



ESI Serving Our Users

Advancing GIS and Spatial Literacy

Products

Education

Support

Esri Press

Services

Governments, industry leaders, academics, and nongovernmental organizations (NGOs) trust us to connect them with the analytic knowledge they need to make these critical decisions that shape the planet.





Desktop

Online

Portal

Content

Apps

Server

ArcGIS Platform

An Integrated System



ArcGIS

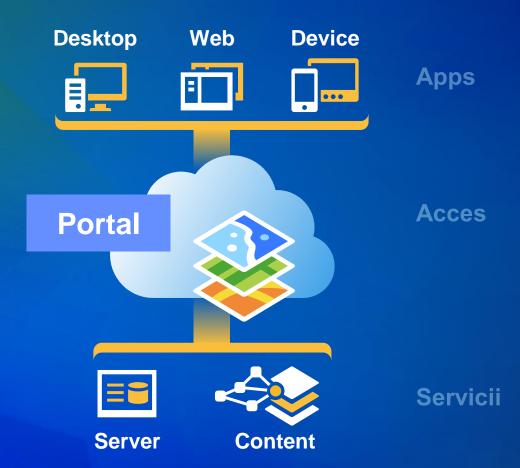
Integrated Web Platform

Discover, Use, Create and Share Maps on Any Device Anytime, Anywhere

Simple

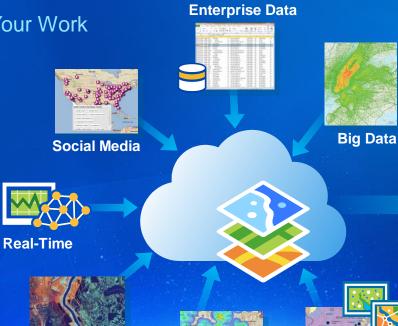
Open

Configurable



Web GIS Integrates All Types of Information

Organizing and Sharing Your Work

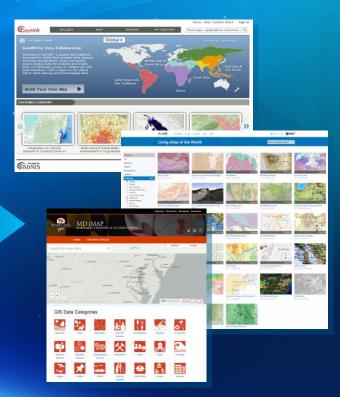


Web Maps and Services



Imagery

Portal



Interoperability

Ensuring Data and System Interoperability

Standards

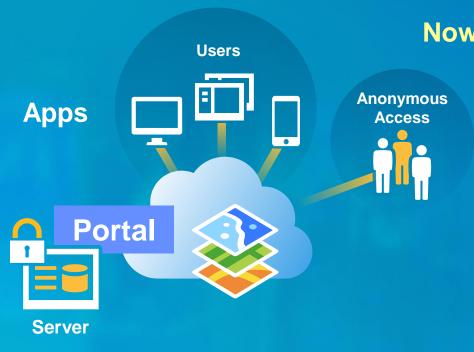


Industry Formats and Models



Server

Enterprise GIS in Your Own Infrastructure



Now a Web GIS

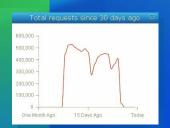
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Improved

- Scalability and Quality
- Authentication (SAML)
- Active Directory Support

New

- Portal (Included)
- Custom Roles
- 3D Services
- Real-Time Services



Monitoring Tools



Improved Server Experience

Providing Geodata Management, Analysis, and Mapping

Portal

On Premise Web GIS



Providing Mapping, Analytics, and Content

- Across the Organization
- Always Available
- Massively Scalable





- User Experience
- Mapping
- Analytics
- Management
- Security

Management





Custom Roles

Related Tables

Certification



Desktop



- Unlimited Web Mapping
- Data Hosting
- Living Atlas
- Many Apps





Platform Themes

Imagery Cloud Apps Enterprise Integration Interoperability Usability

Real-Time

Supporting Geographic Monitoring and Alerting

- Many Sensors
- Spatial Analysis
- Stream Service
- Big Data
- OSIsoft Integration



Arctic Shipping and Sea Ice

Exact Earth

GeoEvent Extension

OSIsoft Dashboard

Big Data









"This partnership will bring significant value to our mutual customers, allowing them to visualize and analyze their operations geographically in real-time at unprecedented levels of detail and scale."

