

OSIsoft.

USERS 2013 CONFERENCE

The **Power** of **Data**

E M E A

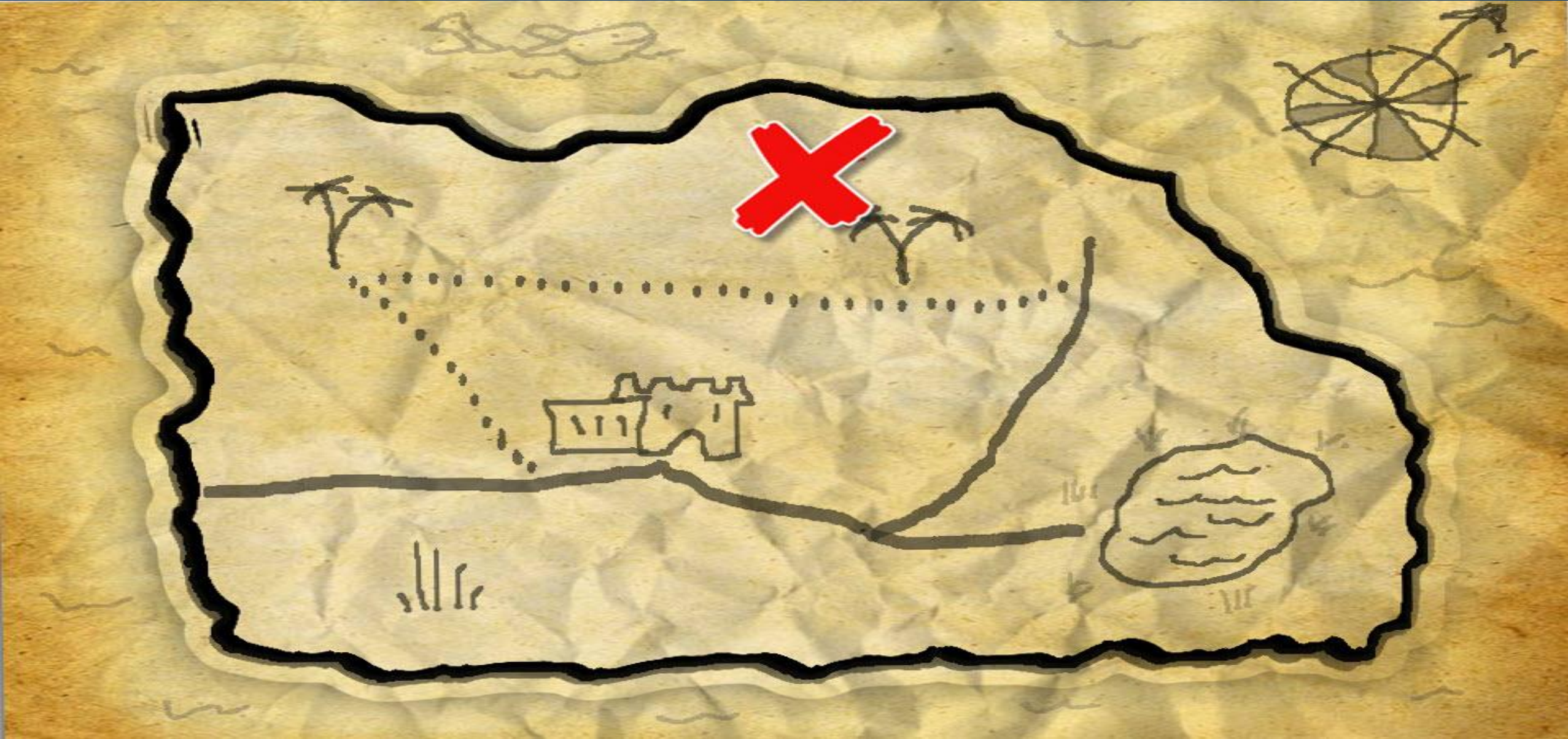


THRIVING IN A WORLD OF CHANGE



Power of Location

The Fusion of the PI System and ArcGIS



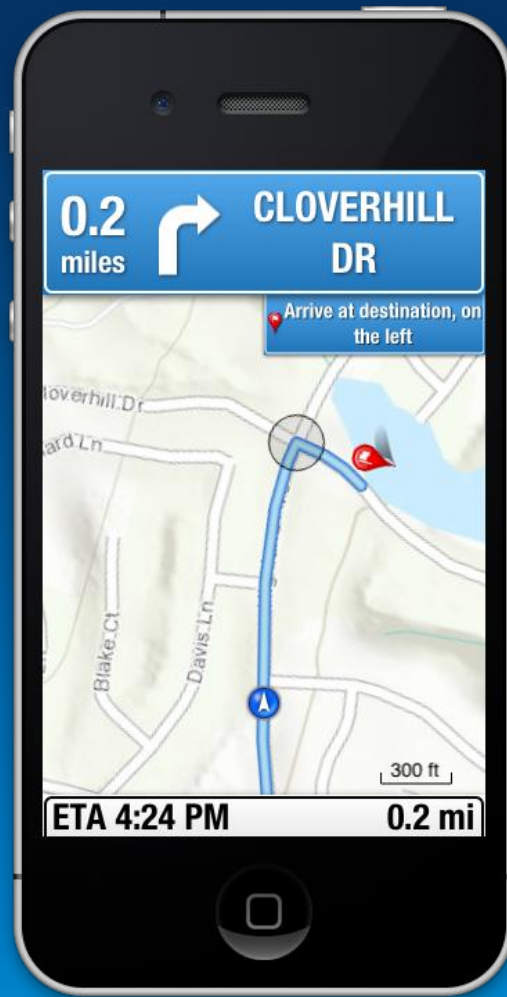
X Marks the Spot

The spot that can change your life



10 years ago..

