Company Profile

ramyro

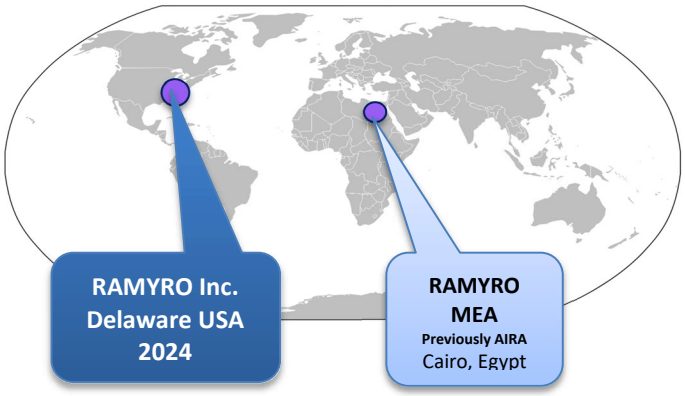
Transforming Healthcare with Intelligence

Contents

About Us

ramyro integrates intelligent solutions across the healthcare ecosystem, leveraging the power of artificial intelligence, with a focus on preventive health measures that prioritize proactive care, delivering precision diagnosis, and supporting cutting-edge therapeutic treatments.

Founded in early 2024 in the USA, the company is rapidly growing through strategic partnerships with key players in the healthcare sector and its first acquisition of an AI software development firm in Egypt, enhancing its portfolio.



Led by founders with deep expertise in strategic management, marketing, radiology, medical devices, and healthcare, ramyro is committed to revolutionizing the healthcare industry with intelligent, next-generation solutions driven by a team of experts in medical devices, healthcare software, and artificial intelligence.

ramyro History

Mission

At ramyro, our mission is to empower healthcare professionals through advanced, AI-driven solutions that enhance diagnostic accuracy, streamline clinical workflows, and elevate patient care. By

integrating cutting-edge technologies, we aim to improve healthcare efficiency and drive better patient outcomes across the continuum of care.

Vision

A Future Enhanced by AI

At ramyro, we envision a future where advanced AI and human expertise converge seamlessly to transform healthcare delivery. We are committed to pioneering accessible, AI-powered diagnostic solutions that elevate medical precision and efficiency worldwide.

Our focus extends beyond technology; we aim to deliver comprehensive, end-to-end healthcare innovations that empower clinicians and enhance patient outcomes. By ensuring global accessibility to cutting-edge tools, we strive to redefine standards in diagnostic accuracy, foster collaborative care, and improve the quality of healthcare for all.

Business Strategy

- Financial Growth and Performance: RAMYRO aims to sustain robust financial performance by achieving revenue growth that consistently exceeds industry benchmarks. The company is committed to maintaining a rising EBITDA through strategic investments, operational efficiency, and scalable business models.
- Global Brand Leadership: A key strategic objective is to establish RAMYRO as a globally recognized leader in intelligent healthcare solutions. This includes developing a strong, consistent brand identity and executing a comprehensive marketing and communications strategy to build awareness across target markets.
- Unified Intelligent Healthcare Platform: RAMYRO is developing and deploying an integrated, AI-powered healthcare intelligence platform designed to serve a wide spectrum of healthcare stakeholders. This includes hospitals, imaging and diagnostic centers, teleradiology and telehealth providers, and nationwide health initiatives. The platform will centralize medical imaging, diagnostics, reporting, and workflow management to deliver intelligent, data-driven care.
- AI Integration and Clinical Productivity: RAMYRO is committed to developing and integrating state-of-the-art AI modules that enhance diagnostic accuracy,

streamline reporting, and optimize clinical operations. These tools will empower healthcare providers to deliver faster, more precise care while improving productivity and reducing operational costs.

- AI Marketplace Ecosystem: The ramyro platform will serve as an open marketplace for third-party AI vendors to integrate their products. This ecosystem will enable healthcare organizations to access and deploy a comprehensive suite of validated AI solutions from a single platform—offering interoperability, flexibility, and efficiency.
- Market Expansion and Diversification: ramyro's growth strategy includes expanding into new geographic markets and diversifying its offerings to meet evolving customer needs. This includes forming strategic partnerships, leveraging local insights, and customizing solutions for regional healthcare challenges to steadily increase market share.
- Innovation and Strategic Alliances: To maintain a competitive edge, ramyro will invest in continuous innovation and strategic alliances with academic institutions, research organizations, and leading technology partners. These collaborations will accelerate the development of advanced healthcare solutions and support the company's mission to transform patient care through intelligent technologies.

Company Values

- Customer Centricity: At ramyro, our customers are at the heart of everything we do.
  We are deeply committed to understanding their needs and consistently exceeding their expectations. By acting with integrity and empathy, we aim to become an indispensable
- Innovation and Agility: We thrive on innovation and embrace transformation.
  Challenging the status quo is part of our DNA. We encourage an entrepreneurial mindset across our teams and partners, promoting continuous learning, adaptability, and forward thinking to stay ahead in a rapidly evolving healthcare technology landscape.
- People First: Our people are our greatest asset.
  We are committed to attracting, developing, and retaining exceptional talent. ramyro fosters a culture of empowerment, respect, and transparency, where all employees are recognized for their achievements and supported in reaching their full potential.
- Relentless Drive for Excellence: We pursue excellence with passion and purpose.
  Our goal is to outperform the competition by setting ambitious objectives, moving with speed

and precision, and delivering outstanding results. We take ownership of our performance and continuously raise the bar to achieve breakthrough outcomes.

