



Case Study

Accelerating Secure Data Migration for a Leading Healthcare Provider

SmarTek²¹

Executive Summary

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During a significant merger and acquisition, a major healthcare provider partnered with SmarTek21 to swiftly and securely migrate data from one Electronic Medical Record (EMR) system to another. By implementing an innovative data warehouse solution and leveraging advanced technologies, SmarTek21 completed the migration in just 7 months—less than half the typical 18-month industry standard. This rapid migration ensured data integrity and security while allowing the client to maintain seamless operations throughout the transition.



Background and context

The client, a prominent healthcare provider, was in the process of acquiring another healthcare organization. This acquisition necessitated consolidating and migrating extensive patient and operational data from the acquired company's EMR system into the client's own system. The success of this project was critical for maintaining continuity of care and supporting the client's mission to provide high-quality healthcare services.

The project presented several complex challenges that were addressed to help avoid data loss, ensuring compliance, and maintaining the continuity and quality of patient care throughout the transition.



Data Volume and Complexity

The migration involved transferring large volumes of patient and operational data between different versions of EMR systems.



Tight Timeline

The industry average for such migrations is approximately 18 months, but operational requirements demanded a significantly faster turnaround.



Technical expertise

The client's team lacked the skills to execute the migration efficiently.



Employee Communication

With the ongoing acquisition, there was potential for employee unrest and communication challenges.



SmarTek21 delivered a comprehensive solution, leveraging advanced technologies and a structured approach to meet the client's needs

1

Skilled Team Deployment

SmarTek21 quickly assembled a team with the necessary expertise to handle the complex migration process.

2

Data Warehouse Development

Constructed a robust data warehouse using Hadoop to facilitate the integration and storage of large volumes of diverse data.

3


Custom Migration Process

Developed a tailored migration process that allowed for efficient data transfer between the different EMR system versions.

4

Employee Engagement

Worked closely with the client's team to alleviate concerns and create a smooth transition process, reducing employee anxiety during the acquisition.



Throughout the implementation, SmarTek21 maintained open lines of communication with the client, ensuring that the solution aligned with their specific needs and regulatory requirements.

- 1 Rapid Migration**

Completed the data migration in just 7 months, significantly faster than the 18-month industry average.
- 2 Seamless Integration**

Successfully transferred data between different versions of EMR systems, ensuring continuity of patient care.
- 3 Cost Savings**

The accelerated timeline and efficient process likely resulted in significant cost savings for the client.
- 4 Employee Satisfaction**

By managing the process effectively and maintaining clear communication, SmarTek21 helped reduce employee concerns during the transition.

The successful completion of this project not only met the client's immediate needs but also positioned them for future growth and efficiency in their newly expanded organization.



The successful data migration has equipped the client with a unified and efficient EMR system, enabling them to leverage their expanded data assets for enhanced healthcare services. SmarTek21's expertise in data migration and integration addressed the acquisition's immediate challenges and established a foundation for ongoing digital transformation in the client's healthcare delivery.

Moving forward, the client is well-positioned to utilize their consolidated data for improved patient care, streamlined operations, and potential innovations in healthcare delivery. This project showcases SmarTek21's ability to deliver complex, time-sensitive solutions in the healthcare sector, setting the stage for future collaborations and advancements in healthcare IT.



Client Collaboration and Feedback

SmarTek21 worked closely with the client throughout the project, effectively becoming an extension of their team. This collaborative approach allowed for quick problem-solving and ensured the solution met the client's needs. The client appreciated SmarTek21's ability to quickly understand their systems and execute the migration more efficiently than their in-house team could have managed.