

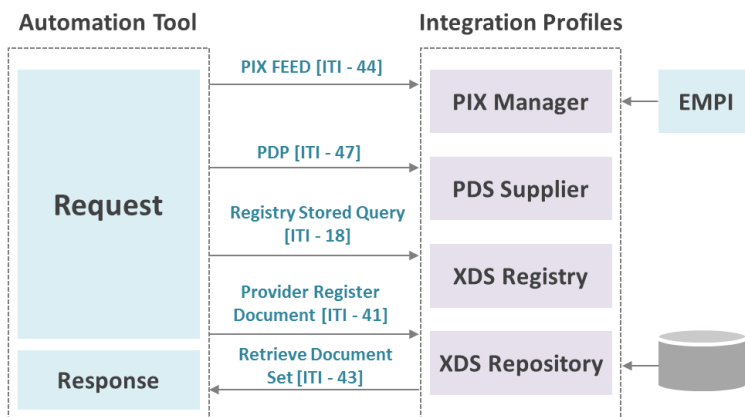
## Case Study

# Quality Assurance on IHE Integration Profiles

### Client Requirements

Client is a leading provider of Health Information Exchange (HIE) solutions connecting hospitals, physicians and their medical trading partners with advanced interoperability and clinical networking solutions. CitiusTech was selected to execute quality assurance on PIX, PDQ, XDS and NAV type of IHE Integration Profiles.

### Solution Schematic



### CitiusTech Solution:

CitiusTech put together a team of Quality Assurance engineers with strong knowledge of IHE actors, transactions and HL7v3 to test HIE services. CitiusTech's services included:

- Preparing test plan and comprehensive list of test cases
- Defining the scope of automation and developing an in-house automation tool
- Executing test cases using the automation tool, recording results and tracking defects to closure

### Value Delivered

- Enabled client to offer IHE driven workflows to their customers
- Reduced QA costs and time through the adoption of test automation
- Leveraged CitiusTech's understanding and expertise on various IHE Integration Profiles and HL7v3

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### About CitiusTech

CitiusTech is a provider of healthcare technology services and solutions to medical technology companies, providers, payers and life sciences organizations, with over 2,500 professionals worldwide and serving over 75 healthcare organizations globally. 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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