



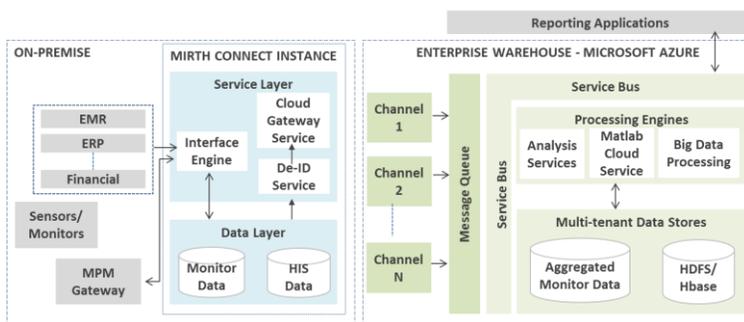
Case Study

BI for Connected Device Monitoring

Client Requirements

Client is a leading medical device company with expertise in hemodynamic monitoring. Client required CitiusTech's help for architecting a solution for its connected monitoring program that focused on reducing post-surgical complications and costs associated with it. The client engaged with CitiusTech on a consulting assignment to assess how data captured from its remote monitoring sensors can be used for clinical decision support.

Solution Schematic



CitiusTech Solution:

- Assessed pros and cons of multiple data architectures for handling big data
- Provided a roadmap for implementing the data solution to support the IoT
- Explored various tools and technologies that align with the architecture
- Evaluated interface engines, ETL, DB, reporting solutions, mobile and cloud platforms that best fit the architecture to drive device BI
- Recommended a solution with a mix of cloud and on-premise components to implement an end-to-end BI solution

Value Delivered

- Leveraged capabilities of CitiusTech in mobile/device practice and the IoT
- Channelled CitiusTech's best practices in implementation
- Provided guidelines that are HIPAA compliant for the cloud-based solution

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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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