



Esri Defense Mapping: **Cartographic Production**

Bo King

Agenda

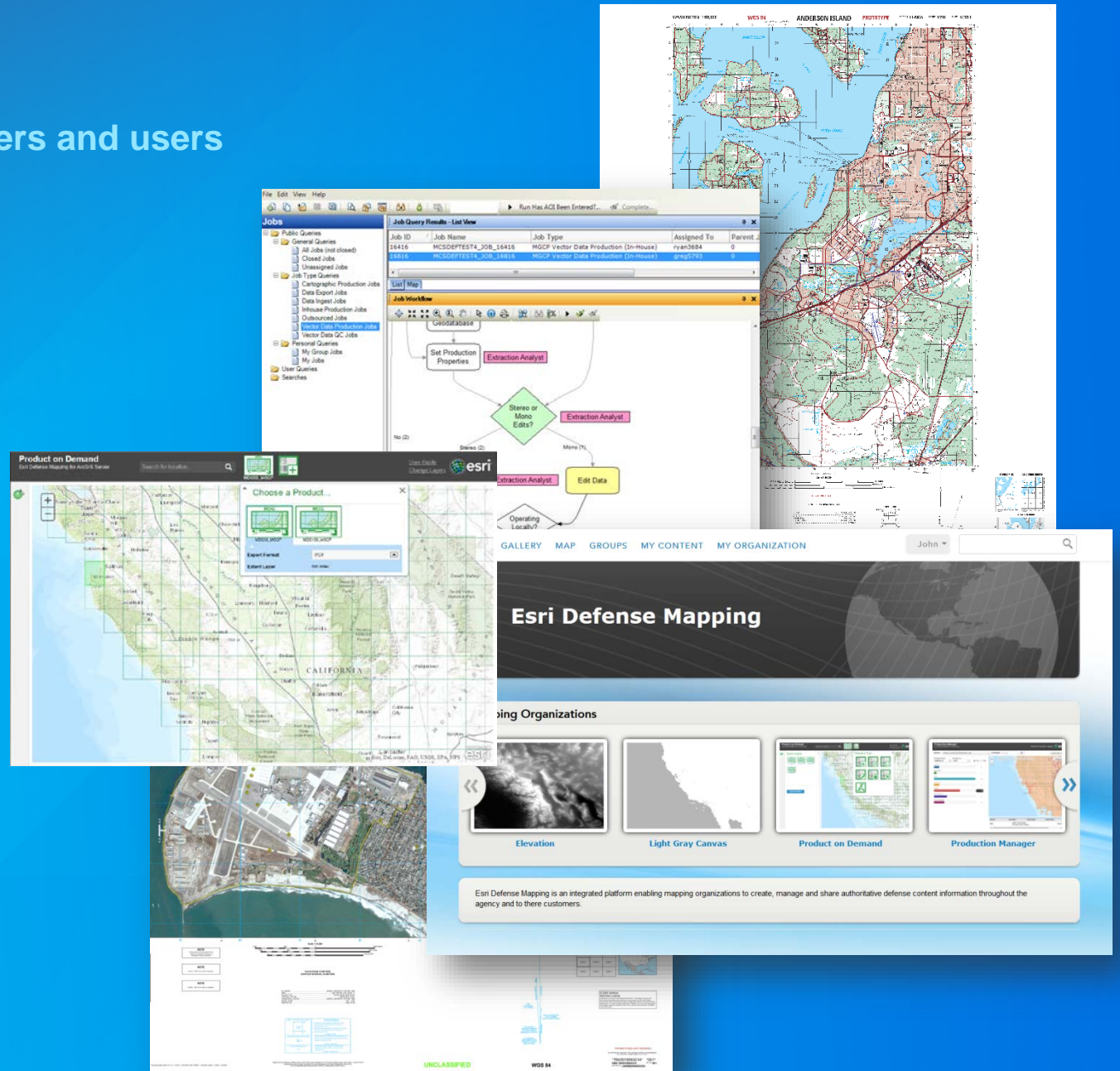
Esri Defense Mapping: Cartographic Production