Maps were still used the same way

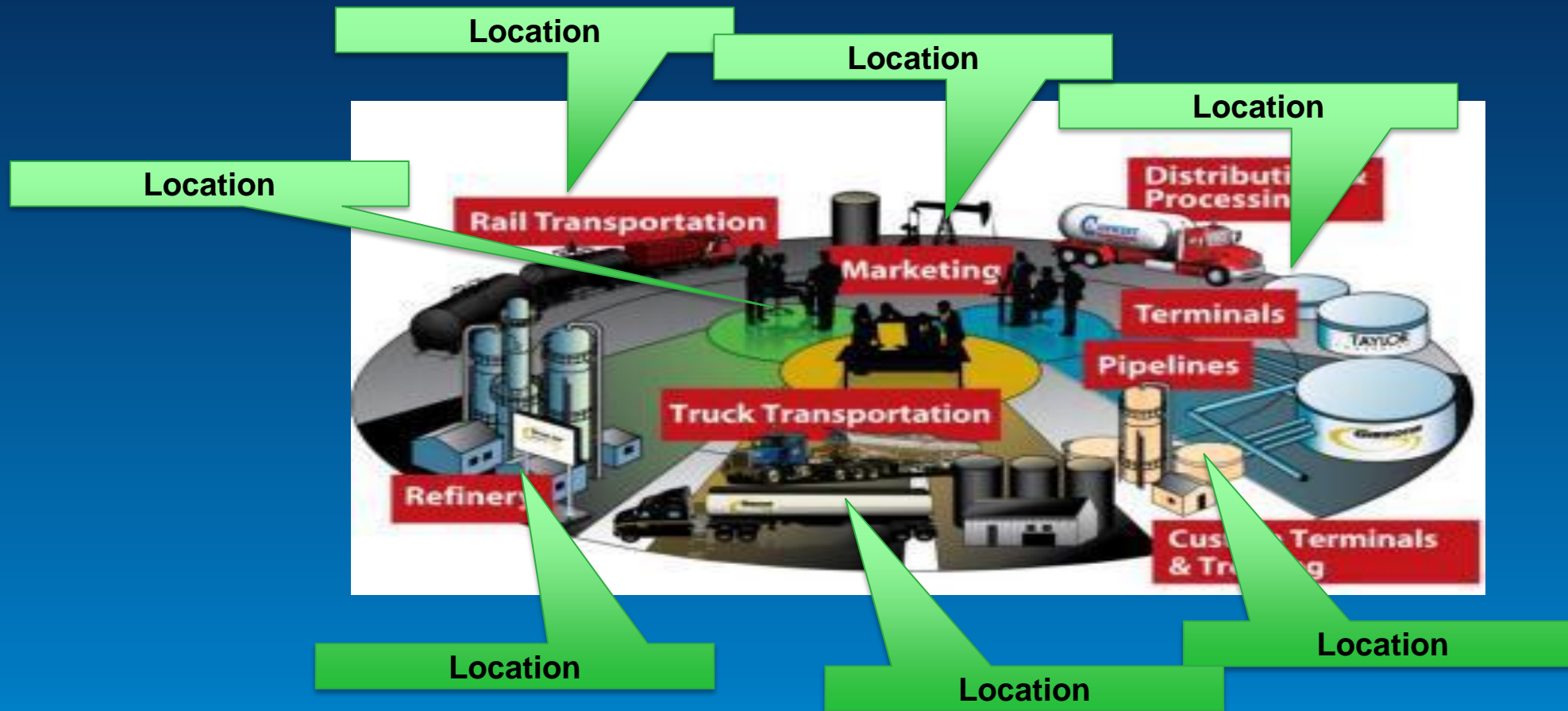


Today is Different

Maps and Apps help us understand location







Location Based

You are all Location based in some way



big data collections

sensor networks

social media

business systems

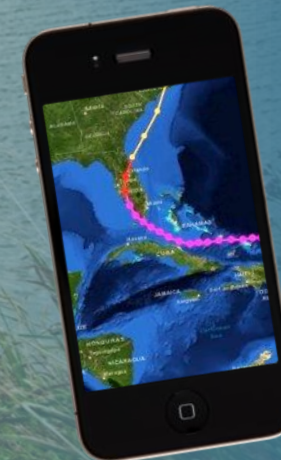
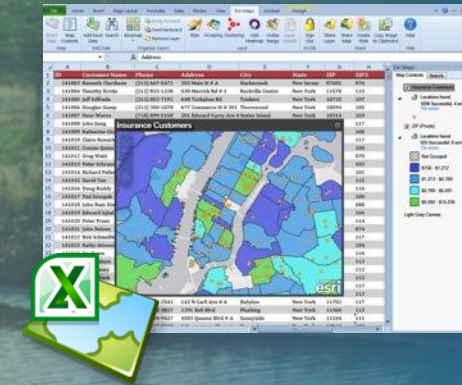
images / video

spreadsheets

analytics

web services

Information | from many source integrated, placed on a map, and analyzed based on location



People

- Are your staff empowered to use location?



