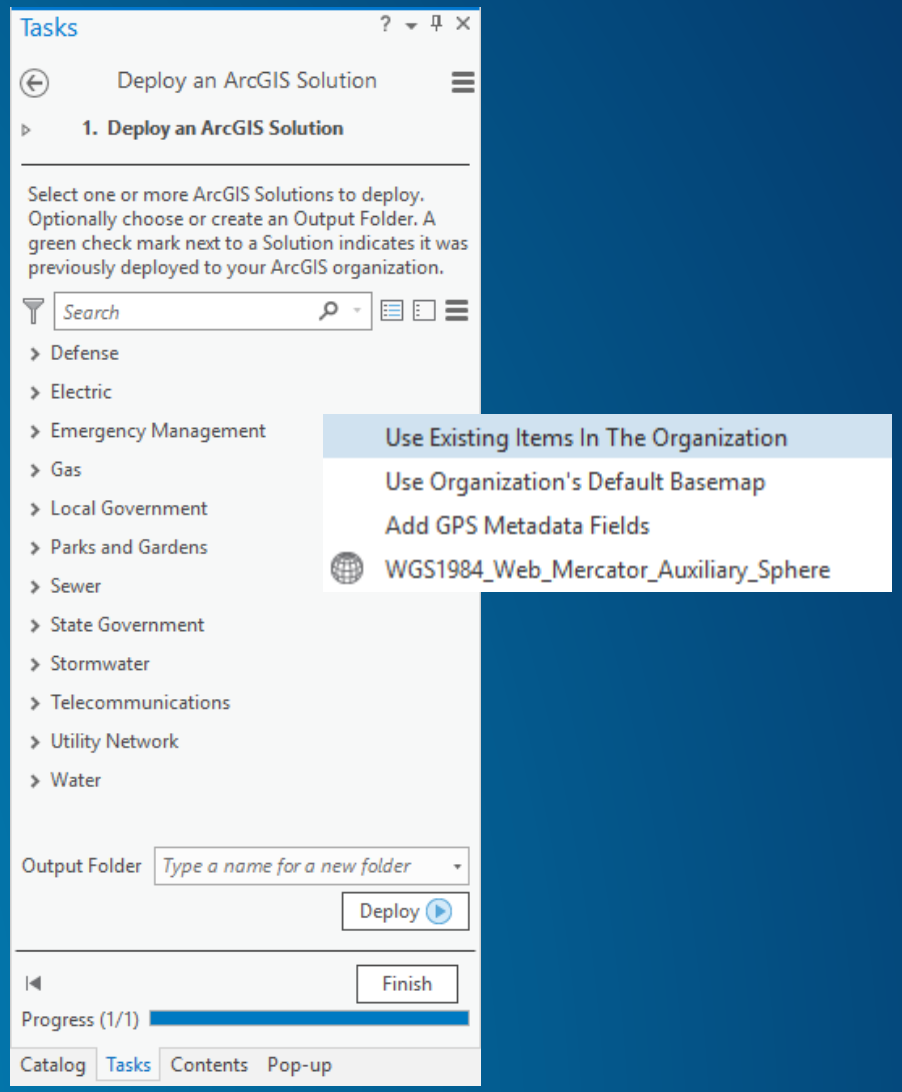


ArcGIS Solutions Deployment Tool - Tasks

- Tasks are a set of preconfigured steps that guide you through a workflow.
- Solutions deployment tool = Tasks
- Each Task has been documented
- Find Configure and Deploy a Solution