- **Solution Overview**
- **Desktop Cartographic Production Workflow**
 - Create Rapid Graphic
- **Product On Demand App**
 - Esri Defense Mapping for ArcGIS Server

Esri Defense Mapping

Enabling defense authoritative content producers and users

- Defense Mapping as a Platform
 - Collect Source Information
 - Produce Authoritative Content
 - Manage Production Environment
 - Share and Collaborate





Cartographic Production

Esri Defense Mapping

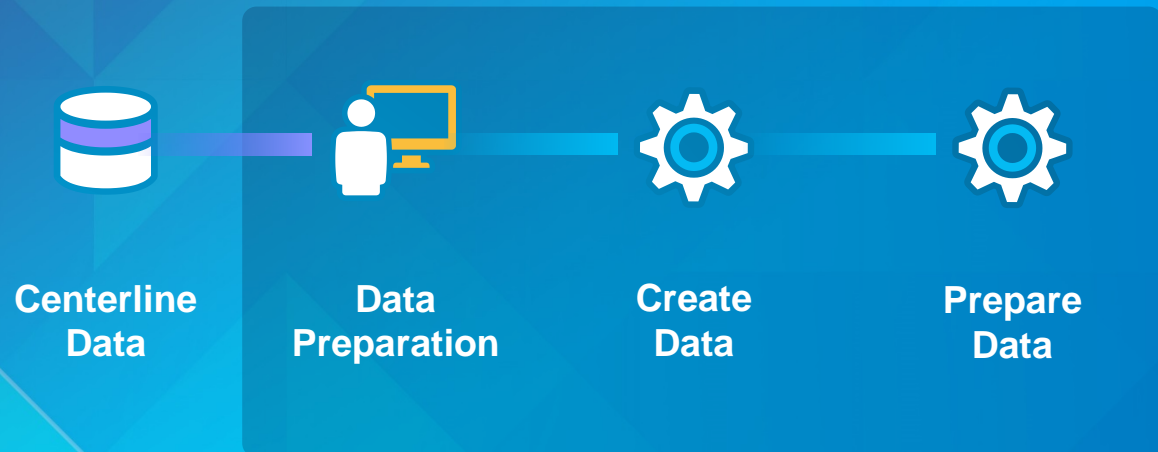
Cartographic Production Workflow

Expediting the Desktop Map Creation Process



Data Preparation

Creating and Preparing Cartographic Data



Cartographic Data

Create Data

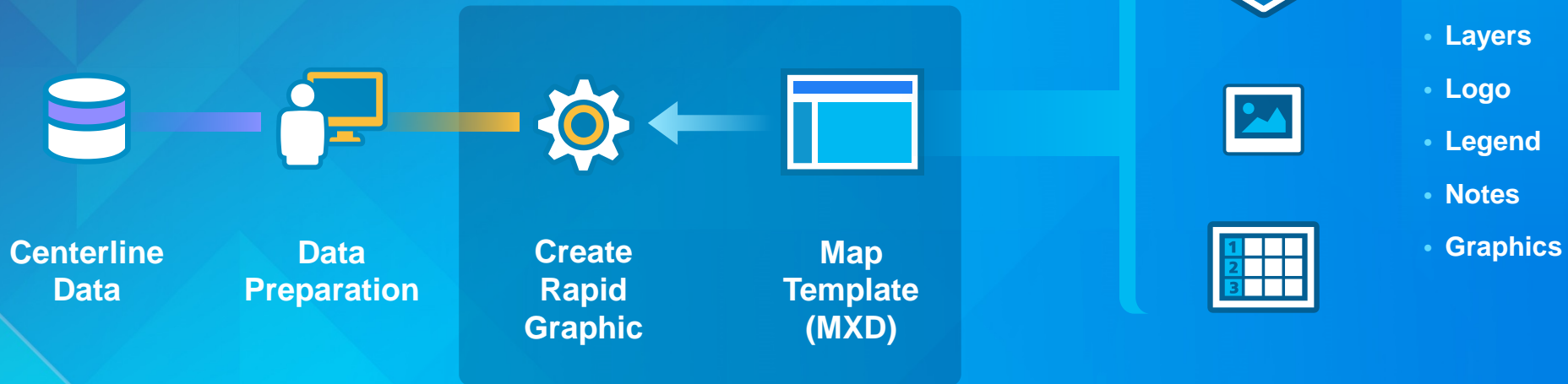
- Create Contours (GP)
- Create Spot Heights (GP)
- Add Boundary Data
- Add Map Sheet Information