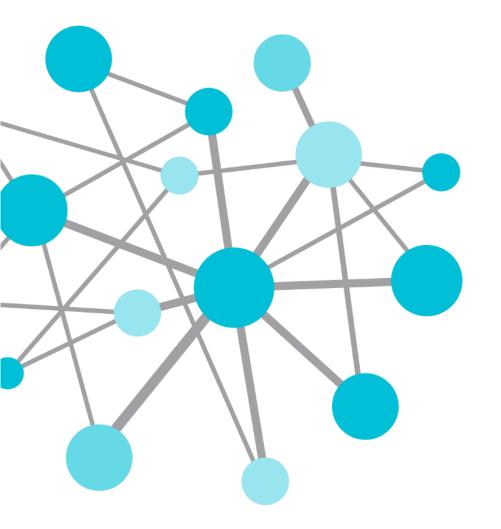
J. Patrick Kennedy – OSIsoft CEO

"By bringing together ArcGIS and the PI System, customers will not only know where things are but what they are doing in real-time.

By displaying real-time and historical information on a map, our customers will unlock opportunities in their data not previously visible."

Jack Dangermond-Esri CEO





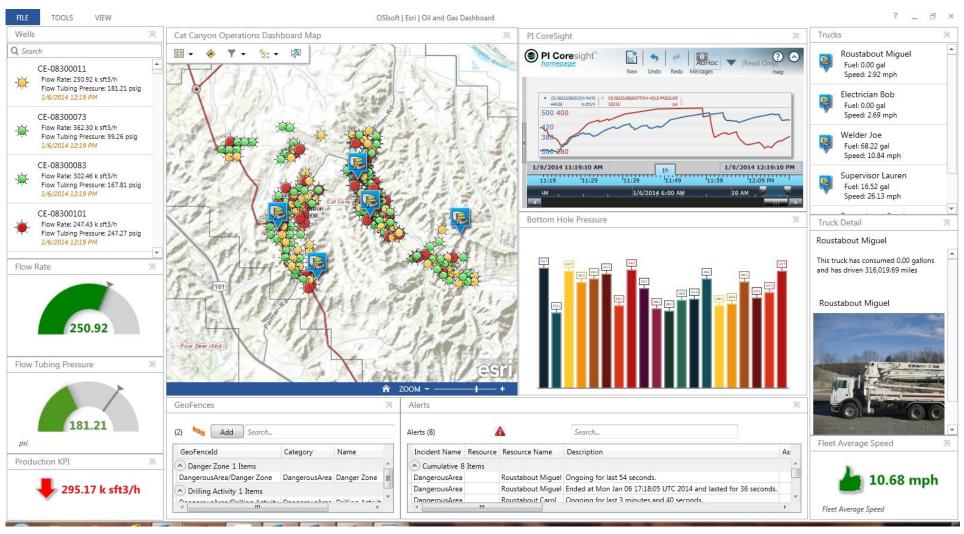
Connecting Space and Time OSIsoft & Esri

Which of these describe your need?

