Case Study

System Health and Utilization Dashboards

Client Requirements

Client is a leading provider of next generation, advanced visualization software for medical imaging. The client wanted to develop tools to monitor the system health of their servers and track the utilization of their imaging products. CitiusTech was selected to develop the system health dashboard and utilization reports using the QlikView BI Suite and Ext JS Framework given our expertise in these technologies.

Solution Schematic

- Utilization Report
- System Health Dashboard
- Application Database
- ETL and Data Layer
- Application Servers
- Imaging Servers with Axeda Agents
- Axeda Machine Cloud
- Salesforce

CitiusTech Solution:

- System Health dashboard with KPIs such as CPU, RAM and Disk Usage of the servers, product license utilization and study ingestion monitor
- Integration with Salesforce and Axeda cloud services to display real time server level alarm notifications
- Utilization report indicating daily usage of client’s imaging product
- Key technologies used - QlikView BI Suite, Extended JS Framework, Java, Spring Framework and MS SQL Server 2008 R2

Value Delivered:

- Enhanced visualization and reporting using CitiusTech’s healthcare BI expertise
- Leveraged CitiusTech’s UX expertise to develop intuitive reports
- Provided cost effective solution through CitiusTech’s global delivery model and use of client’s existing technology infrastructure

About CitiusTech

CitiusTech is a provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations, with over 2,500 professionals worldwide and serving over 75 healthcare organizations globally. CitiusTech’s services and solutions include healthcare software development, healthcare interoperability, regulatory compliance, BI/analytics, consumer engagement, care coordination and population health management. CitiusTech helps customers accelerate innovation in healthcare through a number of solutions and accelerators for clinical quality reporting, healthcare big data, cloud computing, mobile health and predictive analytics. With cutting-edge technology expertise, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare clients worldwide.

www.citiustech.com