Prepare Data

- Calculate Visual Specifications (GP)
- Building Offsets (GP)
- Calculate Bridge Overrides (GP)
- Suppress Spot Heights (GP)

Rapid Graphic Map Template

Defining the Map Sheet Layout




Map Template

Rapid Graphic Output

Geoprocessing Options



Centerline
Data



Data
Preparation



Create
Rapid
Graphic



Output
Options

**Geoprocessing
Output**



Rapid Graphic Output

- Map Document
- Production PDF
- Map Package

Demonstration

Create Rapid Graphic



Create Rapid Graphic Functions

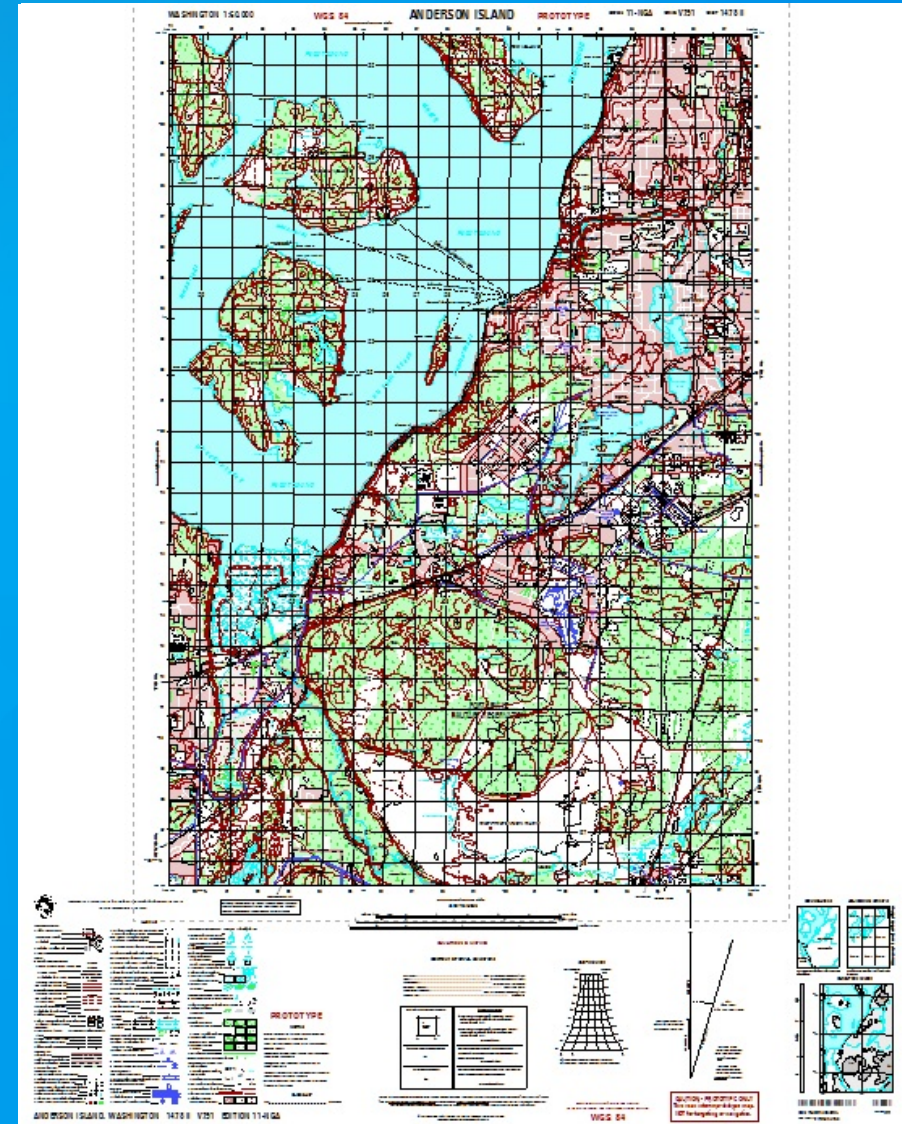
Automated Updates to the Map Sheet

Map Template

- Dynamic Elements
- Map Sheet Information

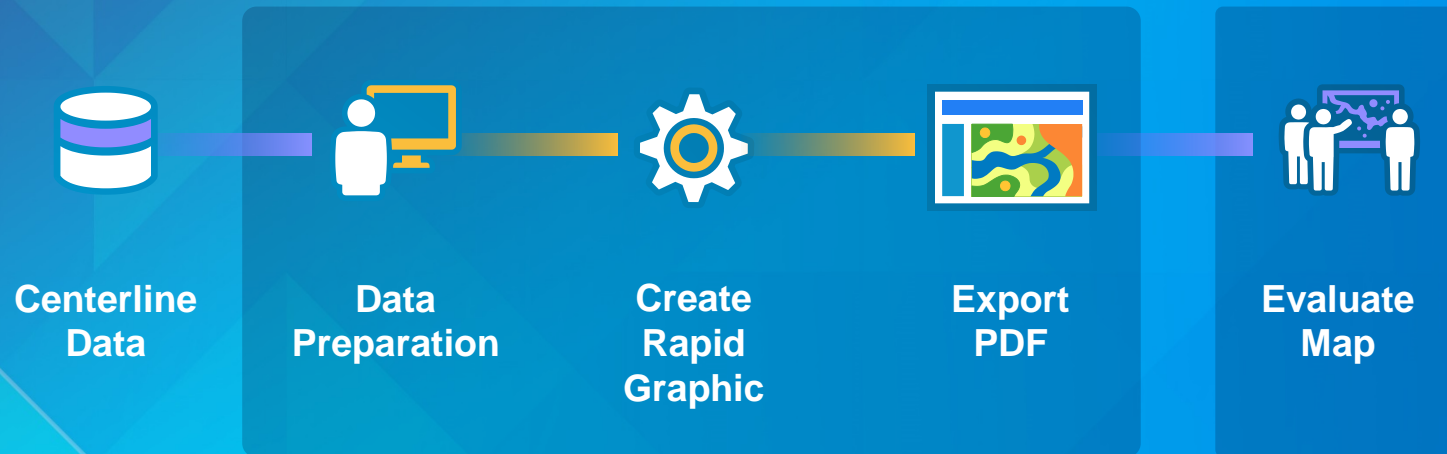
Data Frames

- Projected Extents
- Grids & Graticules
- Sourced Data Layers
- Export Layer Order
- Spot Labels
- Contour Labels
- Adjoining Sheet Labels
- Elevation Band Data
- Elevation Band Symbols

