esehha

Health Information Technology

Company Profile

ABOUT US:

Who Are We ?

e-Sehha is a specialized healthcare IT system integrator headquartered in Riyadh, Saudi Arabia, which offers a variety of state-of-the-art healthcare information technology solutions and services that streamline processes, increase efficiency, enhance productivity, and improve health outcomes.

What Do We Do ?

We offer comprehensive health information technology platforms that simplify medical coding (ICD-10), health record management, endoscopy EHR, PACS and RIS, costing systems, revenue cycle management and training services.

Who Do We Serve ?

Our customers are major hospitals and medical cities in the public, private and military sectors..

OUR SOLUTIONS

Clinical Solutions

• Hospital Information System (HIS)

• Medical Coding (ICD-10)

• Data Classifications and Grouping

• Health Data Management (HDM)

• Endoscopy EHR

• Picture Archiving and Communication System (PACS)

• Radiology Information System (RIS)

• Blood Bank and Donor Management System

Administrative Solutions

• Healthcare Costing Solutions

• Billing and Revenue Cycle Management System

• e-Claims Solutions

• Voice Recognition and Dictation Solutions

• Primary Healthcare Center Systems

Hospital Information System (HIS)

A comprehensive solution that integrates the various functions found in the in-patient environment, improving operational efficiency, streamlining workflows, and facilitating the delivery of high-quality patient care.

Medical Coding Solutions (ICD-10)

This solution involves encoding software tools for translating documented patient health information into clinical diagnoses and procedures while adhering to local coding standards.

Classifications and Grouping Solutions

Our patient classification schemes and diagnosis-related groups (DRG) methodologies are designed to classify patients into the appropriate categories for easier resource management, data analysis, budgeting and funding purposes.

Endoscopy Health Record Managment (HER)

Our EHR system covers gastroenterology, oncology, pulmonology, pain management, urology, general surgery, ear, nose and throat, cardiology, orthopedics, pathology, obstetrics and gynecology, plastic surgery, podiatry, ophthalmology and dermatology.

Healthcare Costing Solutions

Our systems help users identify opportunities for cost saving and improved clinical resource efficiency, and to perform sophisticated and flexible costing using organization-wide costing rules together with exceptions:

• Can be used to select the tariff for activity-based funding (ABF)
• Allows benchmarking
• Easily assign costs down to the services level
• Improve patient safety
• Facilitates the development of clinical pathways
• Facilitates clinical engagement
• Allows service-line reporting

Revenue Cycle Management System

Billing and Revenue Collection is a healthcare-billing application that simplifies the complexities of the healthcare industry. It is a highly automated system that integrates easily with patient management and clinical systems to source the data required to generate invoices using local billing rules.
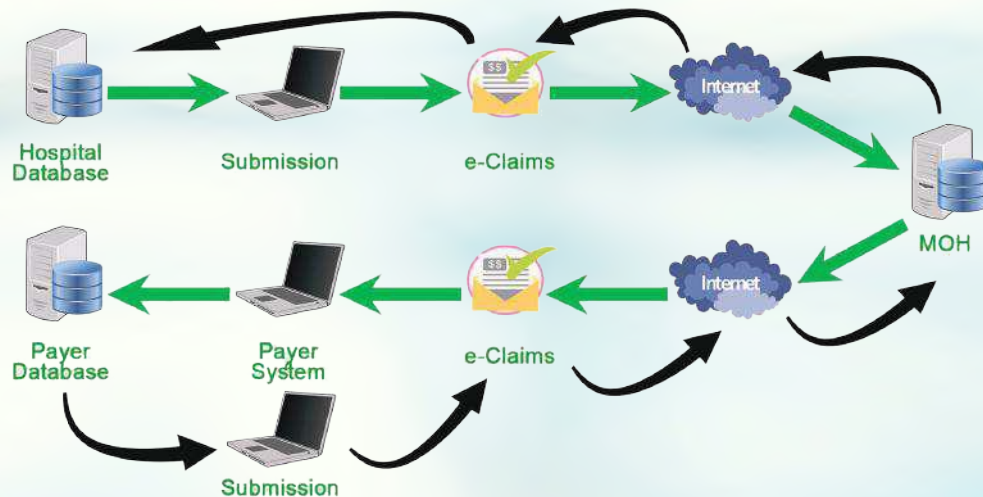
e-Claims Management System

Allows healthcare providers and health insurers to exchange data electronically.

