

Fast-track your app, map and data model creation with **ArcGIS Solutions Templates**

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Desktop GIS Web GIS



When I finish my work in ArcGIS Pro, I publish or share it to my Web GIS.





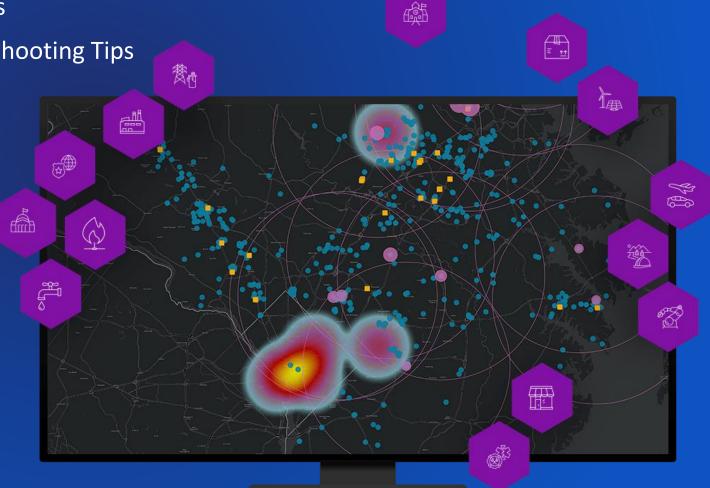
Outline



- What are ArcGIS Solutions?
- How to Deploy them?
- Demonstration of Deploying ArcGIS Solutions

Discussion about Best Practices and Troubleshooting Tips





ArcGIS Solutions – A Collection of Industry Specific Templates and Tools



Free and Fully Supported

to improve operations, gain new insight, and enhance services

Intersecting Business and Technology

helps address challenges in your organization

Leverage authoritative data





- ArcGIS Online or ArcGIS

Enterprise

Tools

Data Management
Apps
Add-ins
Understand
Operational
Maps
Systems
Performance
Dashboards

Engage

Mission



- Deliver maps and applications quickly throughout their organization
 - Roadmap for standard capabilities, improve service delivery, expand reach, innovation....
- Stay current with future releases / avoid legacy technology
 - Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems....
- Unlock geospatial platform so it can be leveraged by many
 - Mitigate many organizational challenges, maximize technical expertise....
- Leverage the collective knowledge of the entire community
 - Best practices, industry tradecraft....





Helping Organizations



- Manage authoritative location-based
 - Utility Data Management, Address Data Management, 3d Basemaps, Road Closures, Community Parcels, etc.
- Understand community conditions and create understanding
 - Crime Analysis, Neighbourhood Early Warning, Night-time Flow Analysis, COVID-19 Testing Sites, etc.
- Deploy location-based operational systems
 - Dam Safety, Election Management, Water Outage, EM Operations, Mosquito Control, Capital Project Planning, etc.
- Visualize operational and strategic performance
 - Performance Management, Citizen Problem Reporter, Fatal and Serious Crash Dashboard, etc.
- Engage the public (when appropriate)
 - Citizen Problem Reporter, Adopta, Election Results, Vision Zero, Park Locator, etc.



How it works





Search for a Solution

Deploy a Solution

ArcGIS Solutions leverage contemporary ArcGIS capabilities licensed by your organization and help you apply them to business needs.

Explore a collection of ArcGIS Solutions that can help you manage authoritative data, gain new insight, and deliver key capabilities to stakeholders.

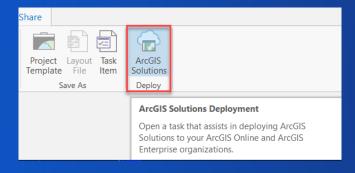
Quickly deploy ArcGIS
Solutions to your ArcGIS
organization, configure it to
meet your needs, and load
your authoritative
information.