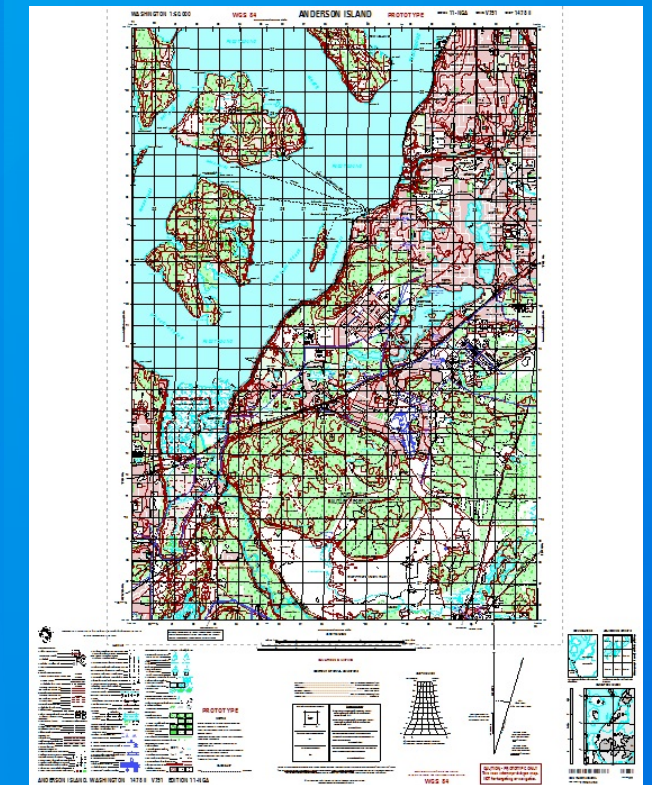


Cartographic Product

Evaluating the Map Sheet

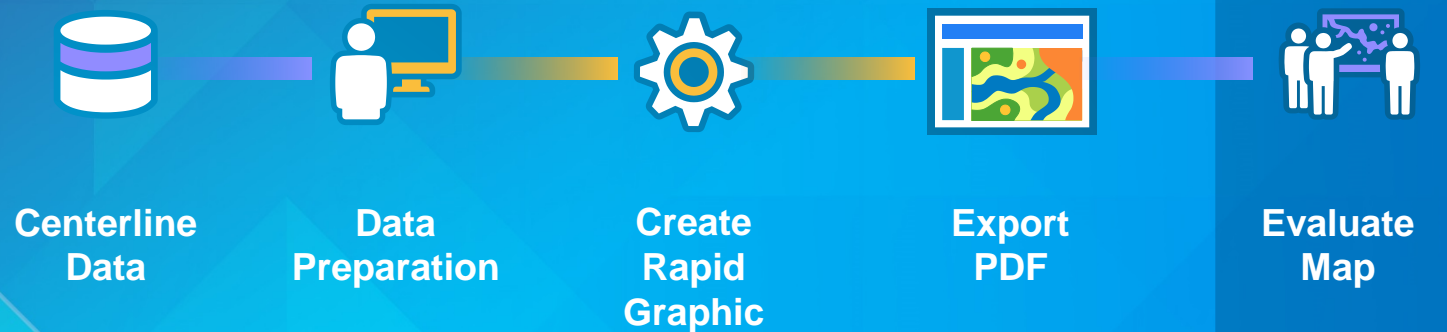


Rapid Mapping



Cartographic Updates

Meeting Cartographic Requirements



Cartographic Updates

- Map Information
- Element Placement
- Feature Offsets
- Symbol Levels for Roads
- Thin or Hide Labels
- Labeling & Annotation

