

Welcome to the National Geospatial Preparedness Summit

August 4-5, 2015
Washington, DC



Classroom A



Orientation to ArcGIS Online for Public Safety

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Training Purpose

- ❖ Develop the knowledge, skills, and abilities to conduct the geocoding process using ArcGIS Online in a public safety scenario.
- ❖ Develop skills is applying routing features to achieve more efficient public safety operations and planning.



Key Terminology

Geocoding is a GIS operation for converting street addresses into spatial data that can be displayed as features on a map, usually by referencing address information from a street segment data layer

Routing is a type of network analysis that determines the best route from one network location to one or more other locations. It can also calculate the quickest or shortest route depending on the impedance chosen.



Today's Training Objectives

Learn how to....

- ❖ Complete the geocoding process – a GIS operation for converting street addresses into spatial data that can be displayed as features on a map, usually by referencing address information from a street segment data layer.
- ❖ Convert street addresses into spatial data in a public safety scenario
- ❖ Display converted street addresses as features on a map
- ❖ Apply routing features to determine time efficiency in operational scenario
- ❖ Use real-time traffic data to determine time efficiency in routing options
- ❖ Complete a one-to-many route operation

ArcGIS Online Logistics

- Usernames:
 - first initial + last name_ngps
 - Example: jdoe_ngps
- Password: ngps2015
- Security Question: What city were you born in?
Answer: DC
- All accounts have been assigned to all NGPS groups and all accounts have been verified
- Experience issues logging in? Just et us know!

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here

HERE is a dedicated location-based company with **global reach**

Employs **6,000 people** in 55 countries



Produces maps for nearly **200 countries**



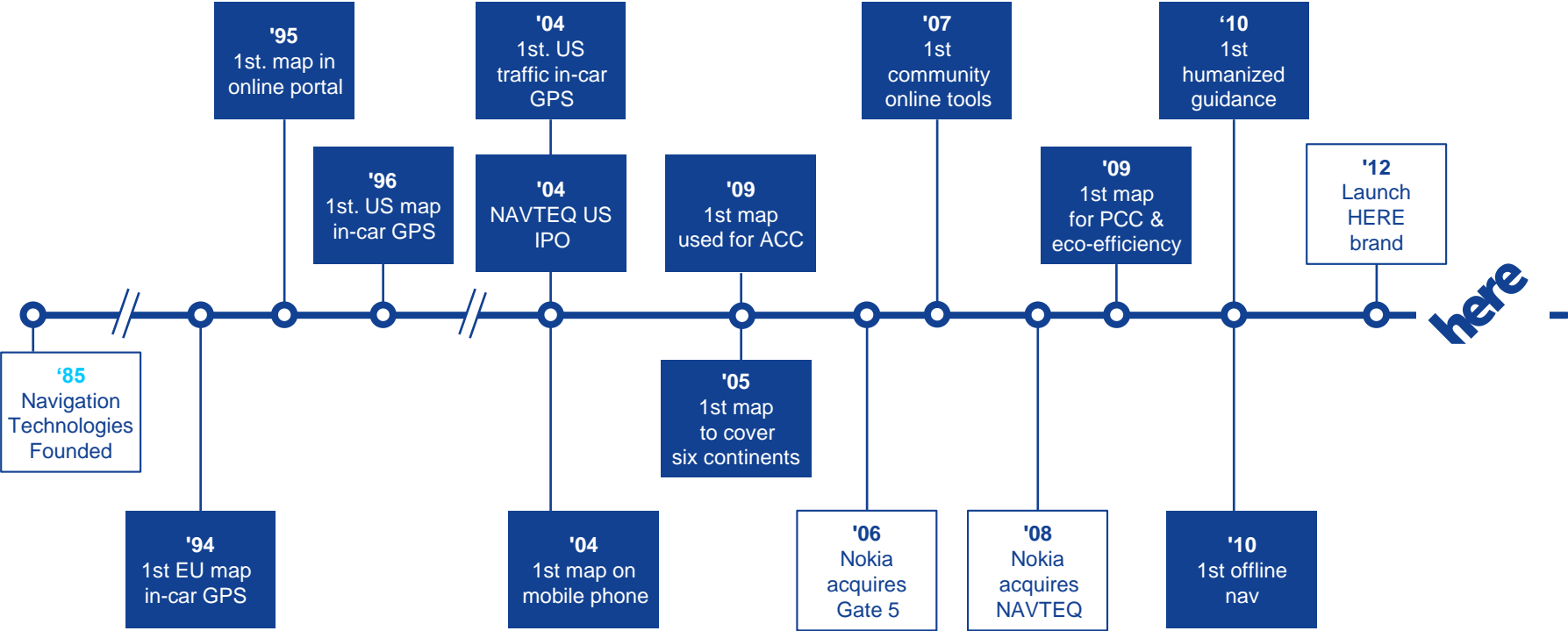
Enables **four out of five** in-car nav systems in North America and Europe



