

**Esri National Security Summit**

July 12–15, 2014 | San Diego, CA



# ArcGIS Platform for National Security Technical Demonstration

*Jeff Baranyi and Chris Delaney, Esri*

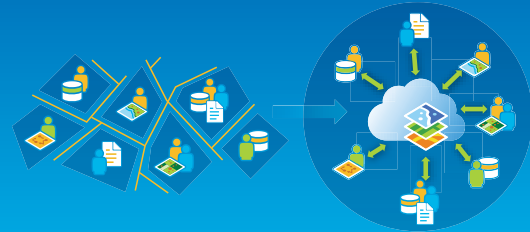
# National Security – The Problem:

*Sharing static, dynamic and other data across organizations and Departments – shared situational awareness*

*Integrating and analyzing data to provide actionable information*

*Deploying mission based (easy to use) applications*

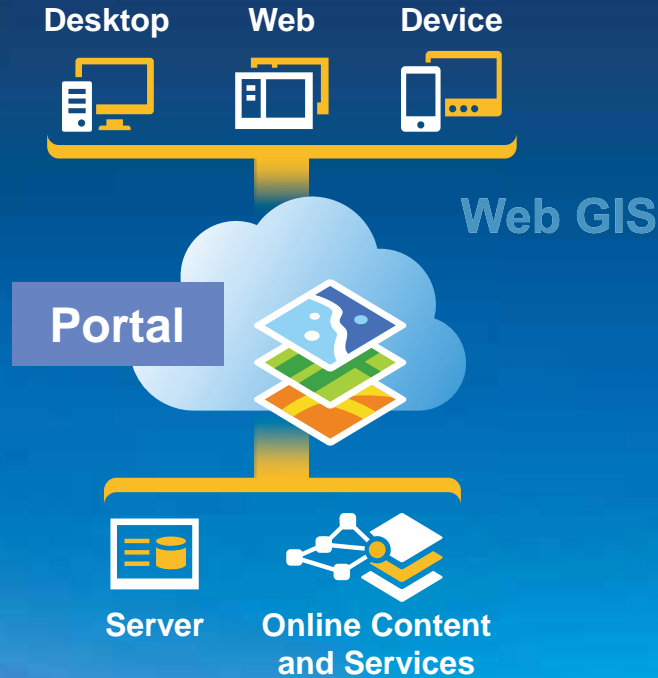
*Disseminating information to multiple devices*



# ArcGIS Is a Platform

Enabling GIS Everywhere

Simple  
Integrated  
Open



*Available in the Cloud . . .  
. . . and On-Premises*

# GIS Supports National Security



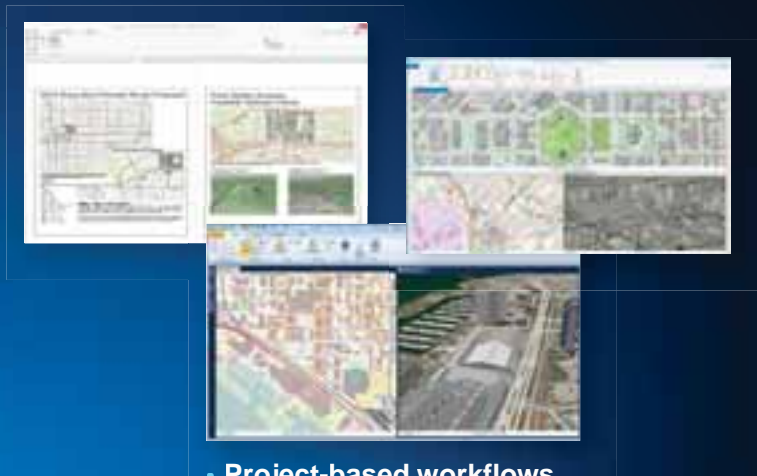
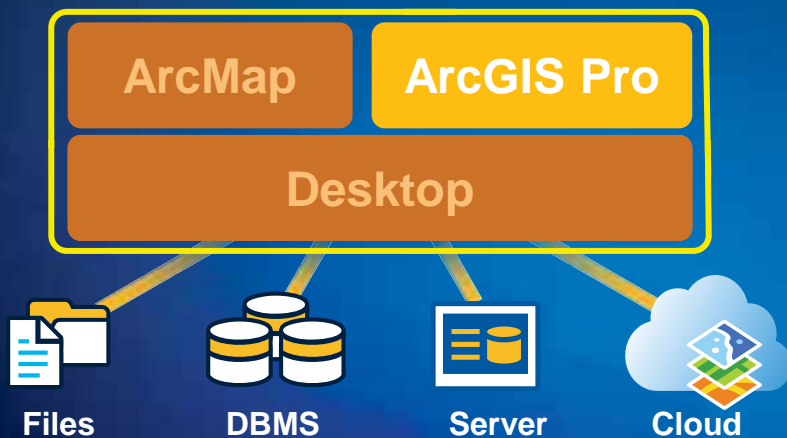
*Across Organizations and Across Government  
... a Framework for shared situational awareness*

