



Healthcare Clinical & Operational Technical Overview

Omnexa Healthcare module: facility hierarchy, outpatient scheduling, encounters, inpatient beds, clinical documentation aligned with FHIR-style records, diagnostics, pharmacy medication flows, billing via Healthcare Service Charge and Sales Invoice, plus stock integration.

Core Setup Entities



Healthcare Settings

Global module configuration



Healthcare Facility Profile

Facility/site profile



Healthcare Department

Clinical/admin departments



Healthcare Service Unit

Locations/rooms/consult suites

Patient & Encounter Management



Healthcare Patient

Patient master with identifiers and telecom patterns

Healthcare Appointment

Scheduled outpatient slots

Healthcare Encounter

Visit/episode of consultation or care event

Extended Care & Inpatient

Healthcare Episode Of Care

Bounded care pathway or program container

Healthcare Bed

Bed master per ward/unit

Healthcare Admission

Inpatient admission and stay tracking



Clinical Supporting Records



Healthcare Clinical Condition

Active/problem list patterns



Healthcare Allergy Intolerance

Allergy documentation



Healthcare Immunization

Immunization events



Healthcare Medication Statement

Intended/prescribed meds summary



Healthcare Medication Dispense

Dispensing event



Healthcare Observation

Vitals/clinical observations



Healthcare Service Request

Lab/imaging/other service orders



Healthcare Diagnostic Report

Results linkage



Healthcare Lab Sample

Sample/specimen workflow



Billing & Inventory

Healthcare Service Charge

Tariff accumulation and charge composition

Sales Invoice

Standard AR invoicing linkage

Stock Management

Item, Warehouse, Stock Entry, Stock Reconciliation, UOM for hospital consumables and pharmacy-lite stock motions

End-to-End Business Flows



OP Journey

Appointment → Encounter → Observation/Service Requests → Diagnostics → Charges → Invoice/Payment



IP Journey

Admission → Bed → Encounter(s) → Discharge KPIs → Billing



Pharmacy-Light

Medication statement → Dispense with stock implications



Lab/Diagnostics

Service request → Sample → Diagnostic report posting



Revenue Assurance

Encounter volume → Service charge rollup → Billing reports

Key User Personas



Front Desk / Scheduling

Managing appointments



Nurse / Medical Assistant

Recording observations



Clinician

Encounters, conditions, medications



Lab / Radiology

Service requests, samples, diagnostics



Billing / Cashier

Service charges and invoices



BI / CFO

Utilization and revenue reports

Detailed Implementation Scenarios

01

Facility Go-Live Checklist

Create Facility Profile, departments, Service Units. Configure Healthcare Settings.

03

Diagnostic Cycle

Raise Healthcare Service Request → Healthcare Lab Sample → record Healthcare Diagnostic Report for traceability.

05

Revenue Capture Same Day

Post Healthcare Service Charge composition and raise Sales Invoice per policy.

02

Outpatient Specialty Clinic Day

Patients scheduled via Healthcare Appointment. Each visit finalized as Healthcare Encounter with optional Healthcare Observation.

04

Inpatient Occupancy Management

Maintain Healthcare Bed. Use Healthcare Admission. Monitor reports for occupancy and LOS.

06

Stock Movement for Vaccines/Consumables

Use Stock Entry and reconciliation when inventory policy applies.

Key Reports & Analytics

Healthcare Encounter Summary

Encounter volume trends

Healthcare Appointment Utilization

Capacity vs booked slots

Healthcare Appointment Status Summary

No-show and cancelled mix

Healthcare Inpatient Occupancy

Bed usage

Healthcare Admission LOS Analysis

Average and median LOS

Healthcare Service Charge Summary

Charges by service and category

Healthcare Diagnostic Category Summary

Turnaround and category mix