Map Publishing

Delivering the Cartographic Product



Cartographic Product

Cartographic Production Workflow

Expediting the Desktop Map Creation Process





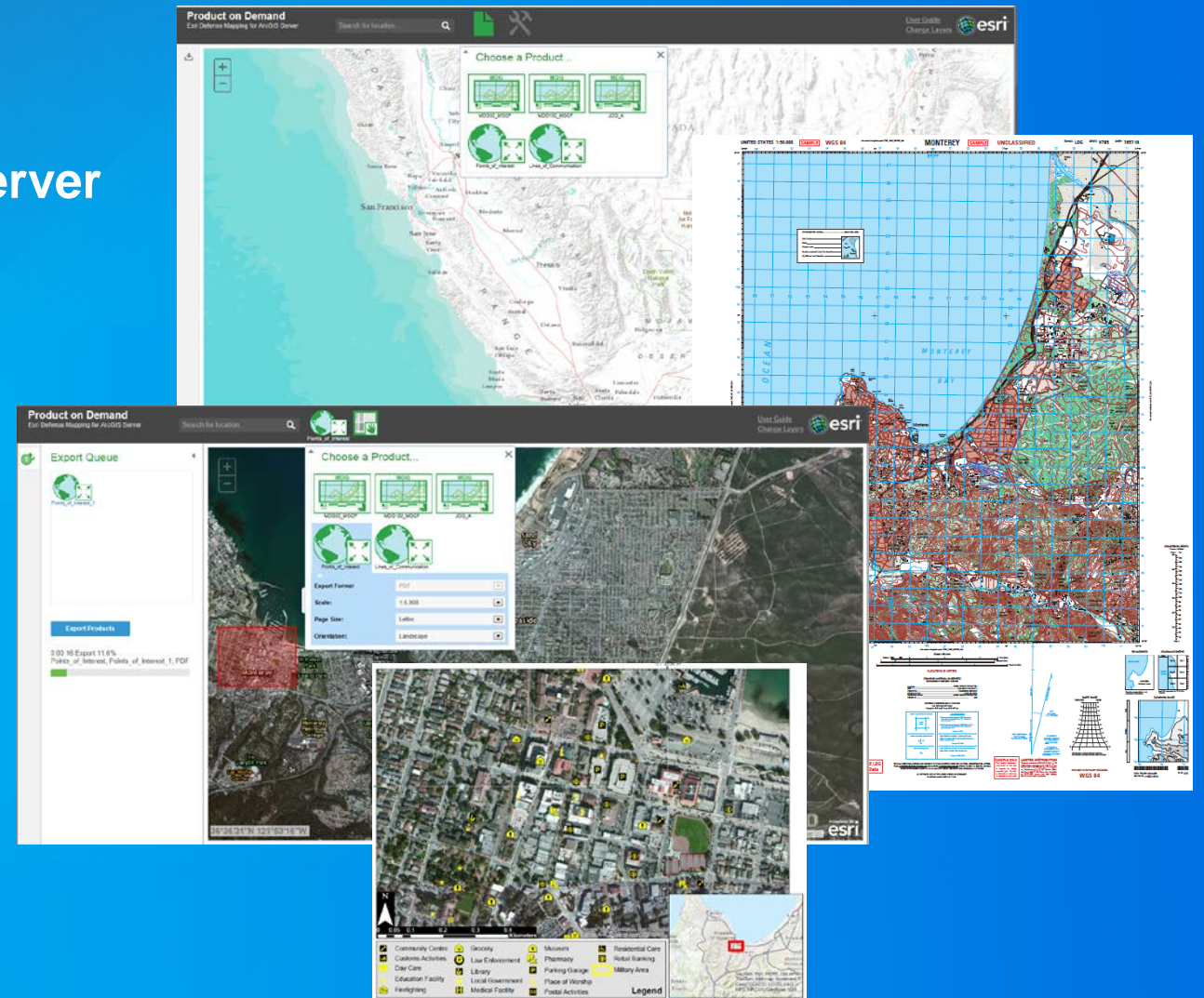
Product On Demand

Esri Defense Mapping Application

Product On Demand

Esri Defense Mapping Application

- Esri Defense Mapping for ArcGIS Server
- Cartographic Production App
- Defense Products
- Custom Products



