

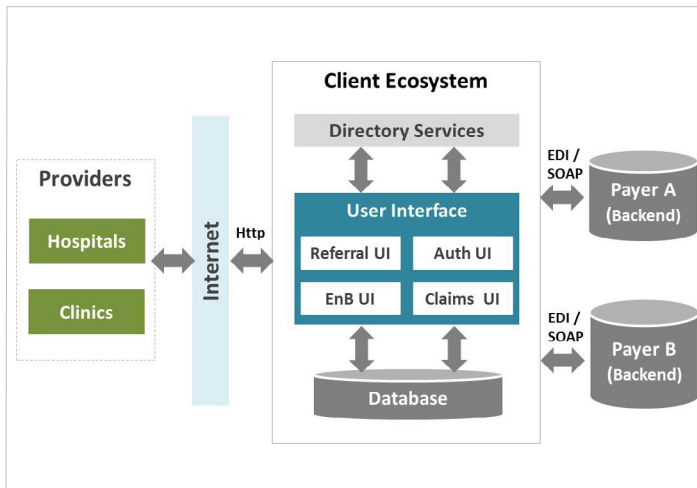
# Case Study: Payer-Provider Real-Time Communication Network

## Client Requirements

Client is a leading healthcare communications network that provides solutions for payer and provider collaboration. Client's solutions are used by hospitals and healthcare providers to perform a wide array of financial and operational transactions including authorization, referral, eligibility / benefits, claims submission and investigation.

Client needed to design and develop an enterprise product that followed industry standards for authorization / referral transactions.

Given its strong expertise in healthcare product engineering, interoperability and legacy applications, CitiusTech was selected for the development and migration project.



## CitiusTech Solution

### Requirement Analysis

CitiusTech provided a team of domain SME that worked with the client to create and document all business / functional requirements for the new product. CitiusTech also put together dedicated scrum teams, with a blend

of technology and healthcare expertise, for the application development and data migration effort.

## Solution Design

CitiusTech collaborated with the client's business and technology teams across a number of areas, including:

- Architecture, design and development of new configuration driven platform for existing product serving various health plans
- Upgrading legacy code base to new platform
- Providing enhancements to existing legacy platform based on identified business and technology needs
- Integration of Master Data Management capability in client's current healthcare ecosystem
- Adherence to X12 standards for real time transaction processing
- Development of powerful authentication features for the new platform without impacting end user's accessibility to plan transactions

## Development and Deployment

CitiusTech led the end-to-end identification, design, development, customization and testing of the current legacy platform.

CitiusTech team worked with the client on complete product development of various transactions on their new flexible, configurable platform.

## Value Delivered

By partnering with CitiusTech, the client was able to:

- Leverage CitiusTech's expertise in healthcare workflows and project execution to develop a robust and effective solution
- Accelerate software development life cycle by leveraging continuous integration and automating repeatable tasks
- Leverage CitiusTech's expertise in legacy applications to make the product compliant with industry standards
- Anticipate and address new application feature and UAT issues, leading to faster time-to-market

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## About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations. CitiusTech's services and solutions include healthcare software development, healthcare interoperability, regulatory compliance, BI/analytics, consumer engagement, care coordination and population health management.

CitiusTech helps customers accelerate innovation in healthcare through a number of solutions and accelerators for clinical quality reporting, healthcare big data, cloud computing, mobile health and predictive analytics. With cutting-edge technology expertise, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare clients worldwide.

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