ActualMeds Case Study

OVERVIEW

The firm was growing substantially, and the system infrastructure needed to keep up with the new demands while remaining compliant with HIPAA and Hi-Trust.

SphereGen

"Thanks to SphereGen for your support in providing for our clients in the diligence process. The talented SphereGen team has been an essential part in developing and supporting our business. It continues to be an honor, privilege, and pleasure to work with SphereGen."

-Anne Marie Biernacki, ActualMeds

Client: Client provides medical reconciliation to healthcare insurance companies/payors.

Problems: The firm was growing substantially, and the system infrastructure needed to keep up with the new demands while remaining compliant for HIPAA and Hi-Trust.

Maintaining HIPAA and Hi-Trust Compliance while taking on new customers
- Scalability
- System Integration with Multiple Health Care systems
- System Design which accounts for all above issues but remains functional and not overly complex to maintain

Solution: HIPAA and Hi-Trust Compliances not only rely on securing data, but also involve implementing and standardizing policies and processes concerning that data. To address security issues related to transmission of data and data at rest, SphereGen implemented a secure double encryption process running over Azure Cloud Services. Transactions are logged and documented providing an easy to follow audit trail.

Azure offers a highly secure environment and reduces needed hardware investment by providing a pay as you go model. The ability to easily increase/decrease processing utilization and storage capability solved the scalability issues.

To address System Integration challenges with other Health Care systems SphereGen implemented C-CDA document transfer using FHIR and built a custom application with a suite of oversight tools. These tools allow the client to better assess and manipulate data from various PBM's and EHR's. The application uses 16 different classification and standards of risks to assess and manage potential violations. The leadership team now has the transparency, automation and oversight needed to run their business without burdening them with time consuming repetitive tasks.

Impact: Ability to pass compliance audits with confidence. Ease in integrating data from and to multiple Health Care platforms.

Platform: Azure Cloud Services

Skills: ASP.net MVC Architecture
JQRY
MS SQL
Azure MS Server