Healthcare Unobstructed

Healthcare, to date, has been based on a one-size fits all approach, where treatment that works for the masses is assumed to work for the individual. In reality, you are not one of the masses - you are *you!* Given the recent growth in devices, sensors, and systems to capture health data, coupled with the unprecedented ability to analyze and derive insight from large data sets - modern healthcare can now be tailored to the individual - driving optimal patient outcomes. This new form of healthcare requires organizations to: connect to all forms of health data, engage patients through rich applications, and store sensitive data sets securely to provide better care for the individual.

CloudMine's Connected Health Cloud provides the interoperability, digital health development tools, and out-of-the-box security to empower precision medicine, and focus healthcare on the individual.
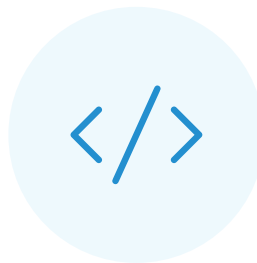
What is CloudMine's Connected Health Cloud?

The Connected Health Cloud enables healthcare organizations to connect and operationalize data while providing industry-leading security and compliance.

INTEROPERABILITY ENGINE

Connect to all sources of health data such as existing business systems, pharmacy benefit managers, sensors, wearables, and electronic health records (EHR).

DEVELOPER TOOLS

Simplify web, mobile, and IoT app development with front and back-end tools to build secure digital health apps quickly and without creating redundant infrastructure.

DATA SECURITY

Build robust applications and interface between a variety of systems in the most secure manner possible.

Our Commitment to Security and Compliance

Underlying all of the Connected Health Cloud's functions is a strict security framework that keeps CloudMine applications compliant with major governmental standards from end to end. Customers can rest at ease knowing that both physically and digitally, CloudMine has implemented some of the strictest and most effective security policies available, all to ensure the integrity and safety of all patient data.

- End-to-end encryption of data throughout the application architecture, securing data in-transit and at-rest
- Constant monitoring to record all activities related to data access and use
- Threat detection and alerting to ensure swift incident response
- Logging and reporting tools to make compliance audits easier and less disruptive
- Compliance certifications: HIPAA HITECH, HITRUST, EU-US Privacy shield, and ISO 27001:2013

Cloudmine Helps Your Organization

Rapidly deliver connected health apps that engage and improve the patient experience for increased reimbursement

Achieve true interoperability by combining existing healthcare data (EMR, business, etc.) with new-age wearables, sensors, and mobile apps

Leverage insight to unlock precision through integrated big data analytics, machine learning, and data science solutions

Remain compliant with certifications in HIPAA HITECH, ISO 27001:2013, and HITRUST, and compliance reporting to prove it

Always secure with end-to-end data encryption, constant monitoring, threat detection, and role-based access controls for sensitive data

Empower clinical research with support for business-friendly development tools, and support for Apple's ResearchKit & HealthKit

Automate intelligent patient engagement through trigger-based patient communication workflows such as SMS and push notifications

Features and Captions

INTEROPERABILITY ENGINE

Full support for HL7 and the new FHIR standard for interoperability

Integrate to leading EHR systems

Integrate to business systems such as SAP, Lawson (Infor), Oracle, etc. for billing, invoices, and historical transactions

Connect to wearables, sensors, and smart medical devices

Retrieve Pharmacy Benefit Manager data

Incorporate payer clearinghouse functions (x12)

Tap into custom data app running legacy databases and systems

DEVELOPER TOOLS

Platform-as-a-Service: Application logic engine for deployment and execution

Secure data processing and storage

Rapid front-end development through low-code and forms designer functions

Flexibility in programming languages with support for Java, JavaScript, and C#

Trigger-based workflow engine for app data monitoring, routing notifications, transactions, and info based on business criteria

Cross-platform: Xamarin (.NET, C#) and PhoneGap/Cordova (JS)

Health-specific libraries: ResearchKit/ HealthKit (Apple); Google Fit

Diagram labels: BUSINESS SYSTEMS; X12 & PAYER SYSTEMS; NATIVE LIBRARIES; CROSS PLATFORM; IOT & WIRELESS; EHR (HL7 & FHIR); BUSINESS LOGIC SYSTEMS; APPLE RESEARCH KIT; Interoperability Engine; Developer Tools; MEDICAL SENSORS; MOBILE APPS; DATA STORAGE AND ACCESS; WORKFLOW ENGINE; Security & Compliance; CONSTANT MONITORING; END-TO-END ENCRYPTION; THREAT DETECTION; AUDIT LOGGING; COMPLIANCE REPORTING