

Enterprise Imaging Case Study

Client Profile

A 1,000+ privately held hospital network wanted to assess its current imaging ecosystem to determine how to best design a platform that would support its demanding workflow requirements while efficiently scaling to accommodate rapid organic and merger and acquisition growth, as well as extend to support a new data monetization service line.

Our Methodology



Problem Statement

Building the Problem Statement(s) requires dynamic working sessions with the governance body to ensure a clear set of measurable success criteria are established up-front.



Discovery

Extensive analysis of 'as-is' clinical workflows, technical architecture, and operational uses and reporting methods are documented, leading to identification of gaps and deficiencies for each site.



FTNR

The Functional & Technical Needs & Requirements assessment documents the specific features, tools, and capabilities that must be in-place to achieve use case, workflow, operational, and technological objectives.



Use Cases

Designing a robust set of use cases to map critical gaps and functional requirements between current state and business goals provides the foundation for strategy development and solution design.



Process & Outcome

Our Role

Work collaboratively with client leadership to define an Enterprise Imaging strategy to address their unique clinical, business, and technological needs, and provide a full operational and technological assessment to identify critical gaps and map functional requirements between the current state and overall business goals, including:

- Assess end-to-end clinical workflow and dataflow, highlighting areas of stakeholder dissatisfaction, inefficiency and bottlenecks, and opportunities for improvement, etc.
- Perform a thorough technological assessment, including scalability, performance, and interoperability assessments as well as risk identification and mitigation alternatives
- Analysis of clinical and technical findings inline with the client's business objectives, documented as a comprehensive roadmap of prioritized functional and technical requirements
- Provide vendor selection methodology and coordinate RFP and on-site assessment activities

The Result

Our analysis identified that a transitional strategy leveraging the client's existing infrastructure, enhanced with some new technologies, would provide the most cost-effective and minimally disruptive solution to meet their short-term needs, while a comprehensive roadmap was delivered to enable progressive achievement of their longer-term goals. Ultimately, the organization was able to:

- Accelerate solution design and deployment to support both growth and new service line initiatives
- Quickly realize tangible and measurable improvements operational efficiency and fiscal performance
- Mitigate risk and avoid an otherwise costly and disruptive market analysis by leveraging the expertise and market awareness of a team of imaging and business experts



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