

CitiusTech: IoT Offerings

Offer Description
(2000 chars)

Key Offerings

- **IoT Engineering**
 - Device driver development for Windows, Unix, iOS, Android (BLE, ANT+ etc.)
 - Customization of embedded OS (e.g., Windows, Android) for devices including imaging modalities
- **IoT Infrastructure Services**
 - Designing of scalable IoT infrastructure on Azure using services like Azure IoT Hub, IoT Central, IoT Edge, etc.
 - Monitoring and management of infrastructure for scalability, uptime, versioning, patches, security etc.
 - Create enterprise data warehouse or data lake for storing and analyzing device and patient data
- **IoT Integration**
 - **Device Integration:** Development of secure adapters to interface with cloud endpoints using protocols MQTT, CoAP etc.
 - **Enterprise Integration:** Standards-based interfaces with RIS/PACS, LIS; NFC payments
- CitiusTech is ISO 13485:2016 certified for software engineering and QA for medical devices

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CitiusTech Capabilities

- Deep understanding of Azure IoT platform
 - Strong understanding of interoperability and healthcare data integration
 - Deep understanding of security, compliance and regulations in Healthcare including HIPAA, HITRUST, GDPR
 - Successfully engineered and deployed multiple device platforms for Medical technology companies
 - H-scale big data platform solution accelerator with machine learning capabilities for data aggregation
 - Strong Engineering practice **with 700+ HL7 certified and 40+ FHIR certified** professionals
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