Deployment Options



ArcGIS Solutions



ArcGIS Solutions
Deployment
Tool

ArcGIS Solutions
App





ArcGIS
Online/ArcGIS
Enterprise

ArcGIS Online

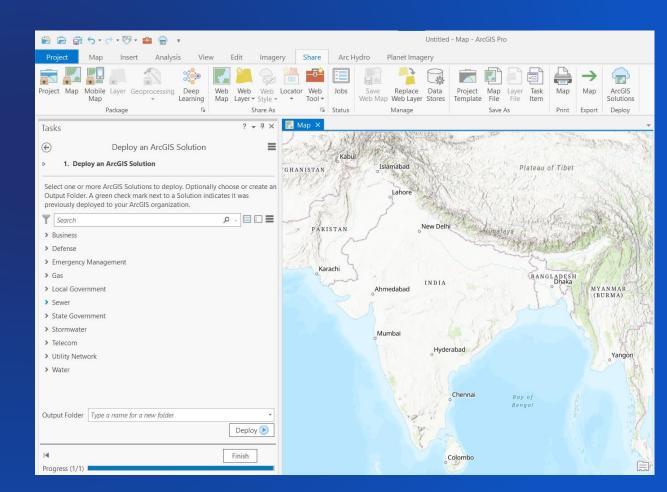


ArcGIS Solutions Deployment Tool



- ArcGIS Pro tasks and tools
 - Discover, deploy and configure solutions in an ArcGIS
 Organization
- Users can:
 - Discover solution offerings available
 - Deploy the services, maps, and configurable apps to their organization
 - Configure the solution to meet specific needs in their organization
 - Add fields
 - Modify field domains and aliases
 - Load their data (if required)







Demo

ArcGIS Solutions Deployment Tool



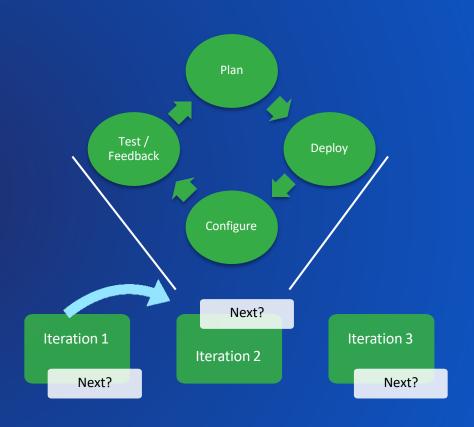
How do I get started?

ESTI India

Leverage solution offerings to maximize technical expertise and minimize deployment time

- Deploy quick wins
 - Configure your mapping platform
 - Align with strategic business needs
 - Implement one or more focused maps and apps
 - Organize your data
 - Iterate....

Envision





...embrace an agile implementation approach

Utility Network solutions are provided for



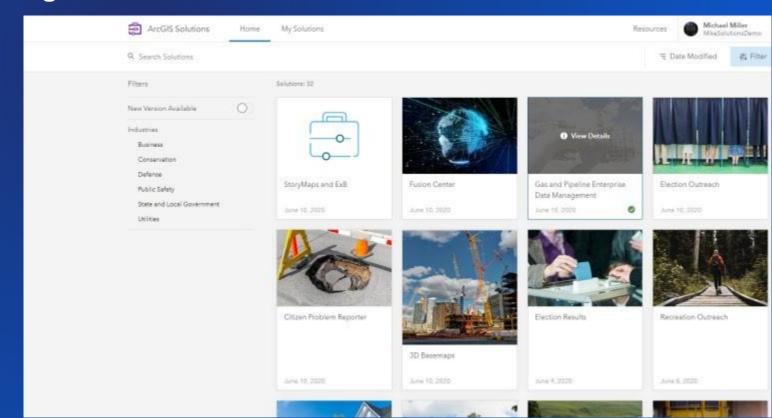
- Electric Distribution and Transmission
- Gas
- Water Distribution
- Sewer
- Stormwater
- Communications
- Irrigation



Utility Network solutions



- Currently organized into Foundation and Editor
 - Available through the Solutions Deployment Tool
- In the futured moved to Data Management Solution Item
 - Available in the Solution App





What is included in the Industry Utility Network Solution?



