

CitiusTech: M-Verge (Mobile Health Platform)

M-Verge platform offers tools and accelerators that enables healthcare organizations to accelerate design, development and roll-out of innovative mobile solutions across iOS and Android devices, wearables and Internet of Things (IoT).

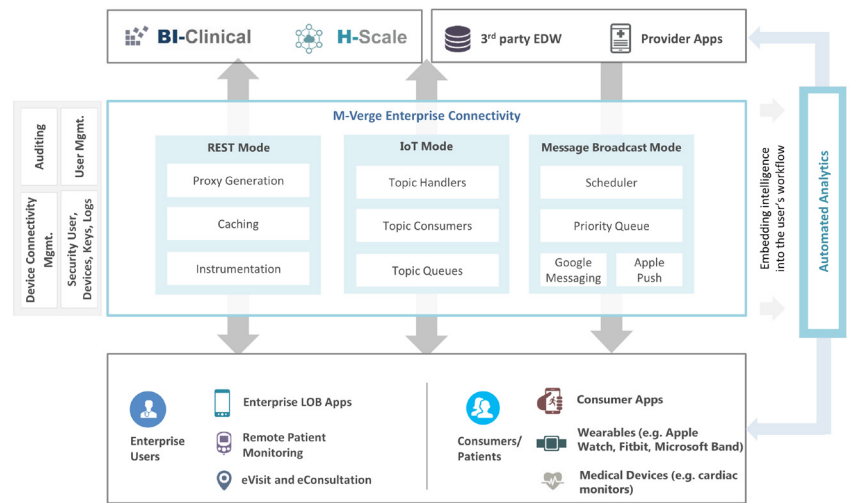
Mobile health and the Internet of Things (IoT) are likely to make a significant impact on healthcare - across consumers, physicians, hospitals, payers and communities. However, enabling an effective two-way communication between a healthcare enterprise and mobile device users (e.g. consumers, patients, physicians, etc.) requires substantial effort including streamlining technology, architecture uplift and HIPAA and PHI compliance to ensure standardization, scalability and security.

M-Verge: Overview

M-Verge, CitiusTech’s mobile health platform, is designed to establish a scalable and configurable communication channel between mobile devices, consumer health devices and the healthcare enterprise. M-Verge enables a wide variety of mobile-driven use cases such as care management (clinical alerts, medication management), physician-patient collaboration (chat, phone) and patient interaction (enrollment, payment reminders). It also facilitates access to wearable devices and IoT to support use cases like remote patient monitoring, geofencing, etc. With M-Verge, healthcare organizations have an optimal, cost-effective platform to build a unified, scalable mobile health strategy that is aligned with their business needs.

Key Use Cases

- Integrating 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, home and hospice care
- Providing bi-directional, secure provider-consumer communication, e.g. e-Visits, remote monitoring, video conferencing, 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.)