



Shaping Healthcare Possibilities

# Cloud-based Multi-tenant Integration Engine

## 10+ Years of Relationship

### Business Challenge

Client is a leading provider of EMR/HIS platform, providing software and services across 1,000+ U.S. healthcare facilities. They sought on-premise migration of integration engine to multi-tenant, secure and scalable cloud platform to achieve lower deployment costs.

CitiusTech was engaged as a partner with expertise in cloud, clinical workflow and healthcare interoperability.



CASE STUDY

CitiusTech put together a team of certified cloud architects, application architects and domain experts to design and migrate an on-premise integration engine to the AWS platform.

**Key services included:**

- Assessed detailed requirements for cloud-based hosting, integration frameworks and existing on-premise solutions
- Proposed a single-tenant hosting architecture using IaaS and PaaS with multi-tenant hosting architecture, leveraging Docker on AWS.
- Proposed and integration mechanism for client's on-premise environment.

**VALUE  
DELIVERED**



Elevated performance by code and query optimization.



AWS S3 provided online storage capabilities.



CitiusTech managed application lifecycle on AWS.





Shaping Healthcare Possibilities

CitiusTech is a global IT services, consulting, and business solutions enterprise 100% focused on the healthcare and life sciences industry. We enable 140+ enterprises to build a human-first ecosystem that is efficient, effective, and equitable with deep domain expertise and next-gen technology.

With over 8,500 healthcare technology professionals worldwide, CitiusTech powers healthcare digital innovation, business transformation and industry-wide convergence through next-generation technologies, solutions, and products.

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