Offering Unique Framework Which Allows Building One Code Base To Run On Web And Mobile Application

About the Client

Serving Chicago since 1945, and headquartered in Morton Grove, IL, the client is Chicago’s leading recycling and waste diversion services provider. LRS started in 2013 by way of merger between two of Chicago’s longest-standing recycling companies. The client provides recycling and waste recycling waste diversion programs, affordable roll-off container services and comprehensive waste removal services to businesses and residential facilities.

Challenge

The client had embarked on building a mobile application to track incidents. The application was designed to be built as a native application targeting iOS and Android. While the approach gives the ultimate flexibility in building native mobile features, it does come at a price.

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Solution

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Since the client did not require any unique native development in features and support, in line with that, Integrative Systems recommended using the Ionic framework which allows for building one code base that can be targeted to both iOS and Android deployments as well as web and hybrid apps. This means developing and maintaining development efforts and costs.

Additionally, the required mobile app was to load in a manner that is more readily installable, iOS. The Ionic framework can be used with both node-based front-end frameworks like Angular, React and Vue.

Business Outcomes Delivered:

Integrative Systems delivered the desired mobile app that the client can use either on web or mobile platforms. It also helped in creating, maintaining and performing analysis on safety incidents and observations.

Tools & Technology Used

Integrative Systems used Angular and TypoScript for the backend. They also used React Native for the frontend. The app was built using JavaScript.

About Integrative Systems

Headquartered in Chicago, IL, Integrative Systems is a 25-year-old software development and technology services company with our office in the South Loop, IL, which is the heart of the city's vast technology infrastructure. Integrative Systems leverages proprietary and open source technologies to help our customers automate their processes, improve productivity, and reduce costs, while ensuring that our clients gain a competitive advantage in their respective sectors.

Disclaimer

Integrative Systems case studies are testimonials about the value provided by Integrative Systems and to its client. If you wish to learn more about the client, feel free to contact us.