

[TECHNOSSUS]

HEALTHCARE PROOF OF CONCEPT (POC) MINIMIZES PROJECT RISK

A leading U.S. healthcare company that wanted to increase overall operational efficiency while improving patient experience turned to Technossus for its expertise in IT architecture.

The Challenge

A leading U.S. healthcare company prepared to embark on a multi-million dollar software development project that would create a unified digital experience for patients who interacted with their network. The goal of this project was to increase overall operating efficiency while simultaneously improving patient experience. Ultimately this would bring the company one step closer to their initial mission of serving the underserved patient population.

The company's executive team was cognizant of the high failure rate of large scale software development projects. Approximately 35% of these projects are outright failures, and another 55% experience significant cost overruns, missed delivery dates, and/or failure to deliver on the project objectives.

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The Technossus Solution



Technossus determined the high-level requirements that would impact the various systems in the integration process, and then created, validated, and documented a working reference architecture which included:

- A cloud-based infrastructure that seamlessly integrated all the various enterprise systems
- A security infrastructure that ensured that every transaction was performed securely and that all confidential information was encrypted
- Operational versions of Sitecore, Microsoft CRM Dynamics
- A web service platform that would handle a high-volume of data and allow the thousands employees and patients to securely and reliably access the system

The Result

Technossus dramatically lowered the risk involved in undertaking an immense, enterprise-wide software project by building a working model of the final system. The underlying goal was to provide a working architecture that would demonstrate all secure and reliable interfaces created using best practices to integrate all systems into a single-application set. Technossus created an architecture that could accurately handle the large volume of data that would flow between the various system elements and which would also meet the tough security requirements necessary in the healthcare industry.