



Sierra Leone's Electronic Health
Records System

Overview

- About HealthConnect™
- System Features and Functionality
- Key Benefits
- Our Offer

Summary Description

About HealthConnect™

- A cloud-based Electronic Health Records (EHR) system that automates almost every aspect of clinical management, diagnostics and drug dispensing
- Helps practitioners get easy access to complete patient records, update, share and access relevant information in real time
- CRM features help patient have more access to their records and health care providers
- Operated by VAULT (SL) Limited

Some Key Features

Patient Appointment Schedule

Clinic, Lab, Pharmacy Management

Patient Medical Records

ICD-10 Coding Engine

Billing Management

Patient Portal (e-mail, SMS, apps)

Audit Trail & Login Tracking

Barcode Inventory Management

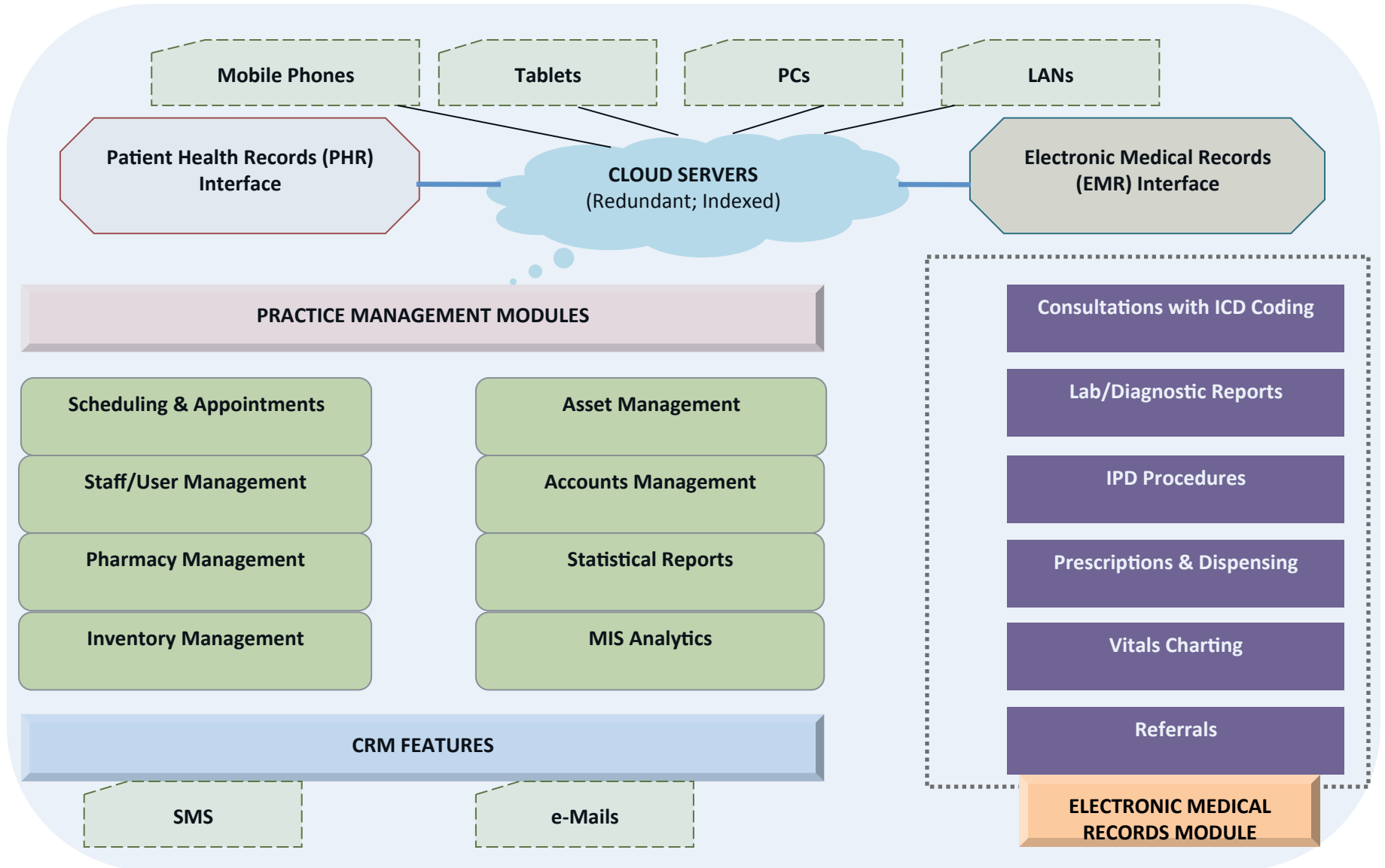
Analytics & Reporting

Knowledge Management

User-Privilege Management

HR Admin & Accounting

+HealthConnect™



System Features

- **Design**
 - Over 400 pre-created templates to aid consultation, lab & diagnostic tests, procedures and reporting
 - Built as a tablet and touch friendly application for use on mobile devices and to minimise reliance of 24Hr power supply
 - Single-screen, complete Patient Medical Record access enable

