Esri Defense Mapping: Cartographic Production

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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

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

Centerline Data
Data Preparation
Create Rapid Graphic
Map Template (MXD)

Map Template

Custom Template
- Layers
- Logo
- Legend
- Notes
- Graphics
Rapid Graphic Output
Geoprocessing Options

- Centerline Data
- Data Preparation
- Create Rapid Graphic
- Output Options

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

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

Expediting the Desktop Map Creation Process

- Centerline Data
- Data Preparation
- Create Rapid Graphic
- Export Map
- Evaluate Map
- Enhance Cartography
- Publish Map

Rapid Mapping

Cartographic Product
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
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