📄 CASE STUDY

ALTEN CALSOFTLABS
AN ALTEN GROUP COMPANY

PHYSICIAN DASHBOARD DEVELOPMENT FOR BETTER PRACTICE MANAGEMENT

THE CLIENT

The customer is a leading provider of comprehensive health informatics solutions for more than 900+ hospitals in the US.

BUSINESS NEED

The customer wanted to provide a single window through which physicians can access the patient health information seamlessly. The dashboard should have a visually appealing and rich interface to display data in real time and provide customizable options for physicians to generate reports.

TECHNOLOGY USED

◎ Tools/Technology: ASP.NET 2.0, AJAX Extensions, Silverlight 2.0 and 3.0, C#, .NET Framework 2.0,3.5 and 4.0, Eclipse, MS SQL Server 2008

BUSINESS BENEFITS

◎ Improved physician productivity with best in-class dashboard solution

◎ Enabled physicians with a quick review of the patient's condition and take appropriate care decision

◎ Anytime, anywhere access provided on handheld devices improved the productivity of hospital staff

SOLUTION DELIVERED

ALTEN Calsoft Labs' physician dashboard solution provided a streamlined view of a physician's patients to promote an efficient workflow and better diagnosis.

Some of the features of the dashboard are:

◎ Silverlight based rich UI and MS SQL driven dashboard solution

◎ Dashboard detailing the complete clinical chart of the patient with integrated EHR/EMR

◎ Customizable and configurable options to view vitals of a patient viz., Blood Pressure, Blood sugar, Heart rate etc. with a thorough analysis and graphical representation

◎ Integration with other systems using HL7

◎ Integrated with financials module and other ancillaries like Laboratory Information System and Radiology Information System

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