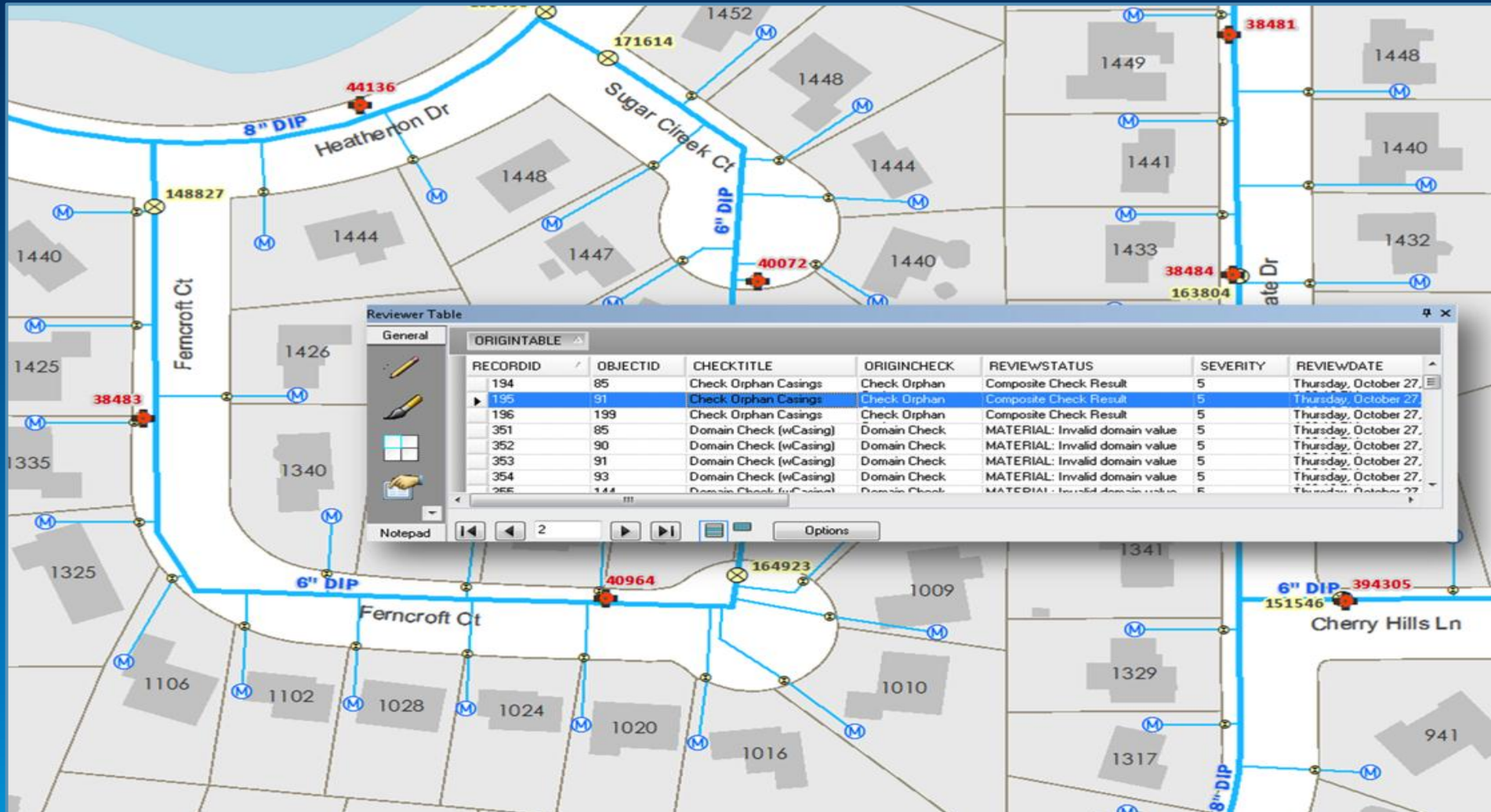
**Does your organization have a
location analytics strategy?**



THE TECHNOLOGY HELPED RESPONDERS AND
EMERGENCY MANAGERS CONDUCT RESCUE
OPERATIONS; PRIORITIZE MEDICAL NEEDS, IDENTIFY
SEVERELY DAMAGED AREAS, MEASURE IMPACTS TO
CRITICAL INFRASTRUCTURE, LOCATE AREAS SUITABLE
FOR FOOD AND WATER DISTRIBUTION, AND MORE

Proven Successful

Location has been used to deliver
business value



Critical Infrastructure & Assets | collecting, inventorying, and maintaining accurate records

Where are the uninsured?

A story map [f](#) [t](#)

Nearly 20 percent of Americans are without health insurance. While lack of coverage is a nationwide challenge, regional patterns are striking. Comparing patterns of those without insurance with factors like ethnicity and income hints at possible causes and effects.



UNINSURED

HISPANICS

INCOME

Explore the maps

Geographic patterns emerge when insurance data is viewed on a map versus in spreadsheets or graphs.

Click and zoom on the map to see data for your county.

[Find out](#) how healthcare organizations use Esri mapping technology.