If a medical provider already has the following:

• an electronic system (HIS, CMS, insurance system) in which information about patients and treatments is stored electronically;

• sufficient skills in their IT department or has contracted an experienced IT vendor;

• availability of codes for procedures, drugs, diagnoses, etc.;

…then e-Claims will certainly be able to improve organizational workflows.

Picture Archiving and Communication System (PACS)
Radiology Information System (RIS)

Key features:

- Intuitive user interfaces developed by radiologists for radiologists
- Easy installation and customizable integration

We have pioneered several innovations in the market:

- We are the world's first PACS vendor to introduce a full diagnostic mobile display
- We are the world's first provider of a fully automatic nuclear heart reconstruction
- Our DICOM reader has the highest available read-in rate of patient CD-ROMs
- We are the world's first PACS vendor to introduce true 12-bit grayscale display technology

Blood Bank and Donor Management System

Our award-winning blood bank and transfusion service management system combines current high-performance functionality with exciting new features to provide a comprehensive, cost-effective pre-transfusion testing and inventory management solution. It is a major asset to the laboratory-our system provides critical safety functions throughout, allowing users to focus on what is important: providing safe blood components, tissue, and derivative products to their patients.

Voice Recognition and Dictation Solutions

These systems help healthcare providers to create higher-quality documentation more efficiently with an integrated suite of speech-recognition solutions for physician documentation, clinical documentation improvement (CDI), coding and transcription solutions and services, as well as adoption services.

Our comprehensive suite of integrated documentation creation and improvement solutions delivers unparalleled flexibility, quality and usability to clinicians, thereby enabling them to easily and effectively document anywhere, in any manner and at any time they want.

OUR
PARTNER

3M
Science.
Applied to Life.™

"With nearly 30 years of health care industry experience and the knowledge of highly qualified 3M experts in payment-related methodologies, 3M Health Information Systems is the go-to choose for more than 7,500 hospitals worldwide that want to improve data quality, accuracy and financial performance.

Best known for their market-leading coding system and DRG expertise, 3M Health Information Systems delivers innovative software and consulting services designed to raise the bar for clinical documentation improvement, coding, case mix and quality outcomes reporting, and document management. They robust healthcare data dictionary and terminology services also support the expansion and accuracy of providers' electronic health record (EHR) system."

EndoVault specialties :

- Gastroenterology
- Urology
- General Surgery
- OB/GYN
- Pain Management
- Pulmonology
- Cardiology
- Orthopedics
- Otolaryngology
- Pathology

EndoVault®

With EndoVault®, administrative, business, clinicaldata and image management systems are fully integrated; giving increased efficiency, cost savings, enhanced quality of care and afford your organization enterprise wide interoperability.

- Improve Quality, Safety & Efficiency of Patient Care
- Achieve Better Clinical Outcomes & Care Coordination
- Engage and Empower Patients
- Maintain Privacy & Security of Patient Health Information
- Increased Efficiency & Transparency

EndoVault® EHR Modules

- Electronic Health Record (EHR)
- Electronic Nursing Record (ENR®)
- Procedure Documentation
- Scheduling
- Image & Video Management, DICOM Viewer

EndoVault®

automates and streamlines a clinician'sdaily workflow by giving them the ability to capture, store and access patient data across multiple care sites leading to better quality and coordination of care.

includes a built in e-prescription program (EndoVault® Rx), a CPOE with order sets, full procedure documentation, as well as an integrated PACS and DICOM viewer for image storage and retrieval.

PowerHealth

Knowledge | Experience | Results

Costing & Revenue

Power Performance Manager (PPM) is a web-based system that calculates service delivery costs and funding revenue based on clinical and financial data consolidated from other healthcare systems, to support business decisions.