Demonstration

Product On Demand



Questions

Esri Defense Mapping

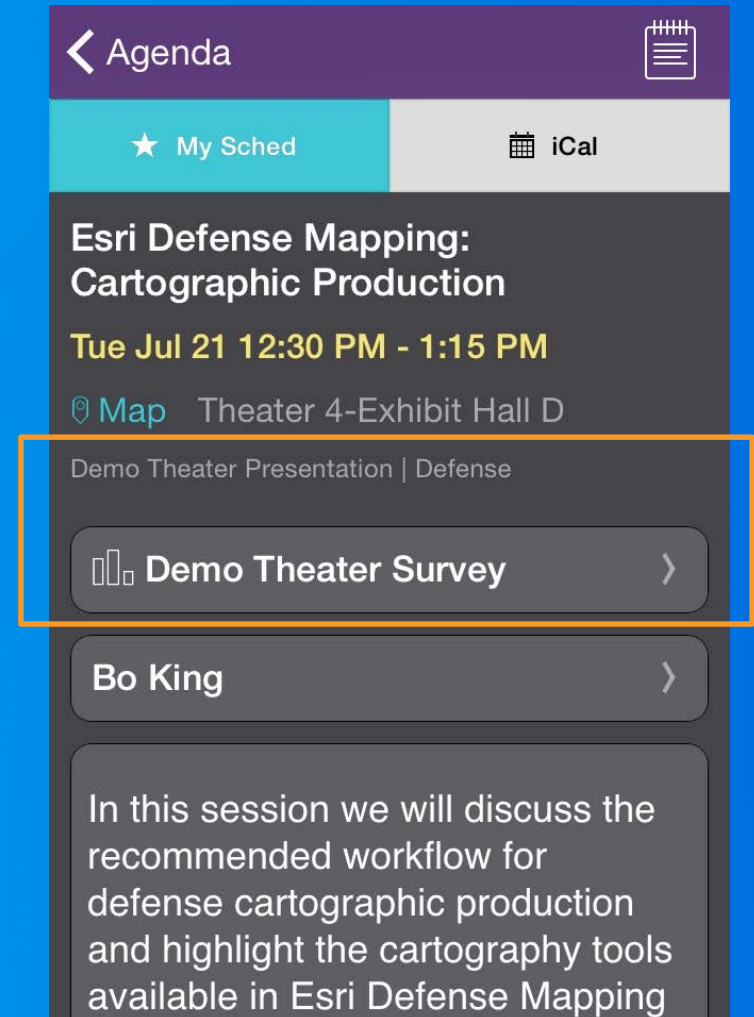


Survey & Resources

Thank you...

Demo Theater Survey

- Please fill out the survey in the Esri Events App
- Search “Carto” to find the session
- Select “Esri Defense Mapping: Cartographic Production”
- Click “Demo Theater Survey”
- Answer a few short questions and enter any comments



Want to learn more?

Online Resources

- **Documentation**

- [Esri Defense Mapping](#)
- [Esri Defense Mapping for Server](#)

- **Related Esri Training and Tutorials**

- [Introduction to Esri Defense Mapping](#)
- [Getting Started with ArcGIS Workflow Manager](#)
- [Quality Control Using ArcGIS Data Reviewer for Desktop](#)

- **Additional Resources**

- [ArcGIS Help: Esri Defense Mapping](#)
- [GeoNet: Esri Community Forum](#)

Esri Defense Mapping Demo Theater Sessions

Demo Theater 4, Exhibit Hall D

- **Esri Defense Mapping: Cartographic Production**
 - **Tuesday** **12:30pm - 1:15pm**
 - **Wednesday** **9:30am - 10:15am**

- **Esri Defense Mapping: Enterprise Production Management**
 - **Wednesday** **2:30pm - 3:15pm**
 - **Thursday** **10:30am - 11:15am**

Esri Defense Mapping Team

Esri User Conference 2015

- **National Security Showcase, Exhibit Hall C**
 - **Tuesday** 8:30am – 6:30pm
 - **Wednesday** 8:30am – 6:30pm
 - **Thursday** 8:30am – 1:30pm
- **Tech Support**
- **Demos**
- **Q & A**



Understanding our world.