CitiusTech Expertise: IoT Collaboration Areas

Innovation
- Build innovative solutions for clinical and operational use cases based on business needs

Intelligence
- Build processing rules for incoming data using tools Kafka and Storm
- Build analytics and reporting platform leveraging traditional, adhoc and self-service analytics
- Integrate with BI-Clinical

Management Portal
- Build management operations center/ control panel (e.g., behavior of devices and interfaces)

Communication & Aggregation
- Designing of scalable IoT infrastructure on public or hybrid clouds (incl. security, performance, geo distribution)
- Build data lake to aggregate incoming data & event stream
- Develop secure adapters to interface with cloud endpoints
- Standards-based interfaces with RIS/PACS, LIS; NFC pay

API & Services
- Setup an API gateway to manage all services, their versions and upgrades
- Device driver development for Win, Unix, iOS, Android (incl. standards like BLE, and ANT+)

Identity and Access Management
- Manage authentication and authorization
- Configure and manage certificate-based security via certificate stores, key management servers
- Integrate with M-Verge

Device Management
- Manage users, devices, topics and users
- Build access controls to manage & monitor devices

Diagram blocks: Innovation | Intelligence | Communication & Aggregation | Devices | Device Manager | Identity and Access Management | API & Services | Management Portal

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