

T C H E A L T H



T H E N E X T G E N E H R P L A T F O R M

Holistic Electronic Health Record (EHR)
powered next-generation clinical and
administrative information
management systems

18 December, 2023

TCH-EHR Platform

Clinical Systems

ORIGO

Integrated Hospital Information Management System (HIMS)

ALIS

Laboratory Information Management System (LIMS)

VITALIS

Blood Bank Information Management Systems

INTERACTO

Pharmacy Information System (PIS)

riPACS

Radiology Information Management System with PACS

MOKA

Mobile Blood Collecting & Carrier Tracking System

Administrative Systems

COMMENTUM

Clinical Engineering Information System

REDIMO

Procurement and Central Inventory Management

PAGO

Human Resources Information Management System

ENDIKE

Centralized Rule Based Test Request and Control System

VULNERA

Patient Bed-Score Tracking System

EyeIN

Hospital Active Monitoring and Crowd Management

CDSS

CAtenA

Bio-Informatic Solution for automatic evaluation of RT-PCR results

AnimArcA

Universal data collector and IOT solution for ICUs with ML-powered early alert system for Sepsis

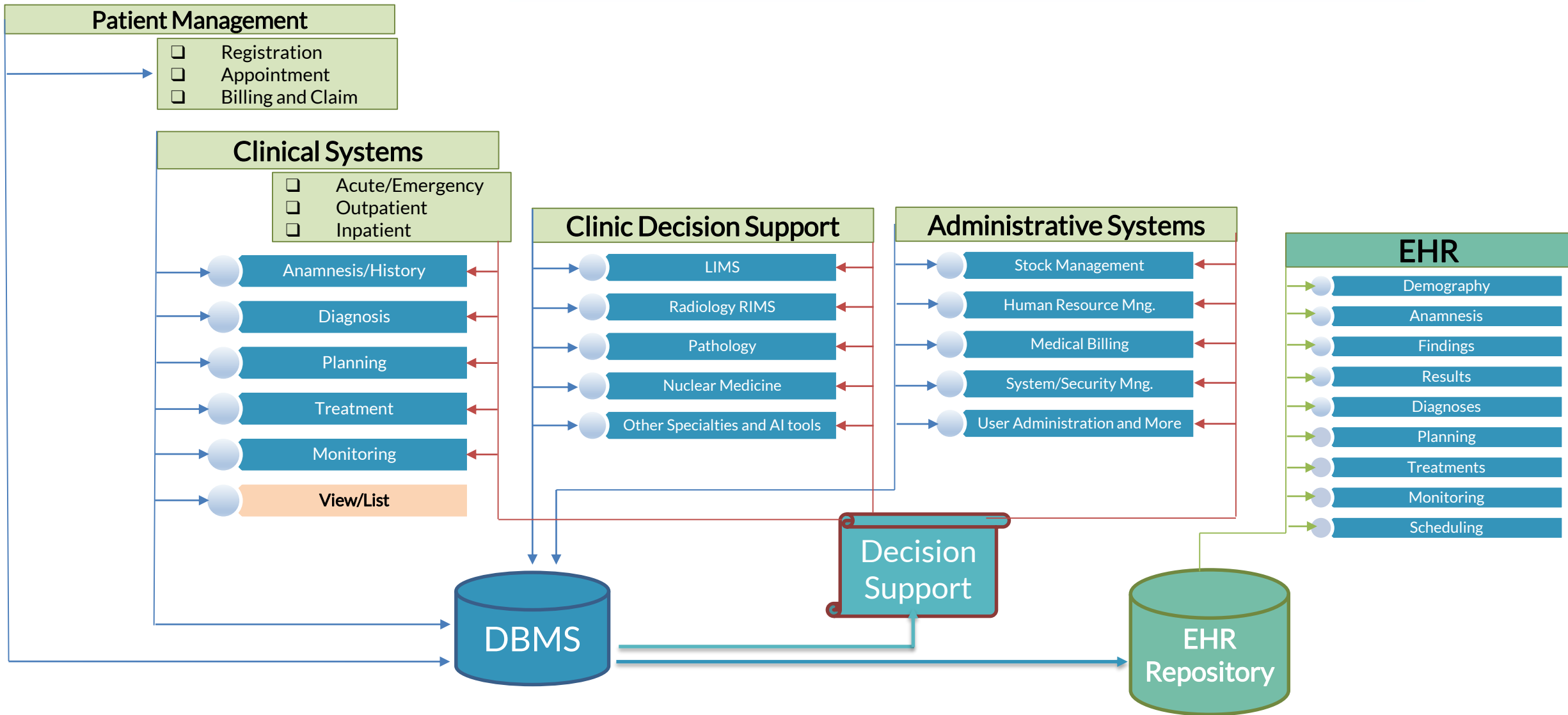
SmartECG

AIaS solution for arrhythmia identification and interpretation of ECGs

Smart X-Ray

AIaS solution for lung nodule segmentation from X-Rays

Modules and Components



Core Features

Modular Structure with all Components (HIS, LIS, RIS, PACS, AI)

Multiple Tenant & Provider Support (i.e. Multiple Hospitals, Clinics)

Central Appointment

Backend: **.NET 7.0**, Frontend: **React**

Micro Service Architecture, **Distributed** Application

DB free (Oracle, PostgreSQL, MSSQL, MySQL)

Dynamic **Multiple Language** Support

Platform free (Windows, Linux, Mac OS)

Browser free (All common browsers supported)

Log Management (ElasticSearch)

Cache Management (Redis)

Enhanced **Reporting** and **Decision Support**

File Server Management

Responsive and **Intuitive** Design

Enhanced **Security** Management

References



مدينة الملك فهد الطبية
King Fahad Medical City

ACIBADEM



REPUBLIC OF TURKEY
MINISTRY OF HEALTH



REPUBLIC OF TURKIYE MINISTRY OF HEALTH
GENERAL DIRECTORATE OF PUBLIC HEALTH
Hundreds of Facilities under TR MoH

- ✓ TS ISO/IEC 1504 – SPICE Level
- ✓ IHE Laboratory Domain
- ✓ IHE Radiology Domain
- ✓ ISO / IEC 27001 Information Security Management System (TURKAK approved)
- ✓ ISO 200000 Information Technologies Service Management System Certificate
- ✓ ISO 9001 Quality Management System Certificate
- ✓ ISO 10002 Customer Satisfaction Management System Certificate
- ✓ OHSAS 18001 Occupational Health & Safety Certificate
- ✓ TSE 13149 Service Quality Certificate

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Contact Us



+90 312 297 15 00



+61 417 293 239



+61 417 293 239



sales@tchealth.com.tr



www.tchealth.com.tr