- Maps designed for editing with rich cartography
- Maps designed for publishing services
- Data model for assets and key attributes
- Configurations of the Utility Network
- Attribute rules to ensure data integrity (future)
- Attribute rules to preform intelligent editing (future)



Utility Network Solutions are a Baseline



- Not intended to have every possible asset used around the globe
- Include attributes to support common network data management and analysis tasks
 - Are not all encompassing configurations for the entirety of a utility's business
- Extendable to meet additional asset, workflow or 3rd party system integration needs
- Modifications to the baseline may result in unintended network behavior





Demo

ArcGIS Solutions App – Project Planning & Tracking



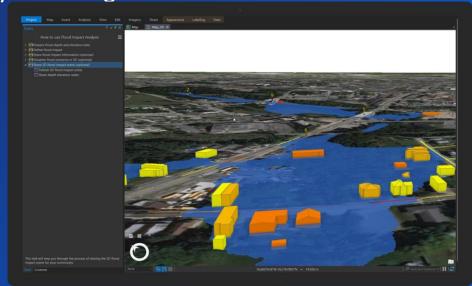
Emergency Management Citizen Reports **Community Impact** Damage Assessment Flood Impact Analysis **Debris Reporting Emergency Response Hub Initiative Critical Facilities RECOVERY MITIGATION Shelter Locator** Hazard Vulnerability Assessment LIFECYCLE Hazard Assessment and Analysis **Logistics Planning** Know Your Zone **PREPAREDNESS Emergency Management Operations** Special Needs Registry My Hazard Information

Flood Impact Analysis Solution



- Develop flood impact scenarios at each flood stage before the flood
- Determine the degree of impact on facilities and infrastructure for each flood scenario
- Use the results of the analysis to create flood response plans
- Create compelling 3D visualizations to improve communication of the flooding risk
- Take a proactive approach to accelerate planning, response, recovery and mitigation measures.





Response Solutions

Helping organizations respond to the pandemic

COVID-19 Pandemic (March 2020)

Business Continuity

Understand workforce capacity Monitor facility status Communicate disruptions

Force Readiness

Understand force capacity Monitor unit status Inform commanders

Recovery Dashboard

Monitor trends

Communicate progress

Wellness Checks

Register homebound individuals
Conduct wellness checks

Response

Monitor cases Communicate Impact Administer meal programs Share information with public

Hospitalization & PPEs

Solicit hospitalization reports Understand PPE supplies Monitor capacity

Testing Sites

Identify at-risk populations
Optimize testing locations
Manage site status
Educate public

Small Business Recovery

Engage local business owners

Measure impact of pandemic

Manage health violations

Promote small business recovery

Business Reopening

Evaluate cases & health restriction Understand impact on locations



Recovery / Reopening Solutions

Helping organizations recover from the pandemic

COVID-19 Pandemic (March 2020)

Business Continuity

Understand workforce capacity
Monitor facility status
Communicate disruptions

Force Readiness

Understand force capacity

Monitor unit status

Recovery Dashboard

Tabulate recovery metrics Monitor trends Communicate progress

Wellness Checks

Engage community volunteers
Register homebound individuals
Conduct wellness checks
Monitor wellness of vulnerable individuals

Response

Monitor cases

Communicate Impact

Administer meal programs

Share information with publi

Hospitalization & PPEs

Solicit hospitalization reports
Understand PPE supplies
Monitor capacity

Testing Sites

Identify at-riskpopulations Optimize testing locations Manage site status Educate public