Costing

Calculates the cost of hospital service delivery to measure business performance and identify areas requiring cost savings or improvements.
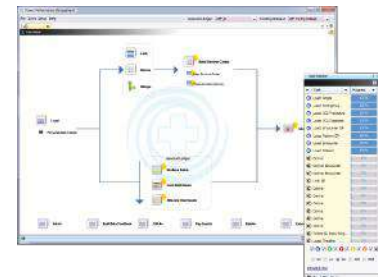
Revenue

Calculates public and private revenue streams using sophisticated business rules to reflect complex terms and conditions, such as government casemix or activity based funding, block-funded government grants, and private health insurance contracts.

Reporting

Monitors hospital performance through regularly generated reports that are distributed through e-mail. Custom reporting allows in-depth analysis of your data using simple yet powerful query tools.

Reporting Framework

Standardises State and National Health Authority statutory reporting across all participating hospitals, by setting up a customised reporting framework to process all hospital data through the same validating, mapping or processing steps into submission-ready files.
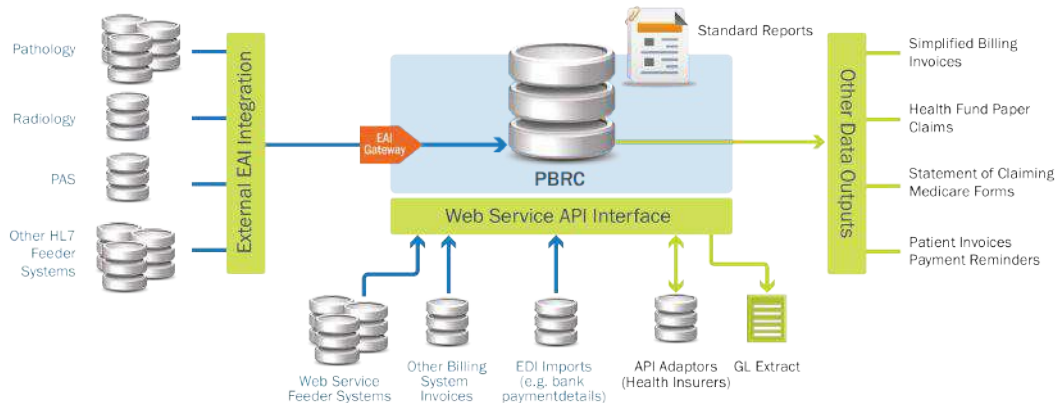
PowerHealth

Knowledge | Experience | Results

PowerBilling & Revenue Collection (PBRC) is an international healthcare billing application that tackles the complexities of the healthcare industry. It is a highly-automated system that integrates easily with patient management or clinical systems to source the data required to generate invoices using local billing rules.

Modules:

Integration – Billing - Accounts Receivable - Electronic Claims - General Ledger - Reporting

borda
IoT for Healthcare

REAL-TIME
TRACKING Solutions

Real-Time Tracking Solutions

- Indoor Wayfinding
- Personnel Tracking
- Asset Tracking
- Customer & Visitor Tracking
- Real-Time Location System (RTLS)

- Personnel Paging
- Valet Paging
- Customer & Visitor Paging
- Paging System

- Safety System
- Customer & Visitor Safety
- Asset Safety
- Personnel Safety

- Environmental Monitoring System
- Temperature Monitoring
- Humidity Monitoring
- Density Map

Borda Technology is a product and solution development and system integration company specializing in **RFID** Real Time Location System :
• Asset Management & Tracking.
• Infant Safety Solution.
• Patient Tracking & Safety system.
• RTLS Medical Equipments tracking with maintenance and calibration management.
• Environmental monitoring system.

Dedalus S.p.A.

Is able To Cover All The Segments Of The Healthcare IT Market Catering To All The Actors, From Hospitals To Clinics (private & public), From Primary Cares Centers To National And Regional Healthcare Authorities Worldwide.

A NEW DIMENSION IN DIAGNOSTICS

IMAGE Information Systems Ltd

PACs and Management Of Medical Imaging, RIS Solutions

iQ-SYSTEM PACS

iQ-SYSTEM PACS is a highly scalable picture archiving and communication system. It is installed in more than 5000 facilities ranging from small imaging centers to large multi-modality multi-site hospital installations across 97 countries. It is full-featured, state-of-the-art, robust and reliable, and available in most major world languages. The system is highly customizable with technical support provided in local languages by manufacturer-trained engineers.
 as TGA, GOST-R or JPAL.

