



HOSPITAL INFORMATION SYSTEM



THE CLIENT

The customer is a pioneer in providing healthcare information systems to small/midsize hospitals and is a market leader in serving rural community and critical access hospitals in the US.



BUSINESS NEED

The customer envisaged a robust end-to-end hospital information system to cater to the growing needs of rural and mission critical hospitals. The customer's main goals are:

- ⦿ Streamline processes within the hospital, reduce patient waiting time and improve the efficiency
- ⦿ Reduce administrative times and duplication of information across the hospital information systems



SOLUTION DELIVERED

The solution proposed by AL TEN Calsoft Labs is an integrated end-to-end ERP encompassing the clinical, financial and supporting applications required for a hospital. The solution addressed core services, support services and the back office services in a hospital.

The key features include:

- ⦿ HL-7 interfaces across all modules that facilitate standards conformance
- ⦿ Centralized information with seamless flow of the financial data to the payer modules
- ⦿ Executive information system (EIS) that graphically displays the data for the management reviews
- ⦿ The billing, insurance processing modules effectively process clinical data for efficient payout for health encounters

The key modules in the system are:

- ⦿ Patient management(scheduling, registration and long term care)
- ⦿ Patient care management and departmental modules(radiology, pharmacy and pathology labs)
- ⦿ Financials module(billing, insurance processing, materials management, accounts payable/receivable, payroll and general ledger)
- ⦿ Support modules - third party labs device integration, barcode and pharmacy label printers integration
- ⦿ Image and document capturing features across registration and order management
- ⦿ Federal regulations compliance(5010 and MDS 3.0) for financial modules

ABOUT AL TEN CALSOFT LABS

AL TEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). AL TEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. AL TEN Calsoft Labs is a part of AL TEN group, a leader in technology consulting and engineering services.

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