Deploy an ArcGIS Solution

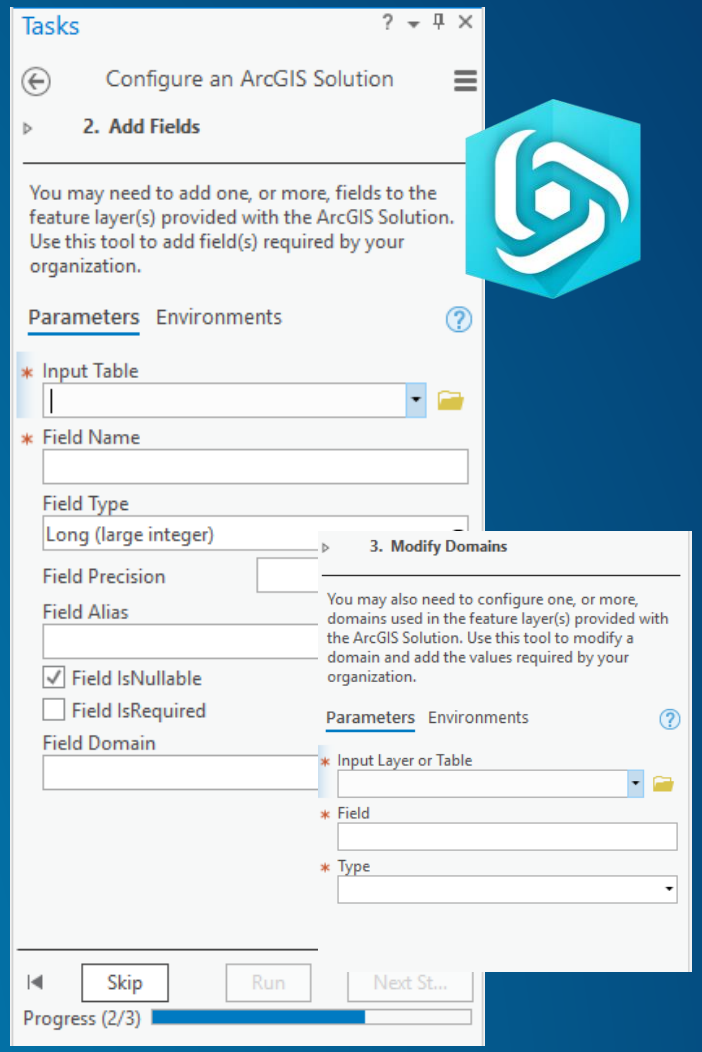
- Provides access from ArcGIS Pro to all available solutions
- Find Solutions based on industry type or search using search bar.
- Deployment Configurations
  - Use existing organizations
  - Default Basemap
  - Add GPS Metadata Fields
  - Spatial Reference Specify



Configure an ArcGIS Solution

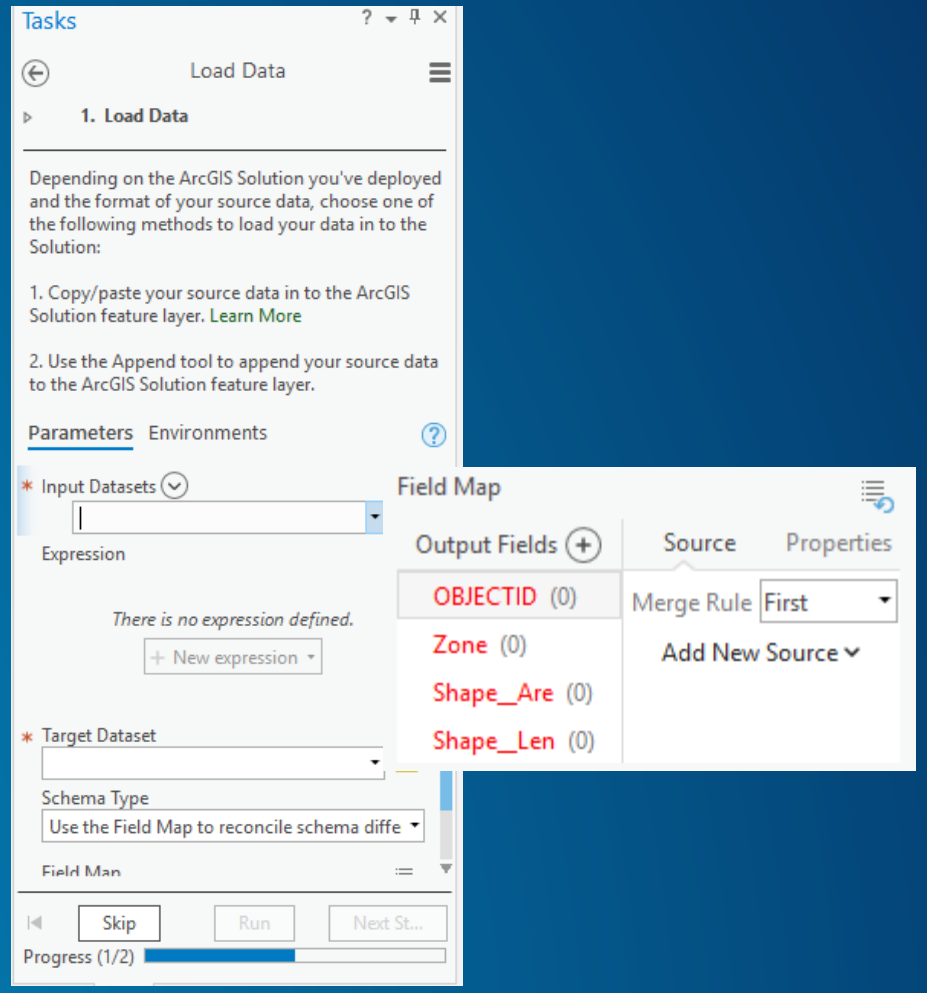
- **Feature Layer** or layers are to support the maps or applications. In some cases we might need to Add Field or Modify Domains
- **Web Maps** are cartographic design requirements and include the layers and pop-up configuration necessary to support the map or application
- **Applications** necessary to support the workflows.
- **Surveys**

