

Healthcare ISV Adapts to New Standards, Improves Information Access

The client is a leading provider of health information technologies focused on ambulatory, inpatient and revenue cycle management solutions. They had a legacy software product that—due to its aging architecture and technology platform—required major ongoing maintenance efforts to keep up with the rapidly changing demands of the healthcare industry.

OFS provided an expert team of product engineers who developed their next-generation product on the new MEAN stack technology platform, which enabled the system to handle the fast-paced changes in the industry.

Business Impact:

- The re-engineered platform was ICD-10 and MU2 compliant and helped the users to easily aggregate clinical data to get actionable insight.
- The new cloud-based platform helped achieve the desired performance and scalability needed for the platform, which had more than 4,000 clients with 25 different specialties.
- This provided the customers with an end-to-end solution that supports viewing of both patient-related and financial information rendered in a single page.
- The intuitive and highly responsive system increased the level of customer satisfaction, which led to new business and additional revenue streams from existing customers.

Key Highlights

- Developed the next-generation platform in a SaaS-based approach to operate on the cloud
- System now integrates seamlessly across different provider networks and different applications in the workflow
- Developed around the MEAN asynchronous processing framework, giving the system lightning-speed search capabilities
- Agile development practices to help achieve predictable results and aggregated to on-time deliverables
- A competitive, modern offering that met customer commitments and kept up with the industry changes

Technologies

- MongoDB, NodeJS, AngularJS, HTML, CSS, jQuery, Restful Web Services, Rabbit MQ, Apache SOLR