Provider Case Study

Cloud Migration & Platform Migration: Cloud-Based EHR

The Challenge

The client's legacy EHR application, which was initially developed to enable physician productivity and provide superior clinical experiences, needed to be migrated to a cloud-based environment that would support the client's key business objectives, including: scale for growth, ease of access and integrations aligned with the growing business needs of the end-consumer. Unfortunately, bandwidth constraints hindered the client's initial migration initiative, leading to missed go-to-market commitments and non-compliance with MU mandates.

Our Approach

We developed an extremely aggressive migration schedule for the EHR application, with a staggered go-to-market strategy and multiple releases in one year. The emids Healthcare Practice team achieved this goal by acting as the interim product owner, defining modules and sequencing throughout the project. The team updated the legacy EHR and practice management system to the latest .NET stack, with a configurable message exchange platform, allowing for more flexibility in integrations.

In 18 months, the team delivered a fully cloud-based EHR and a new interface engine that connected the client's EHR with external systems. The resulting project management plan was also fully aligned with the client's businesses priorities, especially regarding faster go-to-market.

Value Addition for the Customer

- Developed QA automation framework
- Created EHR modules that included: clinical documentation, messaging, document management, a patient portal, interface engine, dashboards, practice management, immunization, orders, rules engine, scheduling, tracking board and reports
- Involved the HC Centre of Excellence in product management and in reviewing high-level requirements
- Provided the client with reusable artifacts (canned requirements use cases for EMR & PMS)

Provider Capability

Cloud migration and platform migration

Customer Profile

A developer of integrated electronic health records and practice management software for physician practices and enterprises

Services and Solutions Rendered

Development of a cloud-based EHR and an interface engine to connec the EHR with external systems