Source: [Census Bureau](#). 2008 data

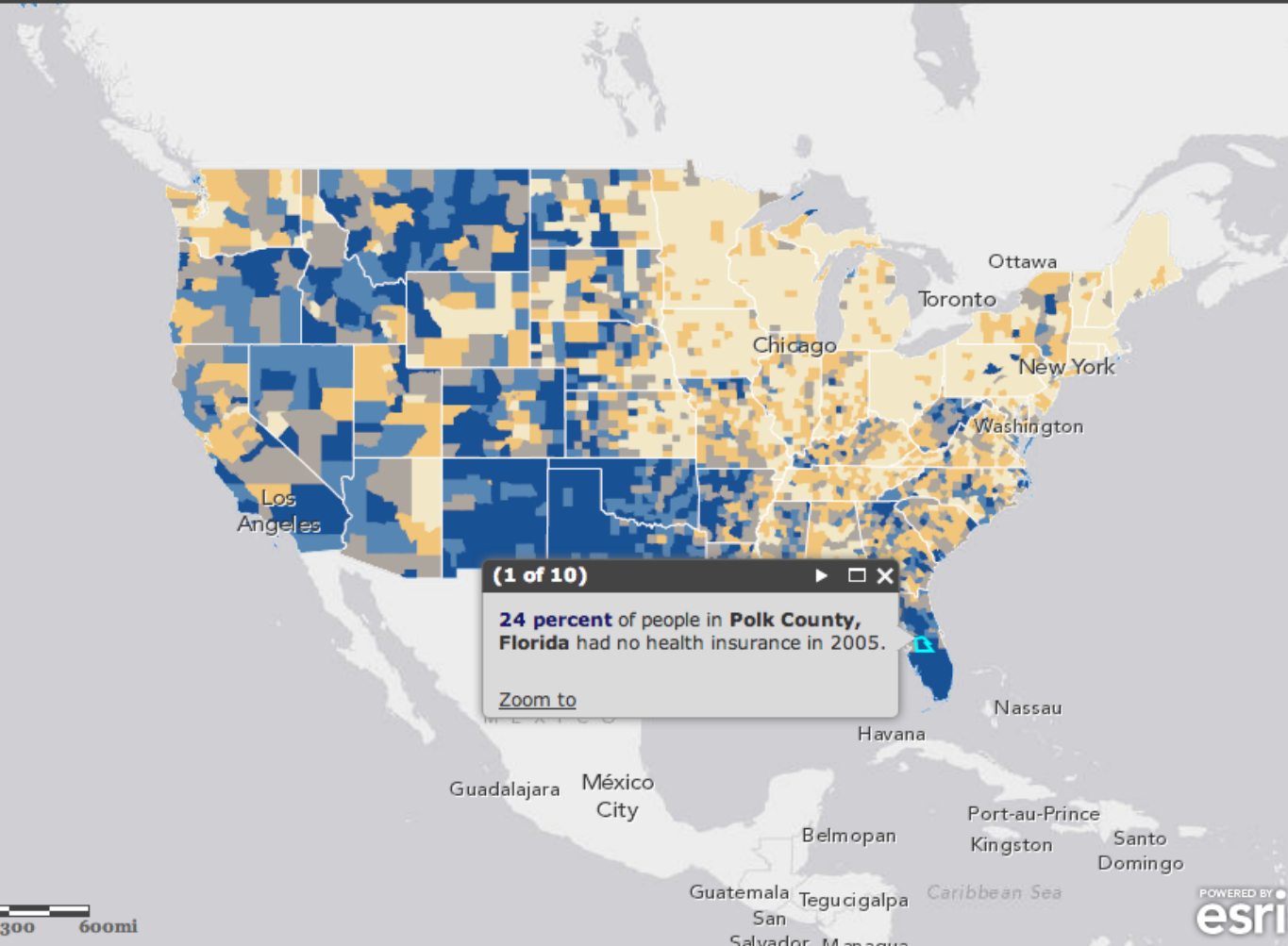
LEGEND

Percentage without Health Insurance by County

- Very High (More than 23%)
- High (20.1% - 23%)
- Average (17.1% - 20%)
- Low (14.1% - 17%)
- Very Low (Less than 14.1%)



0 300 600mi



POWERED BY
esri

Interactive | maps with an intuitive user experience used to convey information

Hurricane Sandy: The AfterMap

Drag the line to explore storm damage through before and after imagery.