# A GIS Platform To Enable Unity Across the National Security Community



# Pro

A New Application  
for Desktop



- Project-based workflows
- 64-bit support
- Combined 2D and 3D
- Multiple layouts
- Ability to author web maps

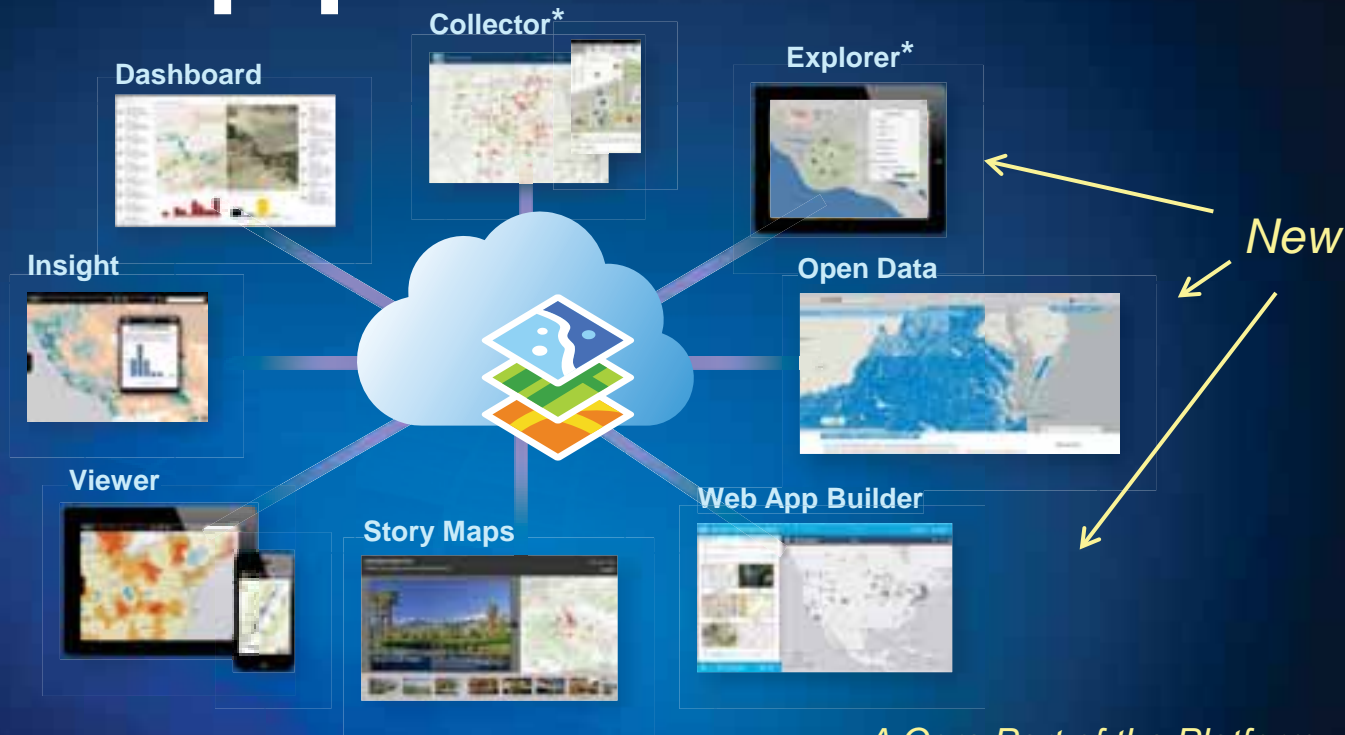
*... Tightly Integrated with Web GIS*

# Apps

Support  
Common Tasks

- Collection / Editing
- Viewing
- Mapping
- Analysis
- Awareness
- Communication

\* Offline Editing / Use



... A Core Part of the Platform

# ArcGIS for Emergency Management

<http://solutions.arcgis.com/emergency-management/>

## Planning

- Special Event Planning
- Flood Response Plans
- Hazards and Vulnerability \*



## Logistics

- Logistics Dashboard \*
- COP



## Public Information

- Crowd Sourcing
- My Hazard Info
- Social Media Maps
- Citizen Service Request
- Public Information Map
- Impact Summary Map



## Operations

- Operations Dashboard \*
- Watch Officer Dashboard \*
- Damage Assessment
- Emergency Management Maps \*
- Emergency Support Function Maps \*
- COP
- Debris Reporting \*



## Command

- Incident Briefing Book
- Briefing Book (s) \*
- COP
- Dashboard (Web) \*



Wednesday 7/16 – 8:30 AM – ArcGIS for Emergency Management  
Tech Workshop – SDCC, Room 31 B



# ArcGIS for the Fire Service

<http://solutions.arcgis.com/local-government/fire-service/>

## Planning

- Special Event Plans
- Pre-Incident Plans
- Target Hazard Analysis



## Logistics

- Address Data Management



## Public Information

- Briefing Book
- Community Addressing



## Operations

- Station Wall Map
- Fire Run Book
