

Location-based solution helps utilities and government agencies coordinate public infrastructure projects



Envista delivers a web-based solution powered by NAVTEQ data and customized using ADCi services to coordinate the planning of infrastructure construction and repair projects.

Challenge

The job of coordinating projects among various organizations building and maintaining a public infrastructure can prove to be a complex task. When gas, water, sewer and roadway construction and repair projects are scheduled for the same street, limited coordination among project owners can lead to:

- Excessive road cuts
- Degraded roads
- Encroachment on each other's facilities
- Project delays
- Public safety concerns

Many organizations have found it difficult to coordinate effectively with no automated methods to streamline this process.

Solution

These obstacles require a web-based solution that provides project owners an accurate, detailed and easy-to-understand map view of project locations and related data. By exchanging planning information and coordinating construction and maintenance work, stakeholders can save time, reduce costs and improve operations. Envista Corporation (www.envista.com), a Massachusetts-based provider of Software as a Service, delivers a branded solution to address these industry challenges.

Envista's application provides a convenient, centralized way to exchange planning information with all project owners simultaneously. Users have access to a dashboard view of critical planning information to streamline operations and provide better service. A critical component of the application is NAVTEQ map data, used to geo-locate addresses and display projects locations



THE CHALLENGE

- Increase coordination among owners of utilities and roadway projects scheduled for the same street
- Reduce unnecessary street cuts, costs, project delays and impact on the public

THE SOLUTION

- Envista created a web-based infrastructure solution for project coordination
- ADCi optimized the data for efficient geocoding and user viewing experience
- Customers receive a detailed and easy-to-understand map view of project locations and related data

THE BENEFITS

- Proactive resolution of conflicts prior to the initiation of projects
- Identification of "dig once" opportunities saving costs across departments
- Greater public safety including decreased traffic congestion

and backgrounds. NAVTEQ partner, ADCi tailored the map data to Envista's special requirements, creating a unique look and feel for the application. *(For more information, see How ADCi Helped)*

Benefits

NAVTEQ offers the comprehensive and accurate street data used to create the precise map views public infrastructure organizations need. "Using NAVTEQ map data has distinctly influenced Envista's early success in developing a breakthrough, map-based Software as a Service. Our working with NAVTEQ and ADCi has enabled us to shorten our time to market significantly," said Marc Fagan, VP of Product Management at Envista.

Now public organizations using Envista can identify and resolve conflicts prior to the initiation of new projects. Key stakeholders can identify "dig once" opportunities where joint work can be planned and departments realize cost savings across the board. Organizing the timelines of projects through coordination across organizations also provides greater public safety including decreased traffic congestion. The Providence Water Supply Board is using Envista to coordinate infrastructure construction and maintenance in the Providence, Rhode Island area. Paul Gadoury, P.E., Director of Engineering for Providence Water, states "Envista's web-based software is showing up at a good time for us. Having an effective way to coordinate our lead service and water main replacements with other organizations that work in the public Right of Way will help us save on construction costs and reduce disruptions for area residents."

About Envista Corporation

Envista provides web-based software for the management oversight of infrastructure built and maintained by utility companies and government agencies. The company offers a patent-pending, map-driven solution for the exchange and coordination of construction and maintenance projects online. Envista headquarters are located north of Boston in Beverly, MA

About American Digital Cartography, Inc. (ADCi)

ADCi has been a leading authorized distributor for NAVTEQ data since 2001. During that time, ADCi has successfully helped hundreds of satisfied customers, in virtually every market, secure the correct NAVTEQ data and license for their mapping application. Headquartered in Appleton, Wisconsin, ADCi has specialized in providing digital mapping products and services since 1988.

About NAVTEQ

NAVTEQ is a leading provider of comprehensive digital map information for automotive navigation systems, mobile navigation devices, Internet-based mapping applications, and government and business solutions. NAVTEQ creates the digital maps and map content that power navigation and location-based services solutions around the world. The Chicago-based company was founded in 1985 and has more than 3,800 employees located in 194 offices and in 42 countries.

How ADCi Helped

ADCi tailored the NAVTEQ map data to Envista's special requirements, creating custom zoom views and a unique look and feel for roads, backgrounds and labels that visually branded the application. Because the NAVTEQ database is delivered in formats structured to easily display its attributes, ADCi was able to develop a unique aesthetic appeal allowing Envista to immediately differentiate itself in the marketplace.

ADCi's superior customer service, along with their ability to customize the data, helped Envista reduce application development time by 20 percent.

ADCi is a NAVTEQ valued reseller. For more information on ADCi, visit www.navteq.adci.com

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