Find Address

Bookmarks

Pre-Hurricane Sandy Imagery

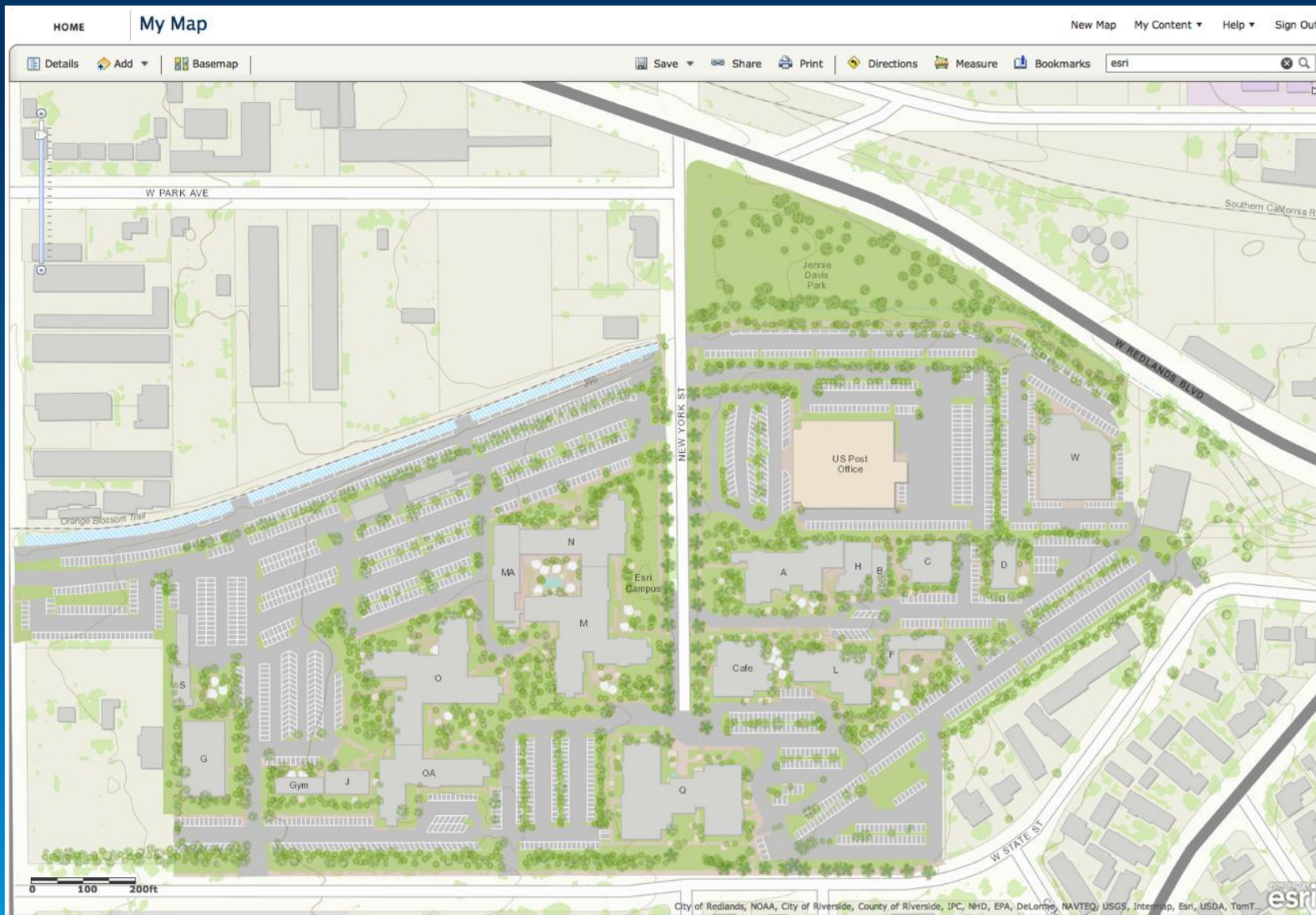
MAP LEGEND

NOAA Imagery for Sandy

MAP LEGEND



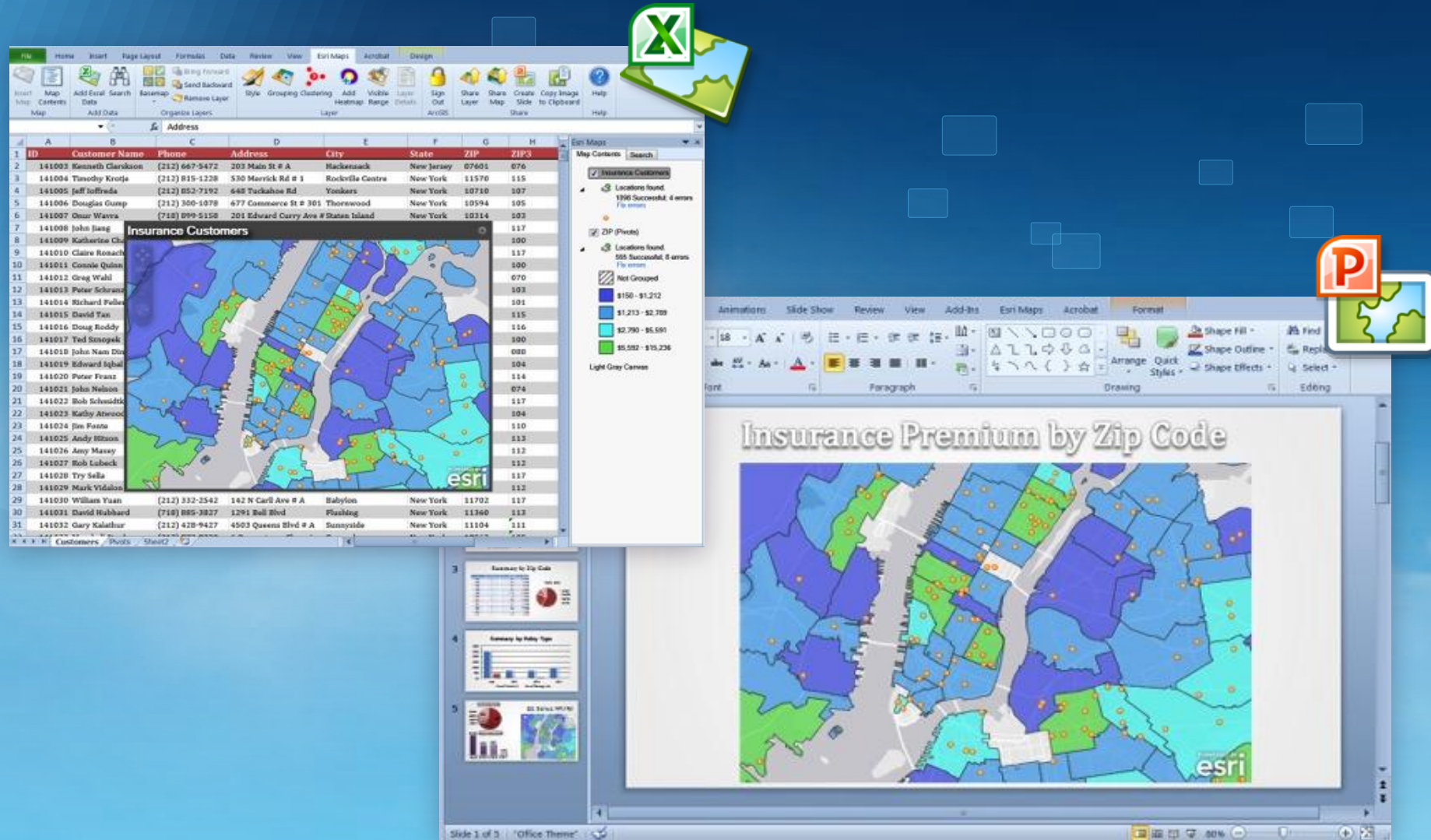
Exploratory | maps enabling people to explore and process data for themselves



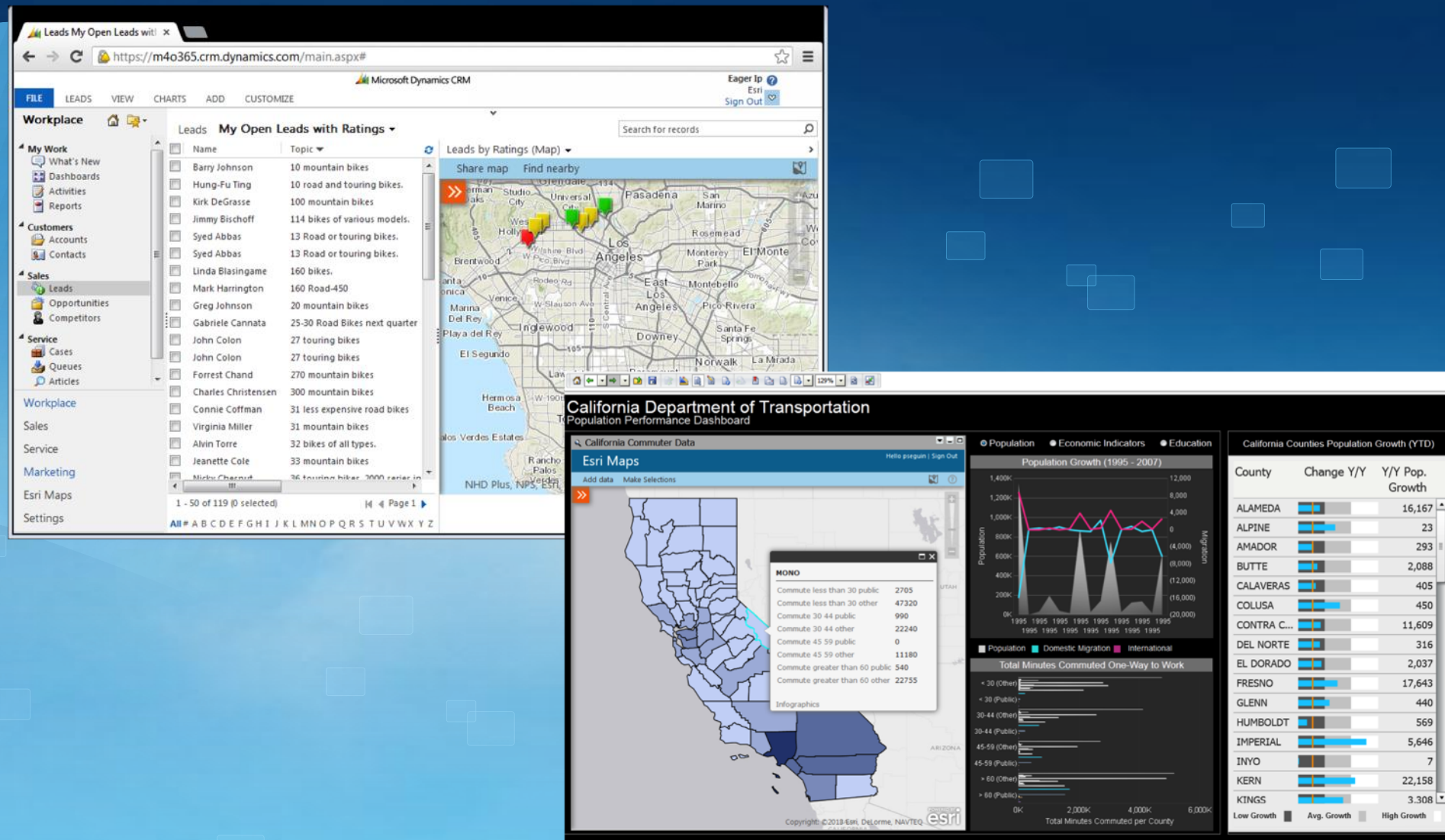
Relevant | information about the current location and triggering action in other systems