- **Security and Regulatory Compliance**
 - Ensures that **only** the right people see the right information with screen-level access control
 - Comprehensive audit trail keeps track of all who accessed specific records with time stamps and updates performed within the system; has filter options to zero in on specific records and access therein
 - Enables electronic performance of regulatory actions (e.g. approval of all drugs prescribed/dispensed using HealthConnect™ EHR system; mandatory requirement of more than 1 physicians/specialists to electronically sign for specific procedures performed to recorded in system)

System Features

- **Communication**
 - SMS and e-mail enabled functions for reporting, reminders and relationship management between hospitals and patients
 - Also available for communication between staff of clinics, hospitals, labs and pharmacies
- **MIS Reports**
 - Generates over 24 in-built MIS reports including Consultation Reports, ICD-10 diagnosis reports, Utilisation reports etc
 - Allows report generation queries based on various parameters
 - Reports can be exported in PDF, Excel to enable more detailed analysis
- **Infrastructure and Accessibility**
 - Deployed on domestic (SL-based) cloud servers with 99.99% availability
 - Existing connection agreements with local ISPs and TELCOs makes HealthConnect™ servers accessible at higher-speed and significantly lower internet data costs for all users
 - Cloud servers hosted in Sierra Leone can be accessed via public IP from mobile phones, tablets, PCs and LANs with access to internet via wifi or 3G telephone data service

System Functionality

- **Patient Appointment Schedule**

- Patients can use their portal to request appointments with their physician
- Hospitals/Clinics can confirm and manage patient appointment schedules
- Notification of confirmations and other updates on schedules can be done via automatic e-mail/SMS
- Full records of all visits for consultations and other procedures are kept in system

- **Patient Medical Records**

- Full medical history of visits, studies, diagnosis, other findings, prescriptions, lab and other diagnostic results, doctors and hospitals visited etc are maintained to enable better quality of care at future times
- The records are protected by maximum security protocols on VAULT Cloud Servers; accessible by:
 - patient (user name and password); (<https://myrecords.healthconnect.sl>)
 - certain persons with privileges in patients hospitals (e.g. physicians, nurses, lab techs, etc)
- Records can be accessed across hospitals/clinics using HealthConnect™ but subject to pre-defined protocols (e.g. only by other hospitals/specialists referred by the patient's physician or with electronic authorisation by the patient)

System Functionality

- **Clinical Practice Management**
 - Schedule patient appointments
 - Patient Vitals and Patient Charting
 - Consultations and diagnosis with ICD-10 integration
 - Procedures and surgery planning & management
 - Lab Tests and Other diagnostics
 - Prescriptions and integrated pharmacy management
 - Inventory Management
 - Internal communication (alerts and reminders)
 - Administrative reports and analytics
 - Staff addition/deletion in Software user management
 - Inflows, outflows, re-order alerts, stock reports
 - Accounts management
 - Patient Billing; Payables, Group/Corporate Billing, Financial Reports

HealthConnect™ Benefits for...

Patients

- Easier planning and on-time medical services
- Online access to medical records, alerts and notifications
- Downloadable versions of medical reports, test results and prescriptions

Nurses, Physicians and Specialists

- Simple Data Entry
- Easy access to complete patient medical history
- Easy report entry to patient records
- Internal and external referral system
- Scheduling alerts and status

Hospital Front Desk

- Quick scheduling of patient visits and updates
- Accurate status of calendars and other entries
- Integrated billing and correspondence to corporate and medical insurance groups

Ministry of Health

- Access to aggregate disease records via ICD-10 reports
- Access to a wide range of aggregate public health data
- Access to Hospital level MIS Reports

Lab/Diagnostic Technicians

- Simple Result Entry screen
- Multi-Level entry check
- Navigation between reports

Hospital/Clinic Managers

- Control over users access and privileges
- Access to user audit trail
- Complete overview of work loads and processes
- MIS Analytics

For More Information

www.healthconnect.sl

+232-30-HEALTH

+232-44-HEALTH