The radiological workstation

is the most important part of a PACS sinc e doctors have to work with it all day long. The flagship of iQ-SYSTEM PACS is iQ-VIEW, the DICOM reading station. It offers user-friendly tools for the displaying and processing of any kind of medical images. Specialty tools for radiologists, orthopedics and nuclear specialists are smoothly integrated as well as a module for 3D post-processing.

iQ-WEBX

is a server software that combines a central storage, an archive, a central management system and a web-based image distribution. Server-sided integrations with other HIS, RIS or EMR can be done faster than you would expect using the included iQ-WEBX WADO. Tools for the automatic creation and burning of CDs and DVDs, for printing on paper or for providing worklists to modalities are optionally available.

iQ-RIS

is a flexible radiology information system, which can easily be customized to meet the requirements of any hospital or imaging center. Representing the next generation of radiology information systems, iQ-RIS offers superb tools for the optimization of the radiological workflow and allows an integration with almost any PACS. Since iQ-RIS is available as a modular system, it can be flexibly adapted to the individual needs of any radiology practice. Even the most basic version of iQ-RIS includes a number of valuable features to manage the radiological workflow in an optimal way.
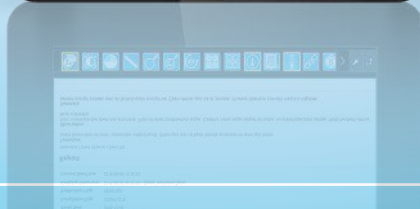A user-friendly calendar
A comprehensive scheduler
A consistent electronic medical record system
An integrated DICOM Modality Worklist provider
An integral workflow module

The world's first DICOM-calibrated medical tablet.
Your only superior, portable medical image solution.
Created by radiologists for imaging specialists.
Winner of the prestigious 2016 international iF Design Award.

Enjoy Image Analysis Anywhere

Enjoy Image Analysis Anywhere
Finally, the first portable DICOM calibrated medical image display is here — MED-TAB™. View, analyze, and send images anytime, anywhere. Think beyond workstation-only viewing. Think superior quality and unprecedented portability. Think endless possibilities.
It's not a medical laptop. It's not a radiology app. IMAGE Information Systems, a global leader in image technology, presents MED-TAB™ – the world's first DICOM compliant display for portable medical image analysis.
MED-TAB™ is uniquely created for continuous high-quality, incredibly precise image access from any location. It's the evolution of teleradiology solutions.

Our Projects For

VISION رؤيـــة
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

Vision Realization Office

وزارة الصحة
Ministry of Health

MOH-VRO Digital Health Transformation Portal

-Digital Health Transformation Portal : Main page for VRO transformation Projects roll out to be interactive Portal between the hospital and VRO Management to reflect MOH hospitals status/reality, define hospital requirements and standards, and tracking system for progress. Hospital will have access to update status to meet VRO requirements/standard and VRO will have a dashboard to view results. Home page will have access to AMB, BI, Documentations, etc…

-Data Submission Roll out & Support Services: in a nutshell to educate and support Hospital to comply with VRO requirement for Data Submission.

-Could Coding Solution: to enable all Paper Base Hospital with a simple temporary solution to code and collect the MDS for each encounter and submit the result on a monthly basis to ABM.

MOH-VRO Medical Coding Project

Scope:
Implementation of Clinical Coding Software for 291 MOH Hospitals in 20 Clusters in 5 regions in the kingdom.

Implementation Phases & Approach:
A- First phase 99 Hospitals in 6 Clusters (12 Months).
B- Second Phase 192 Hospitals in 14 Clusters (18 Months).
C- Centralized Implementation approach in MOH Data Center.

Clinical Software Solutions:
3M™ Codefinder™ Software.
3M Web Based Abstracting & Reporting Software.
3M™ Regulatory Data Submission Tool.

Total Implementation Period:
30 Months.