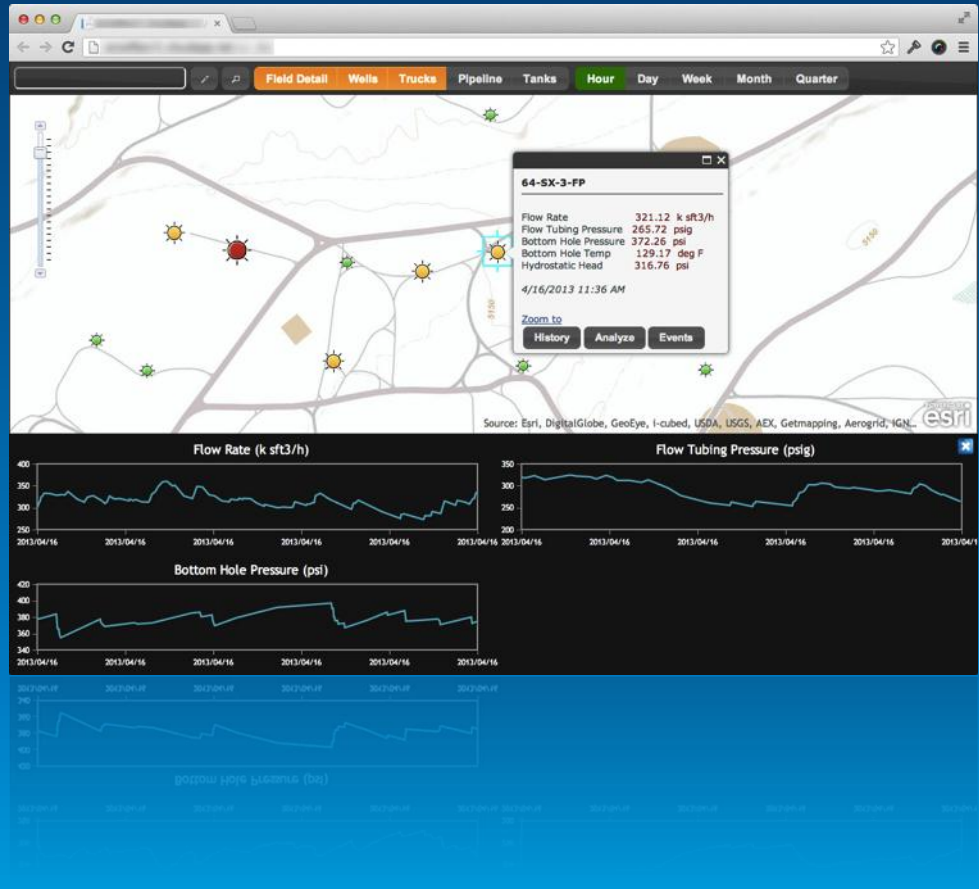
Geographic Insight | that reveals patterns and trends in the data



Accessible | inside the productivity apps that people already use



Embed | maps and location insight inside business systems like CRM, ERP, BI, CMS...