All can be configured for your Organization



Load Data

- Copy and Paste Features
  - Source to target feature
- Append Data
  - multiple input datasets to an existing target dataset
  - Tables, rasters, or point, line, polygon, annotations, or dimensions feature classes.
  - Use the Field Map to reconcile schema differences



Solutions Deployment Tool

Scenario

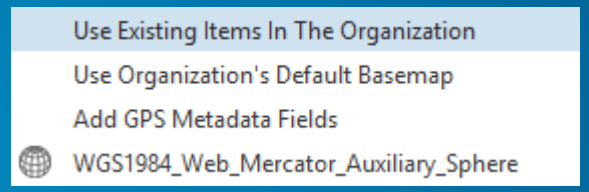
Scenario : You work for the city and there has recently been a large amount of flooding in and around your municipality.

As the GIS technician you have been monitoring the floodplain in ArcMap but your boss has just entered your office and would like you to create an up-to-date information product to be made available for the public, as soon as possible.

FAQ’s

Can you deploy a solution multiple times within the same organization?

YES!

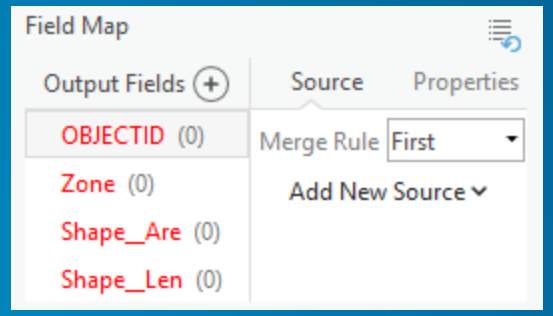


- The default option is to use existing Items in the organization
- This option can be toggled off to allow you to deploy an entirely new solution

FAQ’s

Does the existing feature layer need to be the same as the template in the solution?

NO!



In the load data task you have the option to Use the field map to reconcile schema differences. This option allows you to load data that has different field names.

FAQ’s

Is the solutions deployment tool also available for deployment inside Portal?

YES!

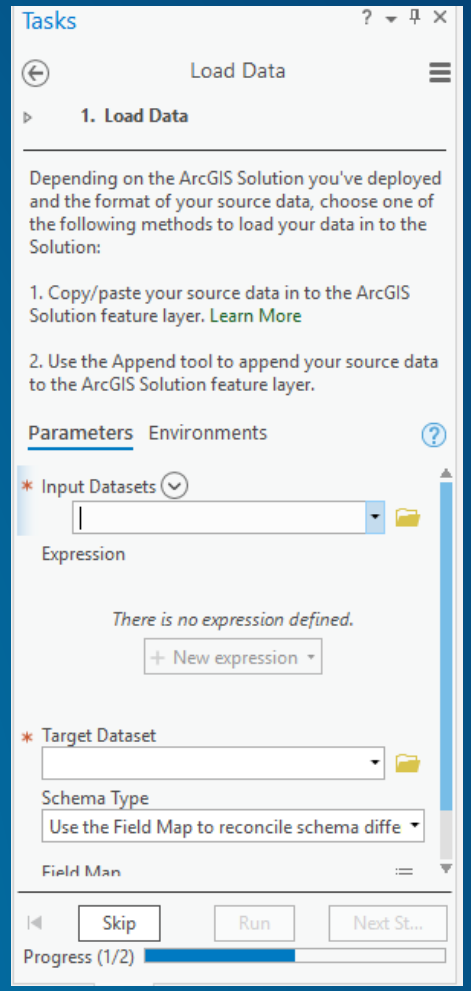
It works in exactly the same way. You simply log on to your Portal in ArcPro and get started.

FAQ's

Load data task is pretty handy. Is it possible to load data using the tool outside of building a solution?

YES!

- **I do it all the time! Why try and reinvent the wheel. You can load any feature layer with data using that tool. FYI it is the append tool made to look fancy ☺**



QUESTIONS?