



Hazardous Materials Tracking Application

BUSINESS SITUATION

As a worldwide leader in cruise vacation getaways with twenty-five ships in its roster, the client required a hazardous materials system that could keep track of harmful materials requiring replacement, disposal, or containment with precise measurement for its entire fleet.

A mandate from the U.S. Environmental Protection Agency (EPA) requires that all hazardous materials aboard cruising vessels be tracked and properly disposed of according to specific laws and a standard list of requirements set forth by the agency. In order to comply, the client needed a robust mobile-responsive application that could track all hazardous materials, provide reporting for compliance inquiries, and deliver an accurate on-demand manifest of materials and disposal locations.

THE SOLUTION

TekPartners was enlisted as a trusted technology partner to deliver a modern application to facilitate the hazardous material tracking process. After several planning sessions with the client's executives and business leaders, TekPartners created a plan for developing the application that detailed the required resources and mapped the metrics that would be displayed along with the data.

TekPartners placed six highly qualified consultants and a dedicated management team to handle the client's needs. In just over three months, the team was able to successfully allocate all data sources, input EPA standards and requirements into the system, and create a fully mobile-friendly application that exceeded the requirements set forth by the client.



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THE SOLUTION (CONTINUED)

As part of the service package, TekPartners provided consulting expertise ranging from application layout and logical process flow specialized to technical knowledge in order to deliver an application that enabled high level management teams and executives to receive detailed information quickly and efficiently. This included extended custom reporting tools showing hazardous waste levels and items in need of disposal, as well as custom automated alerts for all high level management and executives. The application also included the ability to create detailed manifests for all twenty-five ships with dynamic data for instantaneous extraction.

RESULTS

For the first time in company history, the client was able to access all hazardous material reporting through a mobile-friendly application. With interactive data displays, executives and managers were finally able to accurately track the disposal and containment of waste, elevator hydraulic fluid, oils used in cooking, and so much more. Most importantly, being able to track this data allowed the client to mitigate risks related to these materials and the EPA regulations through a streamlined manifest process.

What was originally an onsite, manual process was moved to a fully digital, offsite process as a direct result of engaging TekPartners for the project. The new system provides easy filtering and navigation for users, helps the client avoid pollution and the subsequent EPA penalties, and allows the company to easily adhere to compliance inquiries. The application was implemented across all twenty-five fleet ships and has proved invaluable for the client's bottom line.

CLIENT PROFILE

The client offers a variety of quality cruises ranging from three to eighteen day voyages for a reasonable price. As a company dedicated to its mission of bringing fun to all, the client aims to deliver memorable getaways for customers by providing a ship full of entertainment and activities for people of all ages. A member of the World's Leading Cruise Line alliance, the client is committed to quality and value, offering affordable cruise vacations to the general public. With attentive service, accommodating staterooms, many entertainment options, and a wide variety of activities and dining options, the client is among the most popular cruise lines in the world.

ABOUT TEKPARTNERS

TekPartners has been a trusted and proven technology solutions firm since 2002. As an information technology partner, we offer our clients proven talent through our IT Staffing, Professional Services, and Infrastructure Solutions divisions. We understand and value the unique needs of the industry and always strive to stay above the curve. The company was founded on the following core values: Be the Best, Understand the Urgency, Never Ever Give Up, Have the Courage to Excel, and Make a Contribution. We take pride in our business model and strive to create a positive workplace environment through an exemplary culture. TekPartners continues to grow and expand with office locations in Fort Lauderdale, Miami, Orlando, Charlotte, and Milwaukee. Learn more at www.tekpartners.com.



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