MOH-VRO Clinical Costing Project

Scope:
Implementation of PPM Clinical Costing Software for 291 MOH Hospitals in 20 Clusters in 5 regions in the kingdom.

Implementation Phases (5 Waves):
A- Wave 1: 4 Clusters.
B- Wave 2: 5-8 Clusters.
C- Wave 3-5: 9-20 Clusters by June 2022.
Software Solutions:
PPM (Power Performance Manager).
Total Implementation Period:
28 Months.

OUR CLIENTS

Sultan Bin Abdulaziz Humanitarian City — مدينة سلطان بن عبدالعزيز للخدمات الإنسانية

مستشفى الأمير محمد بن عبدالعزيز بالرياض — Prince Mohammed Bin Abdulaziz Hospital - Riyadh — PMAH

شركة الصحة القابضة — Health Holding Company

مستشفى الملك فيصل التخصصي ومركز الأبحاث — King Faisal Specialist Hospital & Research Centre — Gen. Org. مؤسسة عامة

مستشفى الملك خالد التخصصي للعيون — King Khaled Eye Specialist Hospital

مستشفى الملك فهد التخصصي بالدمام — King Fahad Specialist Hospital - Dammam

وزارة الصحة — Ministry of Health — مستشفى الملك سعود - عنيزة — King Saud Hospital - Unaizah

وزارة الصحة — مدينة الملك سعود الطبية — KING SAUD MEDICAL CITY

وزارة الصحة — مدينة الملك فهد الطبية — King Fahad Medical City

وزارة الصحة — Ministry of Health — رؤية VISION 2030

جامعة الإمام عبدالرحمن بن فيصل — IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY — مستشفى الملك فهد الجامعي - الخبر — King Fahad University Hospital - Al-Khobar

مستشفى الملك عبدالله بن عبدالعزيز الجامعي — King Abdullah Bin Abdulaziz University Hospital — جامعة الأميرة نورة بنت عبدالرحمن — Princess Nora bint Abdul Rahman University

المدينة الطبية بجامعة الملك سعود — King Saud University Medical City — 1957

وزارة الصحة — Ministry of Health — مجمع الدمام الطبي — Dammam Medical Complex

مستشفى القوات المسلحة بالظهران — Armed Forces Hospital - Dahran

مستشفيات القوات المسلحة بالشمالية الغربية — North West Armed Forces Hospitals

مستشفى القوات المسلحة بالجنوب — Southern Armed Forces Hospital

مستشفى الملك فهد العسكري - جده — King Fahad Armed Forces Hospital - Jeddah

مجمع الملك فهد الطبي العسكري بالظهران — King Fahad Medical Military Complex

مدينة الأمير سلطان الطبية العسكرية — Prince Sultan Military Medical City

مستشفى القوات المسلحة بوادي الدواسر — Wadi Al-Dawasser Armed Forces Hospital

رعاية المستشفى الوطني

مستشفى الحمادي — Al Hammadi Hospital

مستشفى الأحساء — AL AHSA HOSPITAL

مستشفى محمد الدوسري — MDH — Mohammad Dossary Hospital

Bupa بوبا — بوبا العربية — Bupa Arabia

مستشفى الدكتور عبدالرحمن المشاري — Dr. Abdul Rahman Al Mishari Hospital

المركز الطبي الدولي — International Medical Center

مستشفى الأطباء المتحدون - جده — UNITED DOCTORS HOSPITAL — United Doctors Hospital - Jeddah

شركة الشرق الأوسط للرعاية الصحية (ميكو) — MIDDLE EAST HEALTHCARE COMPANY (MEAHCO)

مستشفى قوى الأمن — SECURITY FORCES HOSPITAL — الرياض Riyadh

د. سليمان الحبيب — DR SULAIMAN AL HABIB

مستشفى الدكتور محمد الفقيه — DR.MOHAMMAD ALFAGIH HOSPITAL

مستشفى الملك عبد العزيز - الإحساء — King Abdul-Aziz Hospital - Al-Ahsa

مستشفى د حامد سليمان الأحمدي — Dr-Hamid Suliman Al-Ahmadi Hospital

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Health **I**nformation **T**echnology