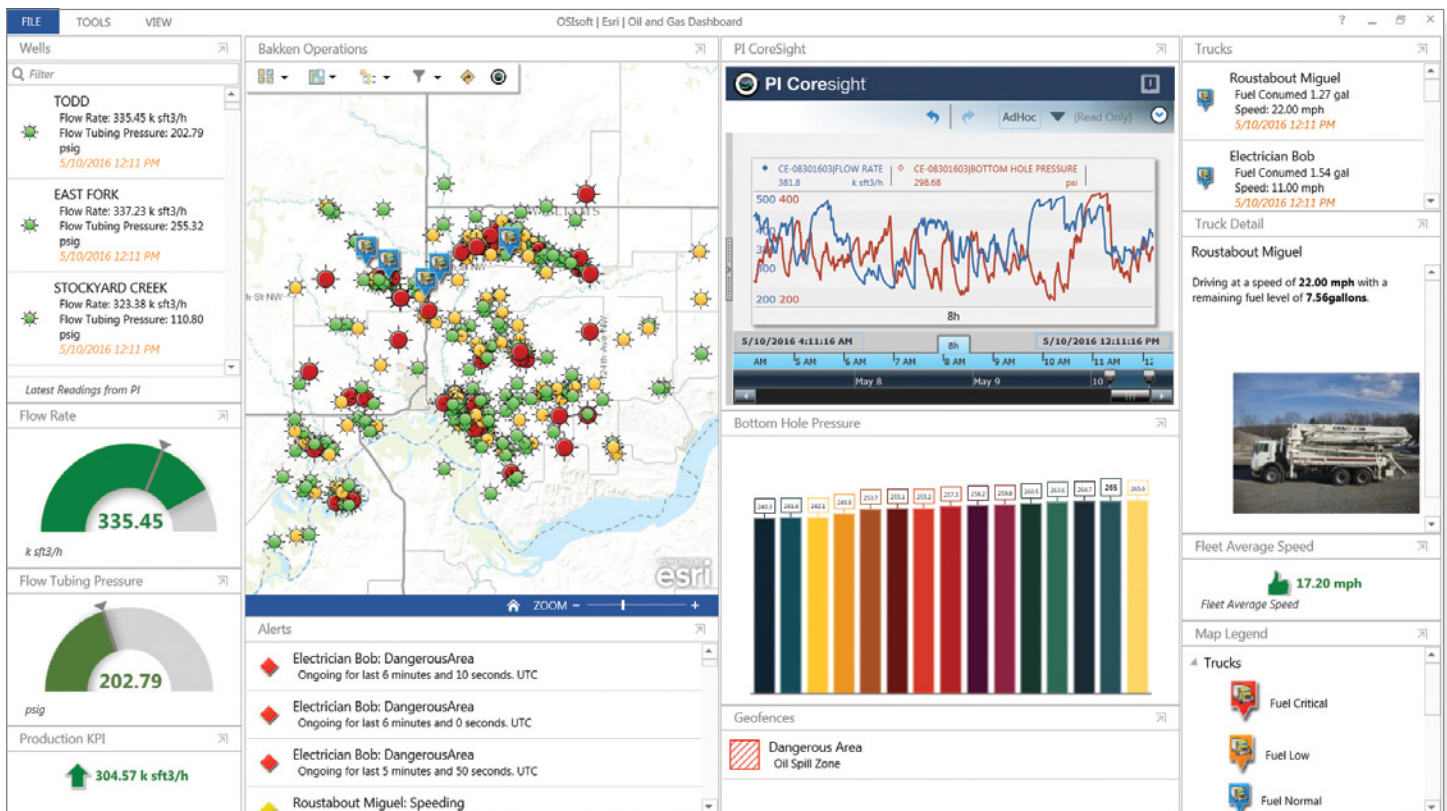


Throughout your organization, there are stationary and mobile assets that generate data like temperature, pressure, and voltage every second of every day. Each of these assets has another key data point — location. However, viewing both real-time AND geospatial data about your assets often requires using separate applications. What if you could easily take all the asset data that you are collecting, analyzing, and viewing today with your PI System™ and put it on a map?

Now you can...



OSIsoft, a leader in industrial sensor-based data, has partnered with Esri®, a industry leader in Geographic Information Systems (GIS) technology, to deliver a new capability that brings space and time together.

Combining the visualization and geanalytics of the Esri ArcGIS® platform with the real-time data infrastructure delivered by the OSIsoft PI System, the PI Integrator for Esri ArcGIS gives enterprises a new way to understand and share data. The PI System with Esri ArcGIS delivers the infrastructure to view real-time and historical operational data within a geospatial context. By taking physical location into account, your operational data becomes more complete, has more context, and provides new levels of understanding throughout your business. While the rich operational context of your sensors, control systems, and calculations enhances your GIS analysis, providing up-to-the-moment status information of operations and infrastructure for real-time situational awareness.

Using real-time data on a map to make actionable decisions has become second nature in our personal lives. Now, with the PI Integrator for Esri ArcGIS you can harness the power of geospatial context-driven data for your business. With the OSIssoft-Esri solution:

- Maintenance Engineers & Coordinators can monitor assets and react to alarms and notifications using map-based navigation. With this capability, issues can be highlighted geographically. Maintenance schedules can be built using filtered views of the assets on a map. Supporting information such as average flow rate, average temperature, and runtime hours will be more accessible to planners.
- Field Technicians can receive real-time proximity alerts as they approach field assets. Using their mobile devices, technicians can see asset status and access real-time high fidelity asset data – saving time.
- Operation Engineers & Analysts can simultaneously compare operating conditions across geography and through time. Identifying opportunities to streamline processes, workflows, and equipment.
- Environmental Health & Safety Teams can proactively define a safety boundary around assets and be notified if a person or asset crosses the boundary. They can also be more efficient in reactions to EH&S excursions to identify who or what might be at risk when a problem occurs.
- Planners can analyze assets and their environment to determine where, when and how to deploy new assets or decommission existing ones.
- Managers & Executives can see aggregate and roll-up calculations to quickly view key performance indicators of production values, risk profiles, or market data.

The PI Integrator for Esri ArcGIS is the easiest and most scalable way to build a real-time operational data layer on your ArcGIS maps. Together OSIssoft and Esri are transforming the way people interact with their data, giving them powerful tools to transform their business. To find out more about using the OSIssoft PI System with Esri ArcGIS to combine data and geographic information, please visit www.osissoft.com/corporate/gis or contact esri@osissoft.com.

