



Shaping Healthcare Possibilities

## Success Story

# Pharmacy Management System Modernization for a leading solutions provider in the U.S Healthcare

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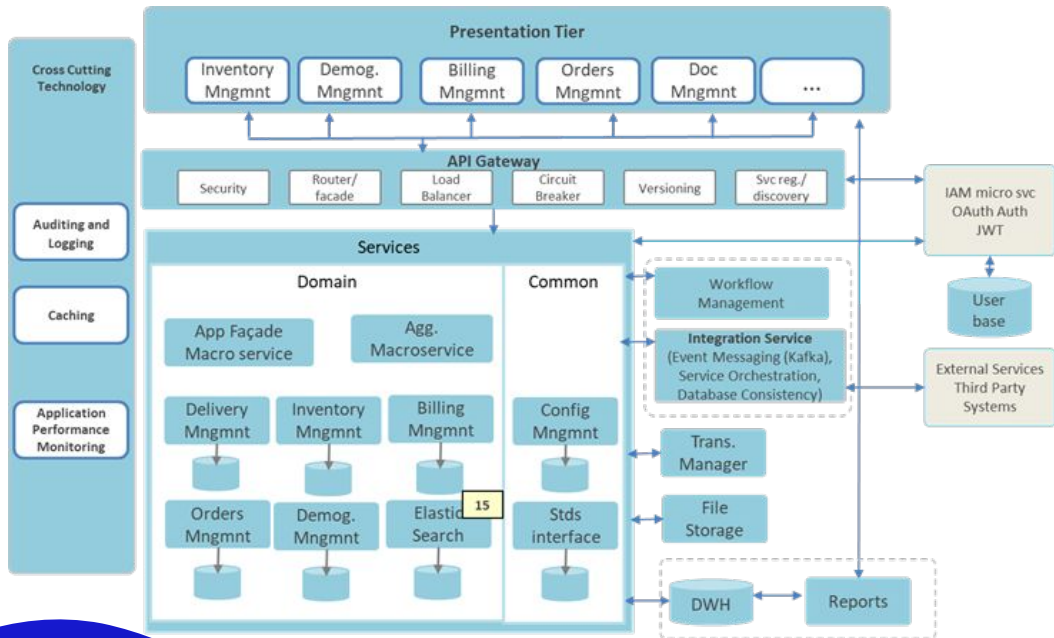
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## The Challenge

- Client is a leading provider of software and solutions for healthcare and human services provider and payer organizations.
- Client needed to move its pharmacy management desktop application to a web enabled application using latest technologies in microservices and cloud. CitiusTech was selected to provide product development, QA and UX services.

## Solution Highlights



## The Solution

CitiusTech set up a team of professionals with expertise in web application development to provide solution:

- Microservices-based solution using .Net core 2.1, C#, Web API, PostgreSQL deployed on AWS cloud using Kubernetes for automating deployment
- De-componentization of existing monolithic solution to unit microservices, using Kafka as message broker for inter-service communication
- User Interface development with front-end technology (Angular) and unit testing framework (Jasmine and Karma)
- Development of responsive UI targeting different devices & provide enhanced UX using angular material design

## The Outcome

- Consolidation of client's multiple products for home care into a new, scalable integrated system using emerging technology stack
- Successfully demonstrated automated quality testing for the inventory module



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# Thank You

**CitiusTech - 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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