Enables mobile, web, and enterprise solutions for **global industry leaders**



Trusted innovation partner with deep industry knowledge



HERE & Esri Collaboration



- 1.** HERE and Esri have been collaborating for **over ten years**, delivering the best-in-class geospatial and navigation solutions across a variety of industries
- 2.** HERE is an **Esri Platinum Partner** and works closely with Esri product development teams, as well as sales and marketing organizations to produce **end-to-end solutions**
- 3.** **HERE Map Content** helps strengthen Esri for **winning key agreements**
- 4.** HERE is an **Enterprise (ELA)** user of Esri products, leveraging Esri tools to **help build precise and accurate databases worldwide**

Partner Offering HERE & Esri: Strategic Data Provider for Esri Platform



Business Analyst **ArcGIS for Transportation Analytics** **ArcGIS Mobile**

Esri Coder

MapStudio

Esri Business Solutions that leverage HMC in ArcGIS Online for geocoding/routing:

- Esri Maps for Office*
- Esri Maps for IBM Cognos*
- Esri Maps for SharePoint*
- Esri Maps for Dynamic CRM*
- Esri Maps for MicroStrategy*



ArcGIS Online
for Routing, Geocoding & Network Services
(HERE Real-Time Traffic, Traffic Patterns, Pedestrian)

StreetMap Premium

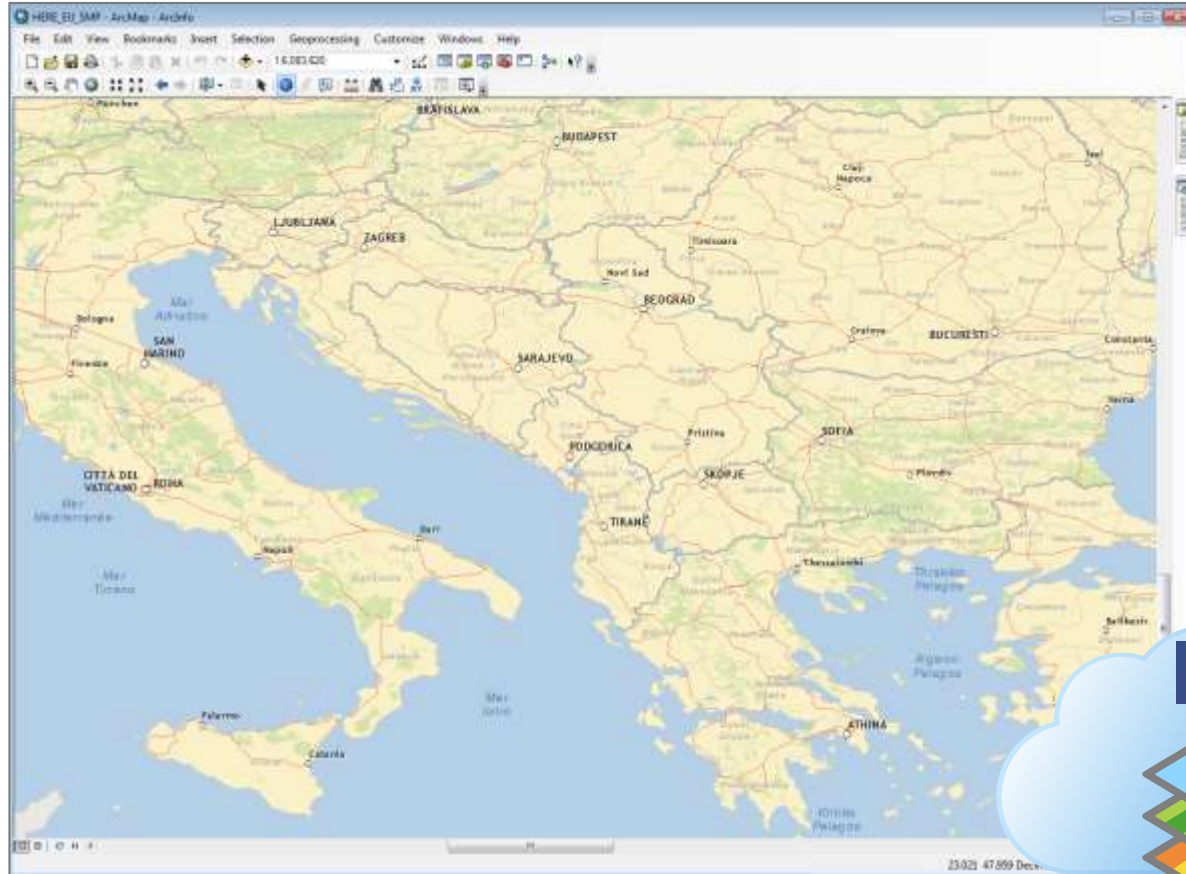
ArcGIS Data Appliance

StreetMap Premium for Mobile

Business Analyst Online

Esri Community Analyst

StreetMap Premium



Regional Products

- North America
- Latin America
- Europe
- Australia/New Zealand
- MEA
- APAC (Q3-2015)