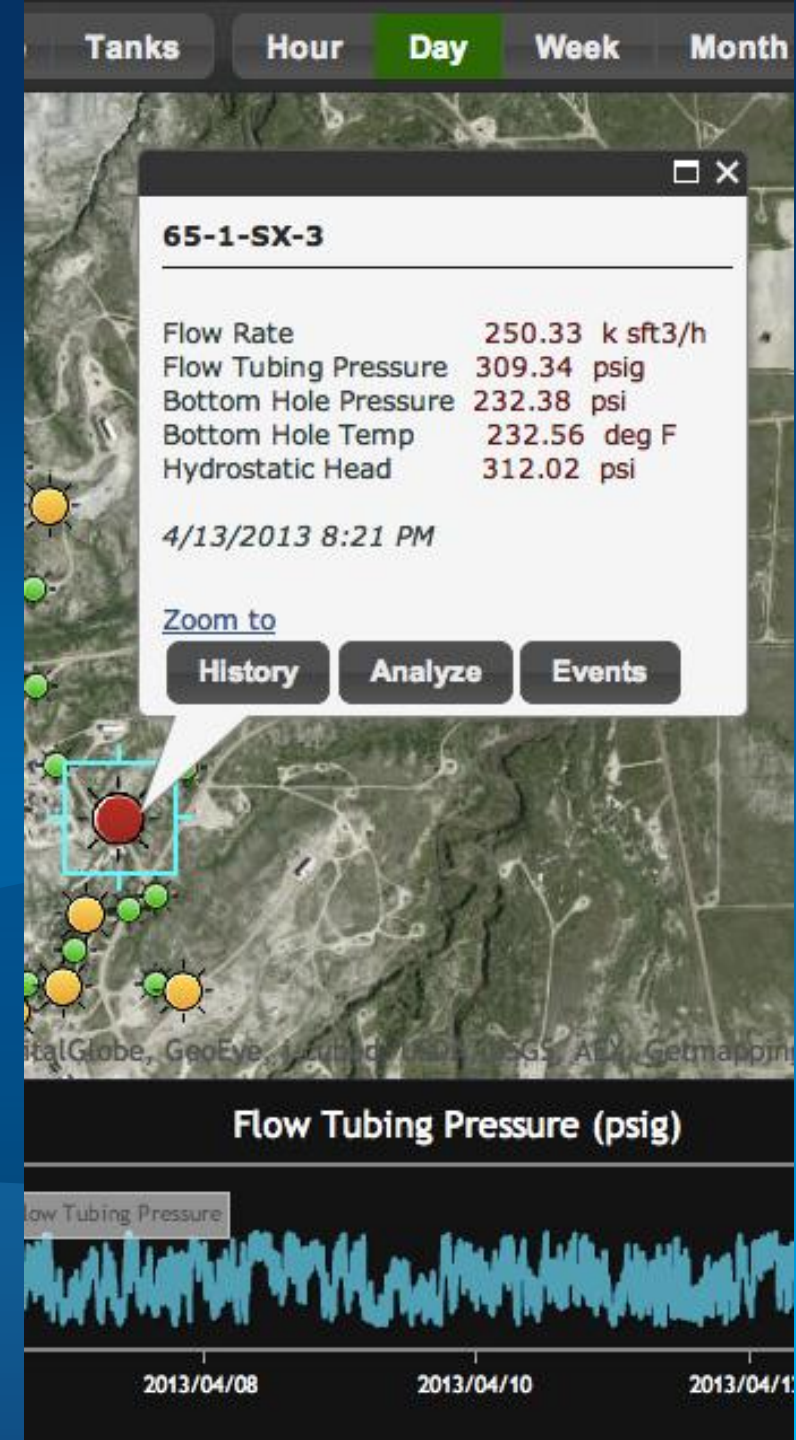


Extend | Bringing Location and Time Together

Demonstration

Converging Worlds

Mr. Robin Hagemans
Manager Grid Information and Control
Alliander



Key Figures of Alliander



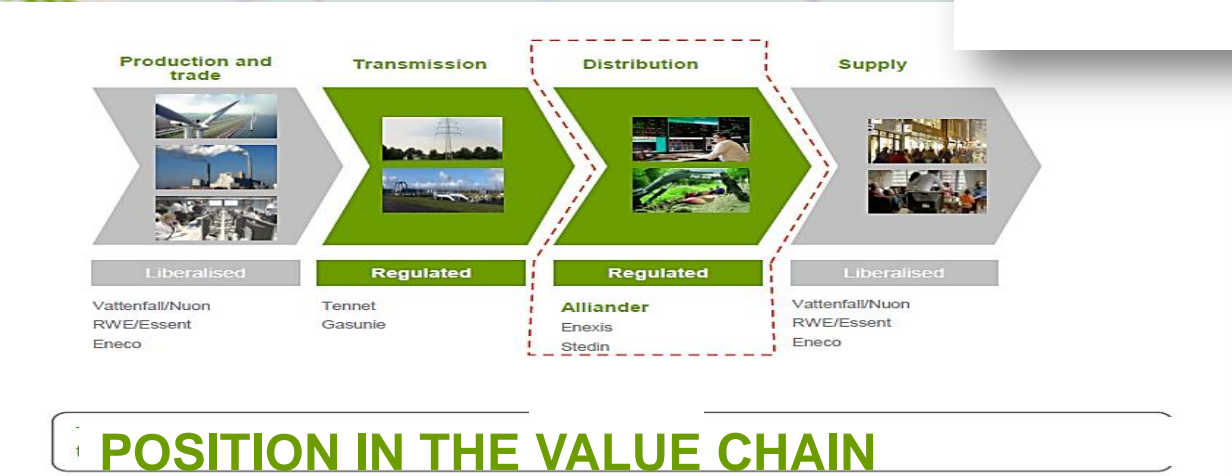
LARGEST ENERGY GRID COMPANY IN THE NETHERLANDS

ELECTRICITY & GAS

Security of Supply
Efficiency of Assets
Facilitate Energy Transition



Customers	
Million	Marketshare %
3,4	37%
Revenue	Employees
€ Billion	FTE
1,6	6.800
Annual outage	
Electricity in minutes	20,4
Gas (Liander) in sec	35
Gas (Endinet) in sec	67