- Hydrant Flow Inspections
- AED Inventory
- Fire Safety Survey



## Command

- Briefing Book



Wednesday 7/16 – 1:30 PM – ArcGIS for Fire  
Tech Workshop – SDCC, Room 31 B

# ArcGIS for Law Enforcement

<http://solutions.arcgis.com/local-government/law-enforcement/>

## Planning

Special Event Plans  
Pre-Incident Plans



## Logistics

Address Data Management  
Cell Phone Analysis



## Public Information

Citizen Service Request  
Briefing Book  
Community Addressing



## Operations

Incident Maps  
Field Interview



## Command

Briefing Book



Wednesday 7/16 – 10:15 AM – ArcGIS for Law Enforcement  
Tech Workshop – SDCC, Room 31 B

# ArcGIS for Domestic Operations

<http://solutions.arcgis.com/military/domestic-operations/>

## Planning

- Special Event Planning
- Flood Response Plans
- Engagement Area
- Lodgment Plan
- Vehicle Check Point
- Observation Post
- Range Cards



## Logistics

- Logistics Dashboard \*
- COP



## Outreach

- Crowd Sourcing
- My Hazard Info
- Social Media Maps
- Citizen Service Request
- Public Information Map
- Impact Summary Map



## Operations

- Operations Dashboard \*
- Watch Officer Dashboard \*
- Damage Assessment
- Emergency Management Maps \*
- COP
- Debris Reporting \*



## Command

- Incident Briefing Book
- COP
- Incident Analysis
- Briefing Products
- Intelligence Support to Operations
- ISR Imagery Exploitation



*Tuesday 7/15 – 3:15 PM – ArcGIS for Domestic Operations  
Tech Workshop – Omni Ballroom A/B*

Demo

# ArcGIS for National Security

Chris Delaney, Esri  
Jeff Baranyi, Esri





Understanding our world.