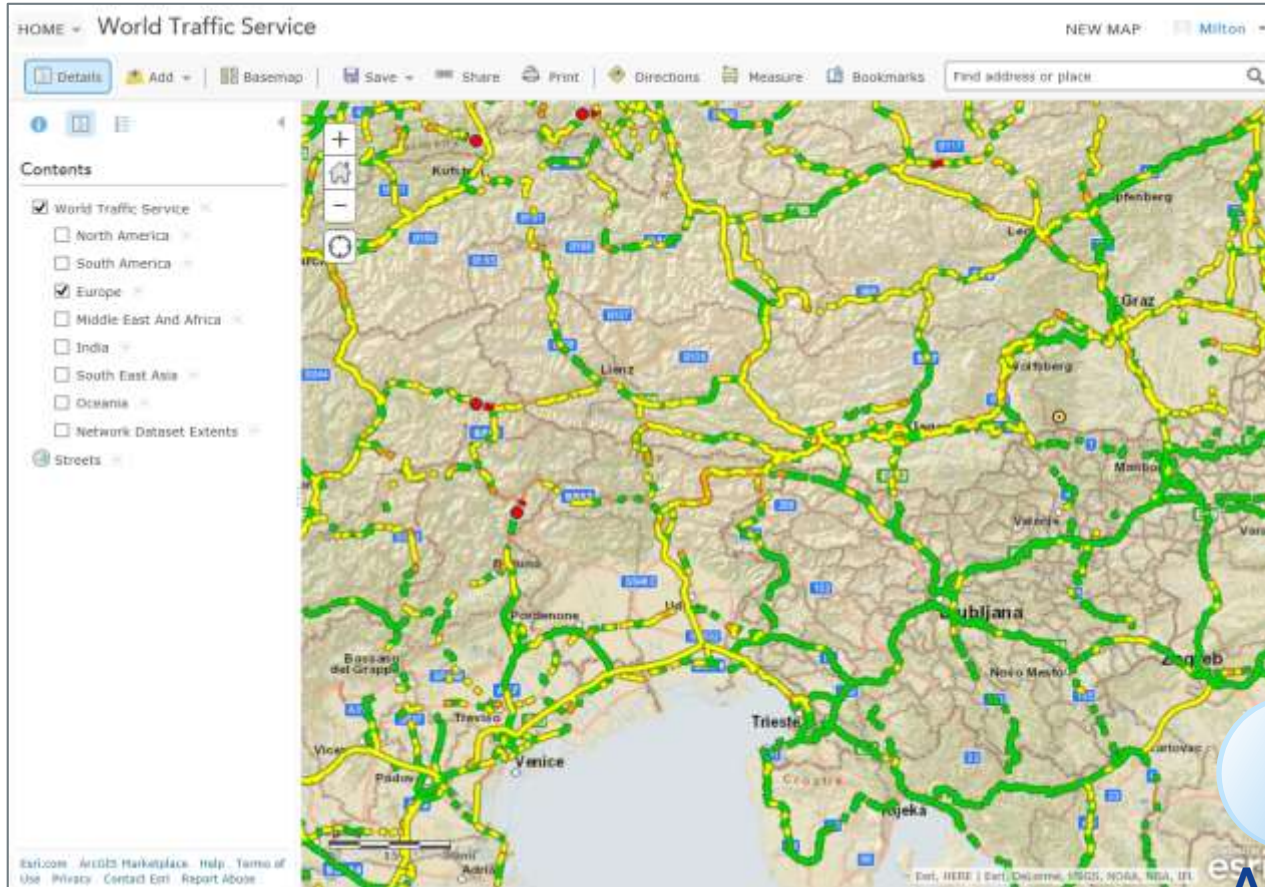
HERE Map Content

- Streets, POIs, Admin Boundaries
- Traffic Patterns
- Trucks
- Geocoding Locators built using HERE Point Addresses



ArcGIS





HERE Map Content

- Streets
- Admin Boundaries
- Traffic Patterns
- Traffic
- Predictive Traffic
- Pedestrian
- Geocoding Locators built using HERE Point Addresses



HERE Reality Lens in ArcGIS Online

DaaS for ArcGIS Online and ArcGIS Desktop

