Market Leadership with End-to-end Software Product Engineering

for Leading Patient Care Software Solutions Provider

LONG 80™
A GAVS & PREMIER, INC. JV

Client Overview

The client is a leading developer and marketer of medical devices and software solutions that help advance emergency care and save lives, while increasing clinical and operational efficiencies. With a wide range of solutions, they provide a comprehensive set of technologies that help clinicians, EMS & fire professionals, as well as lay rescuers improve patient outcomes in critical cardiopulmonary conditions.

The Business Situation

With data management solutions being a key area of focus, the client required a fully integrated suite to optimize the data collection process. Their goal was to reduce the time and effort spent in patient information entry at the point of care, so that medical crew could deliver better quality care, while also capturing all required information. The ideal solution would have to guide medics through patient information to collect at the scene and integrate with other applications in the healthcare ecosystem, like billing and insurance to produce dynamic & complete patient care records.

The Solution

With years of experience in empowering healthcare and healthcare IT companies to accelerate patient outcomes by innovation in and rapid development of mission critical healthcare applications, Long 80 helped the customer develop their flagship cloud-based product for ePCR (Electronic Patient Care Reporting).

The solution helps build dynamic & comprehensive patient care records by integrating with all other applications in the care continuum and importing relevant data for a 360° view of patient information. The integration also helps reduce redundant data capture and create error-free streamlined workflows. The intuitive user interface guides medics through the important data to be collected at the scene and drastically reduces the otherwise time-consuming data entry process.

To find out how Long 80 can help your organization, please visit **www.long-80.com**

Challenges

- Time consuming manual documentation of patient information
- Incomplete ePCRs due to impracticality of manual entry process
- Patients at risk due to inaccurate or incomplete ePCRs
- Compliance and billing issues due to information gaps, errors, redundancies

Solution Highlights

- Cloud-based charting solution for ePCR
- Dynamically configurable screens to capture patient care data
- Streamlined workflows with graphical workflow editor for PCR reviews
- Easy-to-use touchscreen interface; Web-based solution for reviewing/editing patient reports
- Advanced reporting
- DevOps for on-demand QA environment through AWS
- Strict compliance to healthcare regulations (HIPAA, NEMSIS, 510(k), ICD-10 & HL7)
- Seamless release management; Complete production support

Solution Outcomes

- One-stop access to accurate, complete patient care story
- Market leadership driven by routine addition of newer features/releases
- Increased data fidelity and data confidence
- Significant improvement in quality of care due to exceptional performance & user experience
- Version-to-version dynamic requirements addressed through automated release management
- Secure, compliant solution through strict adherence to industry standards
- Drastic reduction in infra maintenance costs, and provisioning time through efficient DevOps