**CASE STUDY**

**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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