CitiusTech: M-Verge
Mobile Health Platform

M-Verge enables health-care organizations to accelerate design, development and roll-out of mobile apps for iOS and Android devices, wearables and Internet of Things (IoT).
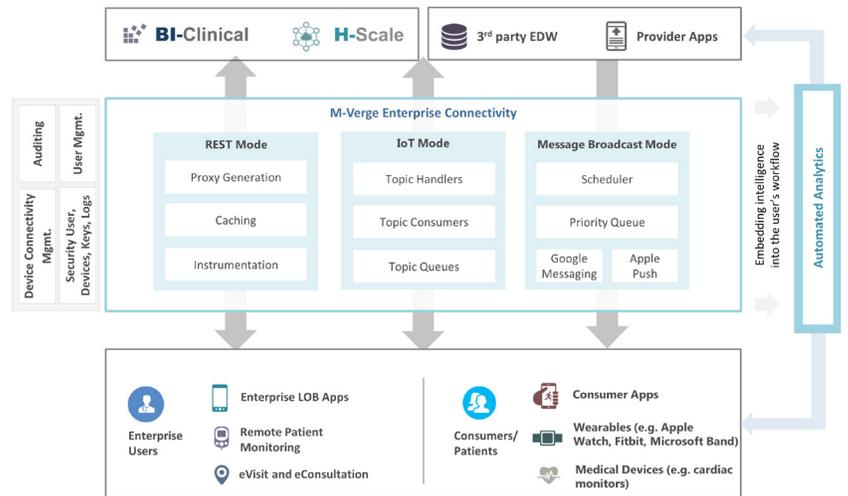
Mobile and Patient Engagement Challenges

Mobile health and the Internet of Things (IoT) are making a significant impact on healthcare – across consumers, physicians, hospitals, payers and communities. While mobile solutions and patient engagement are key focus areas today, substantial effort is required to make it a reality. Nevertheless, simple two-way communication between a healthcare enterprise and mobile device users must happen quickly. CitiusTech understands the needs, from streamlining technology and the architecture uplift to HIPAA and PHI compliance to ensure standardization, scalability and security.

M-Verge: Overview

M-Verge, CitiusTech's mobile health platform, ensures mobile and consumer health compliance. It enables organizations to deploy the right mobile patient engagement strategy to improve care, save costs and lower readmission rates. Mobile patient engagement has led to significant savings: diabetics now use virtual pill boxes which save over $3,000 per member, and chronically-ill patients using mobile care have led to 10% reduction in primary care.

Key Use Cases

- Integrate healthcare notifications with mobile notifications, e.g. reminders, medication adherence, health assessment, launch of new disease management program, etc.

- Deploying native agents to collect data from health devices and wearables, e.g. integrating with Apple Health and Google Fit

- Leveraging health and home sensor data with geofencing, e.g. assisted living, emergency care and home and hospice care

- Providing bi-directional, secure provider-consumer communication, e.g. e-Visits, remote monitoring, video conferencing and shared care plan

M-Verge: Mobile Health Platform

M-Verge: Highlights

- Scalable, containerized infrastructure to support a large number of mobile users
- Communication channels for web services, IoT and push notifications
- Range of options for data connectivity with healthcare enterprise applications (e.g. EHRs, labs, pharmacy, etc.)
- Architecture patterns and recipes for service integration, to support external connectivity use cases (e.g. video conferencing, etc.)
- Advanced data privacy and security features via security controls (e.g. data authentication, authorization, encryption, etc.)

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