

Customer:

A Software solutions provider offering a sophisticated Healthcare Practice Management Product.

History:

Qatalys' client has developed a comprehensive Healthcare Practice Management Product that helps Physicians track Patient records accurately and interact effectively with the Pharmaceutical and Billing departments. The existing product is an integrated PRM application with Clinical (EHR/EMR) and financial (PM) tasks integrated. It is HL7-compliant and makes integration with third-party software seamless. It has also passed the CCHIT test.

Situation Presented to Qatalys:

Qatalys' Client's Healthcare Practice Management Product needs a few enhancements to enable comprehensive customization. The need is for a cost-effective technically-sound scalable dedicated team that can:

- Understand the Healthcare Practice Management domain.
- Understand customer specific requirements to develop interfaces.
- Develop & seamlessly integrate enhancements.

The Qatalys Solution:

Qatalys leveraged its established process to build an offshore professional team, with in-depth knowledge of PRM solutions, within a short span of time. Qatalys provided gradual scaling up of the offshore team which handled enhancements in some of the following modules:

- Scheduling
- Demographics
- Patient History
- Prescriptions
- Lab Orders and Results
- eferrals
- Insurer Fee Schedules
- Charge Capture and Coding
- Billing
- Claims Submissions and Remittance (EDI)
- Collections Management
- Patient Follow-up
- Custom Reporting
- HL7 Interface Development

The Qatalys Advantage:

- The Qatalys' team catered to the need of end-user interface development (for systems and devices) in the most efficient manner by directly interacting with them.
- Marketability of the product improved due to a decrease in the turnaround time for developing customer interfaces.
- There was a significant reduction in the cost of enhancing the product
- Qatalys ensured lower TCO.
- Client was able to focus on more strategic areas.

Industry: Healthcare

Project Size: 100+ Man Months

Delivery model: Offshore

Technology Used:

- .Net 2.0
- SQLServer 2005
- XML
- Web Services, Windows Services, Remoting
- Reporting Services
- Microsoft Mobile. NET
- Microsoft XP Tablet PC Edition
- Smart Client

Third Party Tools:

- NAnt
- Far Point
- Genuine Channels
- NUnit
- Neo
- Win CVS
- Log4Net
- Magic Library
- Cruise Controls
- Zed Graph
- Quick Graph
- Sharp2lib

External Devices:

- QRS -for CardioView like ECG, etc.
- Midmark-for ECG, Spiro and Hotler

Key Requirements:

- Interoperability
- Migration