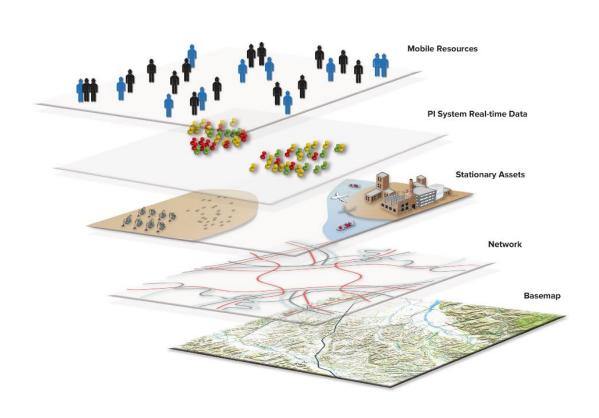


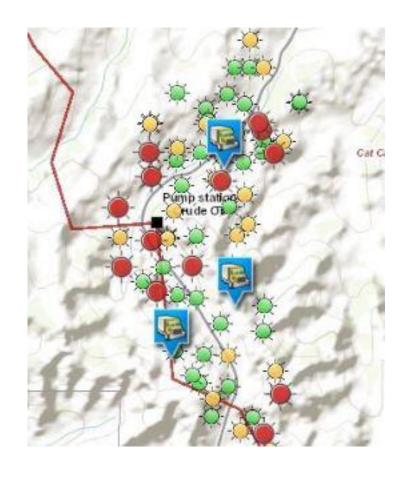
- Operating Engineers & Analysts
- Environmental Heath and Safety
- Maintenance Coordinators
- Planners
- Managers & Executives