Small Business Recovery

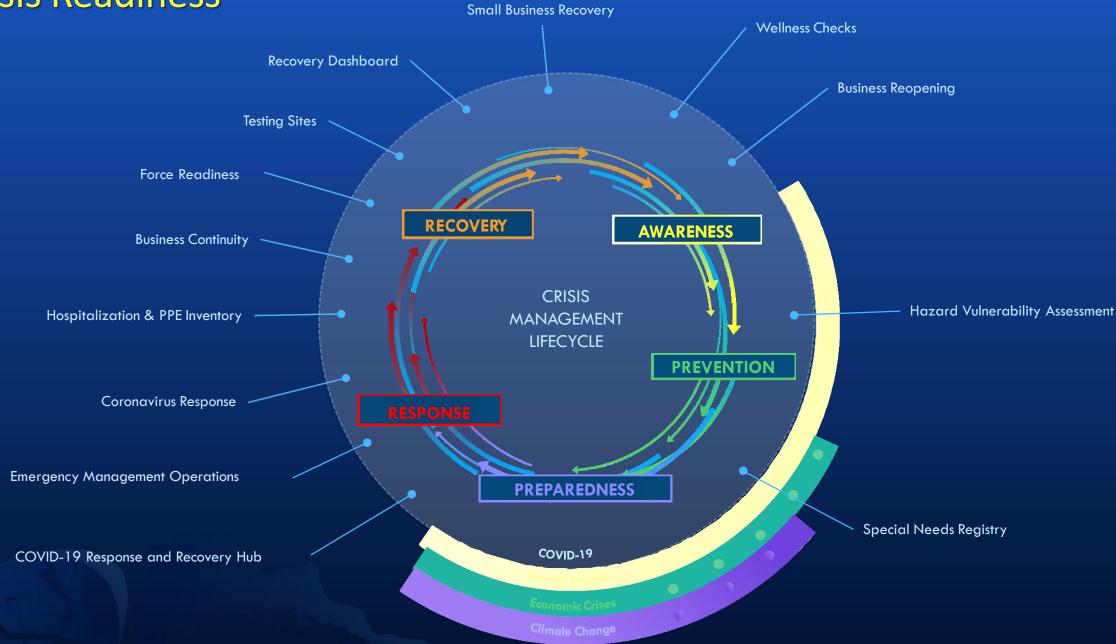
Engage local business owners Measure impact of pandemic Manage health violations Promote small business recovery

Business Reopening

Evaluate cases & health restrictions
Understand impact on locations

...designed for private corporations and government organizations

Crisis Readiness





Demo

Vaccine Distribution





Summary



- GIS professionals can quickly discover and deploy ArcGIS solutions in their organization projects value and innovation
- Standardize configuration approaches helps organizations stay current and reduce cost of ownership
- Delivered with ArcGIS



New Solutions



New Solutions

 Special Event Operations, Special Event Permitting and Operations, Health Safety Operations, Asset Condition Assessments, ArcGIS Urban Connector, Stormwater Data Management for ArcGIS Online, Curb Management, Telecom Data Management, FOG Inspections, R3, Protected Area Operations, Performance Management (Social Equity Lens), Debris Reporting, Fire Accreditation, etc.

New ArcGIS Hub Initiatives

 Special Events, R3, Police Transparency, Adopt-A-Catch Basin, Capital Expenditures, Transit, Mosquito Control, Homelessness

Simplify Deployment

- Crime Analysis ship with ArcGIS Pro 2.6
- ArcGIS Solutions within an ArcGIS Organization



Upcoming events





TSUNAMI RISK REDUCTION & COMMUNITY RESILIENCE

December 26th, 2020 | 03:00 PM to 08:00 PM

Tsunami Risk Reduction & Community Resilience Dec 26, 2020 | 3 pm IST onwards

Register - https://www.amrita.edu/tsunamisymposium2020





Join GeoNet Community - Connect, Collaborate and Share experiences



Community of customers, partners, Esri staff, and other GIS and geospatial professionals https://community.esri.com/



Community

All Communities

ArcGIS Ideas

Community Basics







Welcome to the new GeoNet Community! Learn more about getting started.

Learn More



GeoNet, The Esri Community

A global community of Esri users where you can find solutions, share ideas, and collaborate to solve problems with GIS.

821 Members Online

183K Posts

34.9K Solutions





To know more, visit us at: www.esri.in

Or, write to us at: info@esri.in



