

Esri Partners Make Cities, Ports, and Events Run Smoothly

Esri partners are breaking fresh ground with ArcGIS implementations that span countries, industries, purposes, and capabilities. From creating a city's comprehensive master plan and instituting enterprise GIS at a critical port to building apps for a big event and making street-level imagery more accessible, the organizations that make up the Esri Partner Network do extraordinary things with location intelligence and advanced spatial analytics. Check out some recent projects to get just a taste of what working with Esri partners can ignite.



Port NOLA Enters a New Era with Enterprise GIS

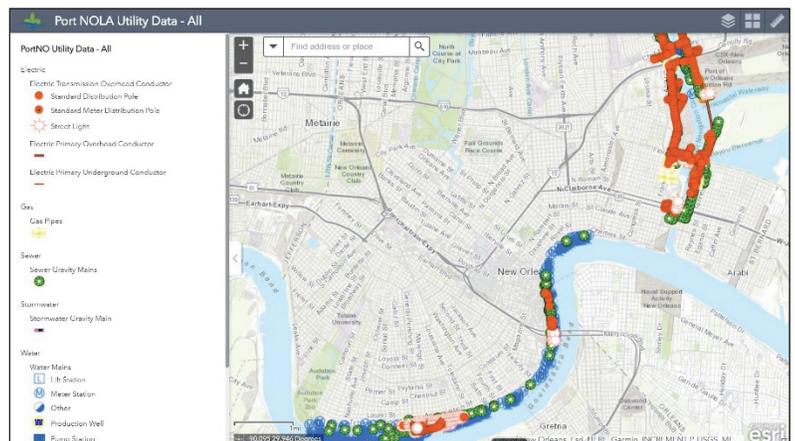
The Port of New Orleans (Port NOLA) in Louisiana is a modern multimodal gateway for global commerce and an in-demand cruise port that delivers seamless, integrated logistics solutions among river, rail, and road. As one of the United States' most intermodal seaports, Port NOLA has been experiencing tremendous growth in the cargo and cruise industries, which has put additional demand on aging infrastructure.

In April 2017, the port embarked on a plan to implement enterprise GIS for its critical infrastructure. But it needed technical assistance with developing, integrating, and maintaining the technology. Port NOLA solicited proposals and chose **Environmental Science Services, Inc.** (es2-inc.com)—known as Es²—to set up ArcGIS Enterprise, which Port NOLA is now using to support its mission to drive regional economic prosperity by maximizing the flow of international trade and commerce.

With enterprise GIS, Port NOLA can now analyze complex operational and land-use questions and make truly data-driven decisions—something that would not have been possible before implementing GIS. Previously disparate data sources are now combined and analyzed to identify gaps in the data.

“GIS is enabling more efficient management of critical infrastructure and analysis of key issues facing the port,” said Amelia Pellegrin, Port NOLA’s director of sustainable development. One of the most pivotal components of this project was that Es² deployed GIS in the field. The Esri partner used Collector for ArcGIS and Suvery123 for ArcGIS to develop configured apps that employees in the port’s maintenance and operations departments can use to increase their efficiency when conducting inspections, performing maintenance, and making repairs. Es² also employed Web AppBuilder for ArcGIS to develop web-based apps that real estate management personnel now use to inventory all available Port NOLA properties. Not only does this help them manage the port’s current assets, but it also enables them to analyze properties that could potentially be acquired.

Enterprise GIS is already demonstrating its value for solving operational problems within the port’s existing footprint, and its potential for evaluating expansion opportunities is limitless. With ArcGIS Enterprise now in full use, Port NOLA has launched a new era of modernization and efficiency.



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