Bring your Maps to Life

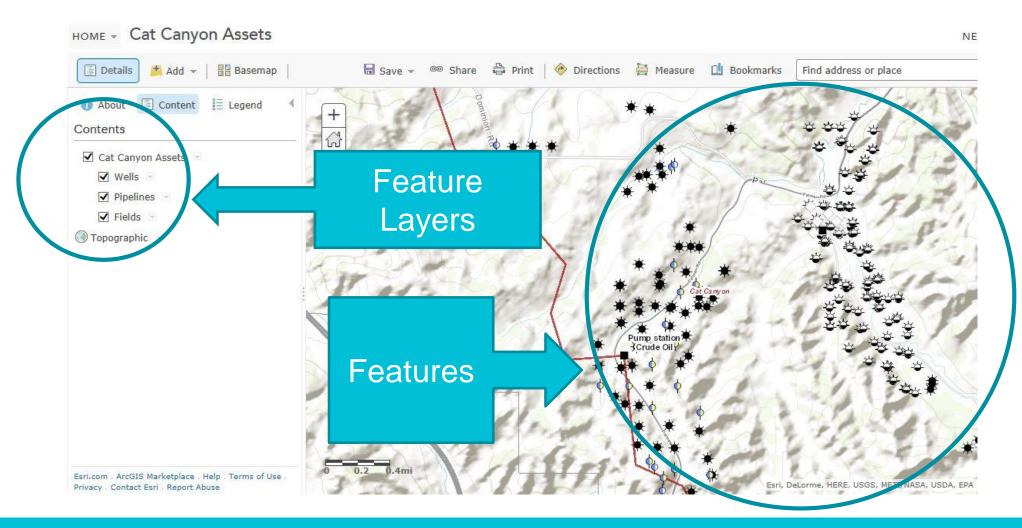


Why are layers important

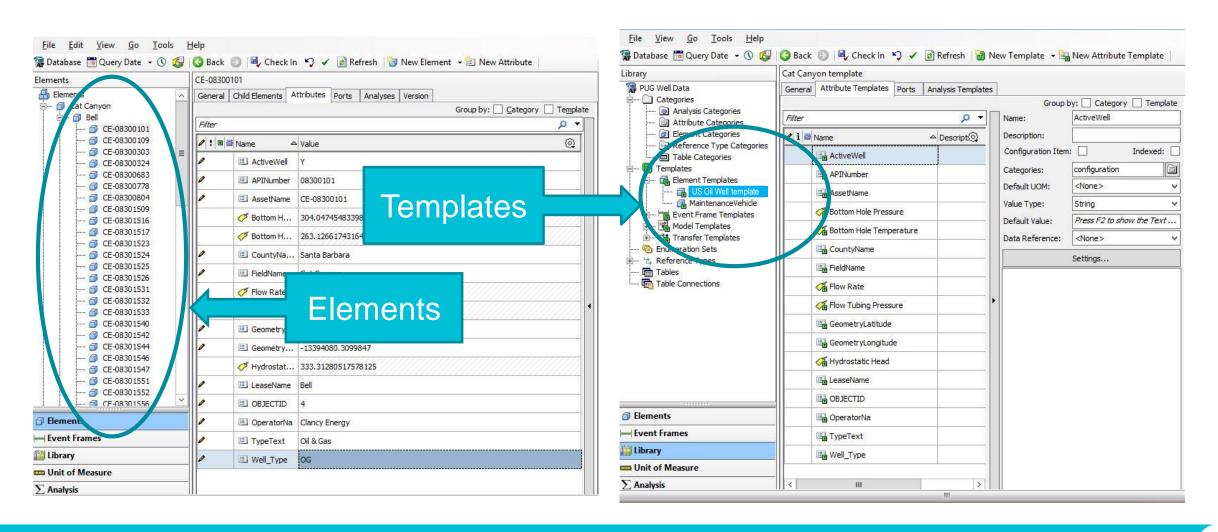




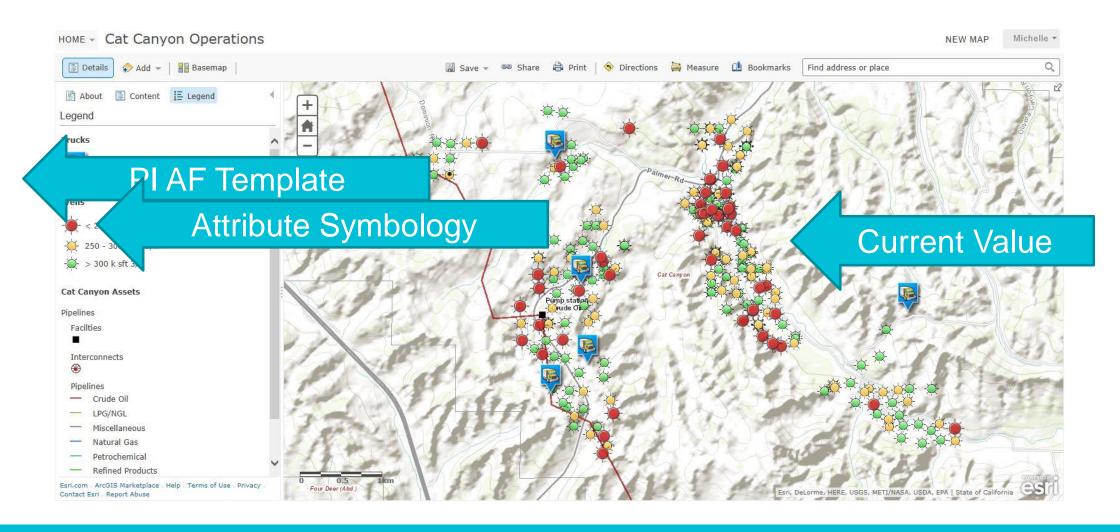
What's on a Map



What Data is in the PI System?