POSITION IN THE VALUE CHAIN

Drivers & Challenges

allander

**Energy World is
changing rapidly**

**Facilitate the
Energy Transition**

**Integration of
IT & OT**

**Focus on Real Time
Dependency**

**Change of the
Operational Chain**

**Geospatial & Topology
Based Solutions**

Decisions from Converging Worlds

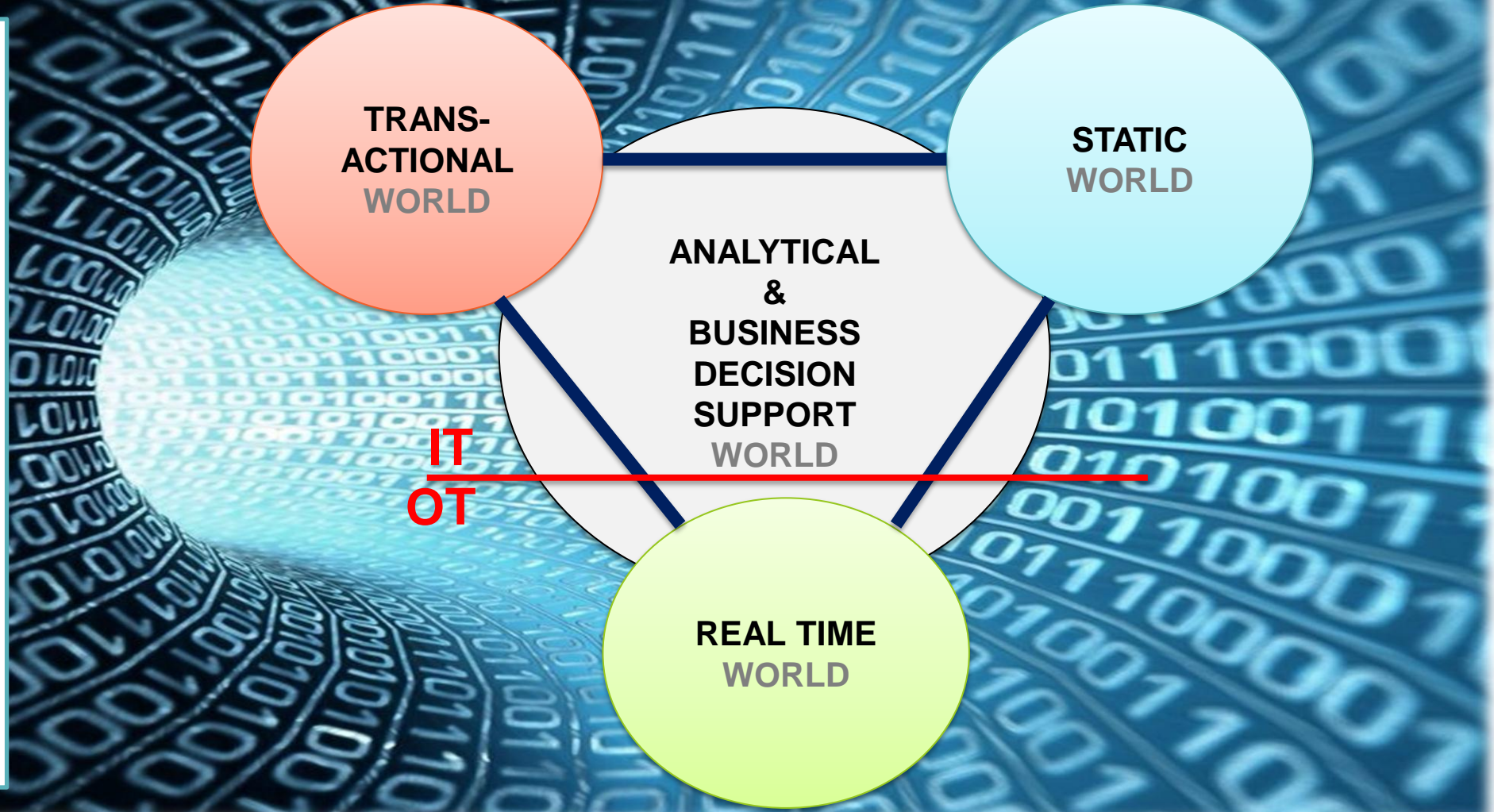
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DATA STRATEGY

IT & OT
based
Application Stack

Real Time
Decision Support

Visualization is Key



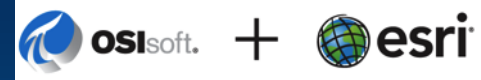
Centre of Excellence for New Energy Concepts



- Istrumentation
- Iinterconnection
- Iintelligence
- Iinnovation



Begin connecting the dots today...



- Try it out for yourself – v-camp.us/ucdemo-site
- Join the conversation – [OSIsoft Users Community](#)
- Download the source – v-camp.us/ucdemo
- Get ArcGIS Online – arcgis.com

Be part of the conversation on v-campus and our social media communities

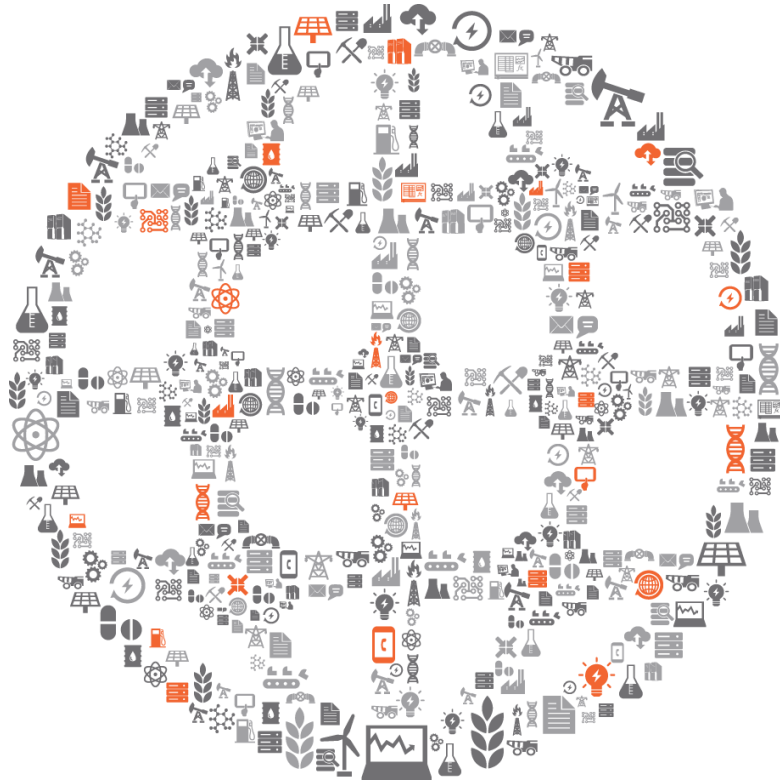
Space & Time

to enable the people in your organization to make better decisions





Understanding our world.



OSIsoft.

USERS 2013 CONFERENCE

The **Power** of **Data**

E M E A



THRIVING IN A WORLD OF CHANGE