Industry
Healthcare

Technology
Liferay

Service Model
Onsite Consulting

Enterprise Health Care Portal

Client
Our client is a global service provider of Application Management, Infrastructure Management, Product Engineering and Mobility and Messaging Products and Solutions, with focus on Telecom, Energy & Utilities, Media & Content, Healthcare and Banking & Finance industries.

Business Need
Client wants to build An Enterprise HealthCare portal for maintaining the Medicaid program of different states in the USA. This system should allow the poor and senior citizens to enroll as members, allows the service provider (doctors, hospitals, lab technicians, ambulance services, etc) to enroll.

Challenges
The existing portal had limited features wasn't flexible and extendable to address client's business needs mentioned below.
- The system is should handle use case base of 30 million for states like Florida and New York, with few thousands of Providers,
- Over a million claims should be processed every week
- Internal Efficiencies, Workflow management, Automation and Integrations.
- Secure and Sustainable Platform.

Solution
Client chose Liferay as the technology platform and selected esquare as the execution partner to build the state of the art cloud Services eco system.

ESquare provided onsite consulting to provide end to end solution covering right from requirements, to architecture, to development, to testing support and eventual release

The project was executed in an iterative manner following Agile Processes with intense onsite client engagement/requirements elicitation and building architectural foundations supported by Esquare's Senior Consultants/Architects

The system allows the poor and senior citizens to enroll as members, allows the service provider (doctors, hospitals, lab technicians, ambulance services, etc) to enroll.

The member can visit the doctors/hospitals and get services; the providers will submit the claims to the system through mail/electronically/on line through web.

The system will validate the claims, prices the services, applies a predefined set of business rules and disposition the claims. The payment process will evaluate the claims further and pay the providers.

Key Features
- Fully customized applications with rich user interface
- Dynamic security with user authentication at various levels
- Flexible and Robust Contact Management
- Robust Provider Registration, Application and Inquiry
- Ease of maintenance of Members and Providers

Result
Highly Scalable Healthcare Portal Delivered on time delivery despite technical challenges and overcome all the challenges faced earlier. Client has competitive advantage in enterprise Healthcare market with variety and depth of services being offered.

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