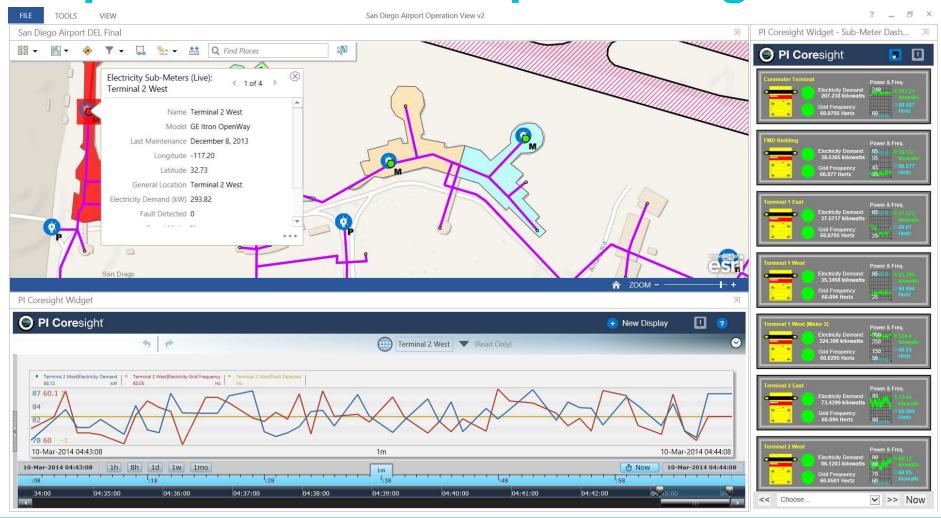


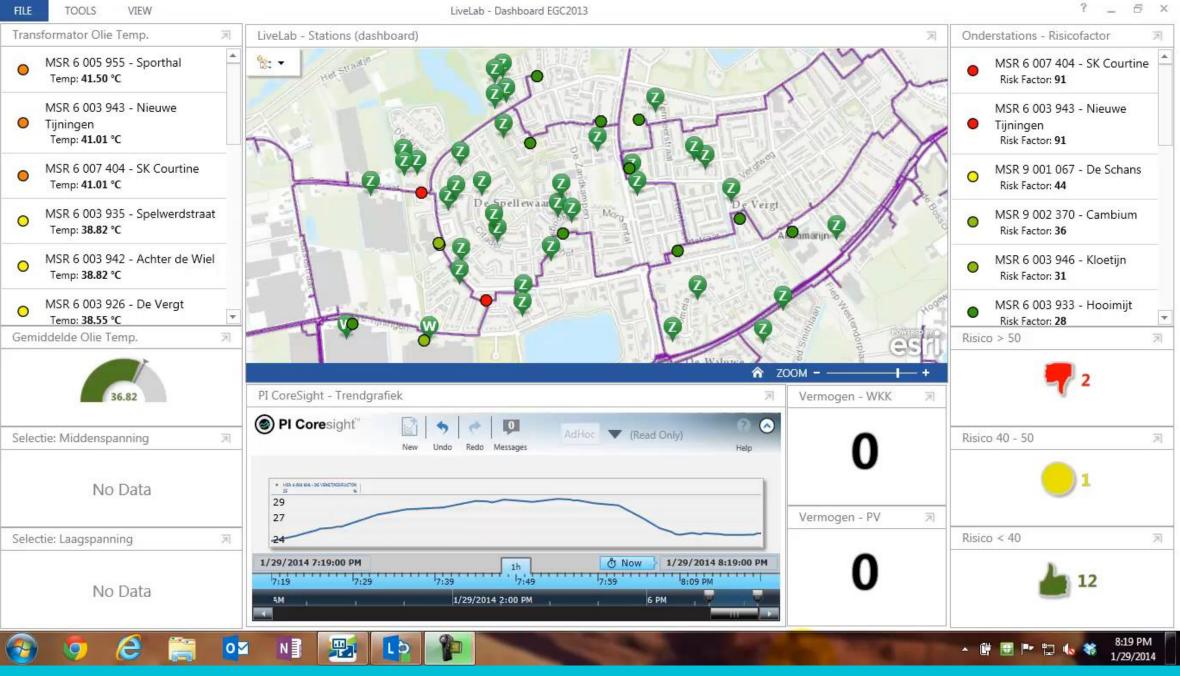
PI System Data Animates the Map

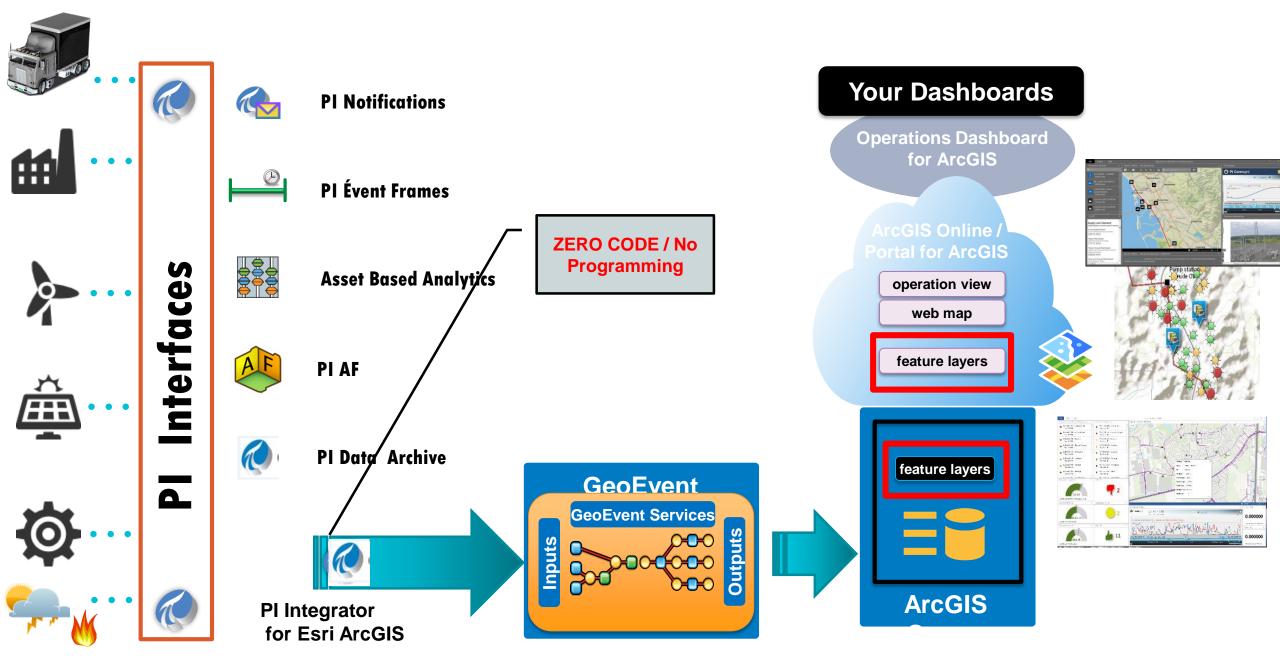


Esri Operations Dashboard:

Mash Up PI Tools with Maps & Widgets





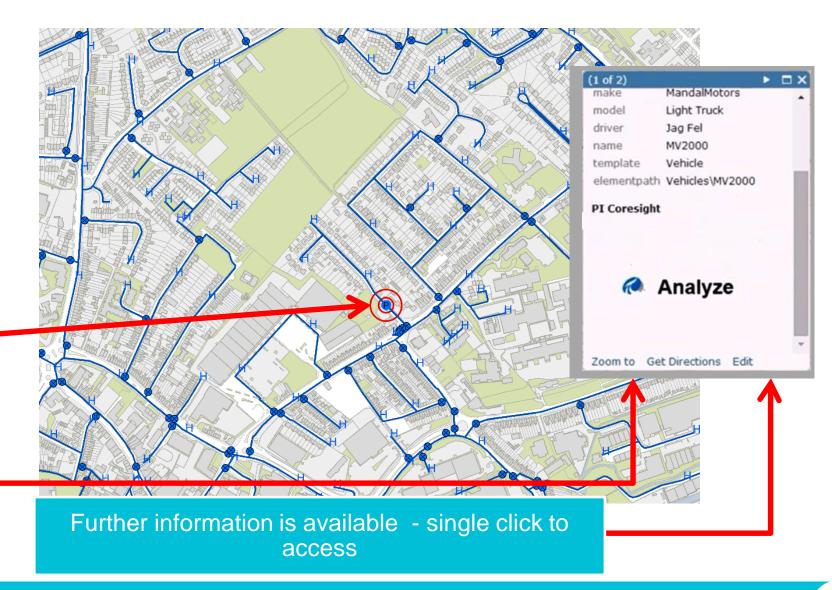


Integrated Real-time Information



Operator clicks on the Asset on GIS display

Real-time information from the PI System for this Asset is displayed



Esri Map Extractor

- Concepts
 - Map Features can represent a PI AF Element
 - Feature Layers can be represented as PI AF Template
- The Map Extractor builds AF templates and elements from features on a map

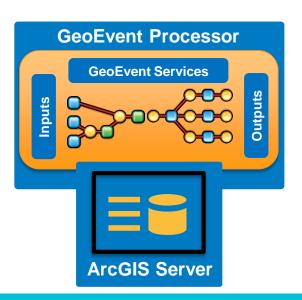
Cloud Architecture







PI System



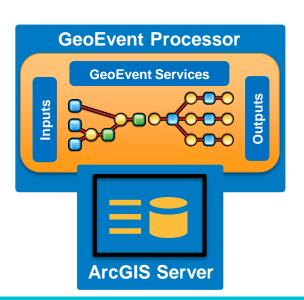
On Prem Architecture





PI Integrator for Esri ArcGIS

PI System



Requirements

PI Server 2014

Geo Event Processor 10.2.1



Operations Dashboard for ArcGIS

ArcGIS Online / Portal for ArcGIS

operation view

web map

feature layers

ArcGIS Server 10.2.1



for

Esri ArcGIS