- Collaboration Without Borders: We believe in the power of unity beyond boundaries. ramyro champions a collaborative culture that transcends departments, hierarchies, and geographies. We actively break down silos to enable teamwork, foster diversity, and build strategic partnerships with customers, suppliers, and stakeholders worldwide.
- Accountability and Impact: We are accountable for delivering real-world impact. Each member of the ramyro team takes personal responsibility for their work and its effect on patients, partners, and the healthcare ecosystem. We measure success not only by results but by the positive change we drive in the communities we serve.

Founding Team

Eng. Hossam Rady, M.Sc. MBA, Co-Founder and CEO
Experienced entrepreneur with 25+ years in healthcare engineering, IT, and medical imaging software. Founded and led multiple companies, excelling in strategic management, business development, product management, and AI-driven software development. Holds an MBA from ESLSCA Business School, Paris, and an MSc in Communication Engineering from Alexandria University, Egypt.

Eng. Mustafa Elattar, PhD, Co-Founder, V.P. & CTO
Leading expert in AI and medical imaging, co-founder of Intixel, advancing diagnostics and treatment planning. Mustafa earned a Ph.D. in Biomedical Engineering from the University of Amsterdam, focusing on AI in cardiac imaging. With over 90 publications, his work spans cancer screening, cardiac diagnostics, and AI-driven treatment solutions. He also launched Ramyro, a healthcare AI startup, and is an Associate Professor at Nile University

Eng. Nael Osman, PhD., Co-Founder, Non-Executive
Accomplished researcher and academician specializing in cardiac MRI technology, advancing heart function measurement with 60+ publications, 100+ conference proceedings, 6 US patents, and 3 inventions. He has mentored 6 PhD graduates. As an entrepreneur, he founded and led a company, securing seed and venture funding. His expertise spans innovation, product development, research funding, and academic publications, including 4 book chapters.

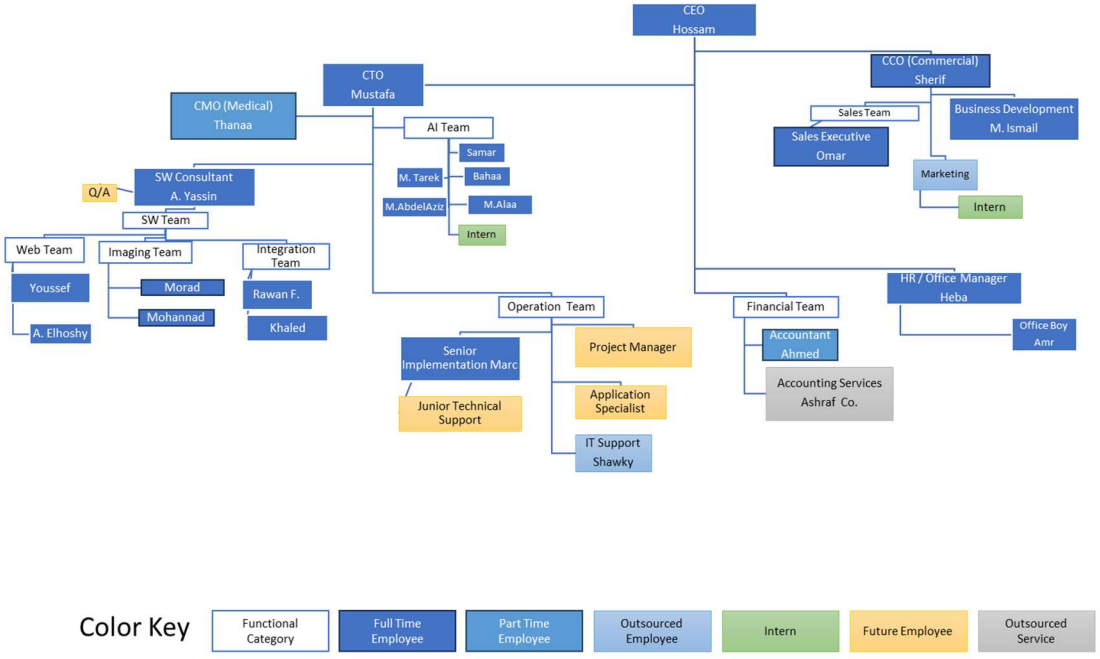
Dr. Thanaa Mohannad, Co-Founder and CMO
Healthcare professional with 20+ years in radiology and AI-driven solutions. Co-Founder and CMO of RAMYRO, she integrates advanced technology into medical imaging. With expertise in radiology, consultancy, and nutrition, Dr. Mohannad holds a Master's in Radiodiagnosis and a diploma in Clinical Nutrition, focusing on healthcare innovation and market integration.

Dr. Sherif Rashed, Co-Founder, Non-Executive
Seasoned healthcare leader with 25+ years of experience at industry giants like GE and Philips Healthcare. He has driven innovation, guided products to market leadership, and scaled startups globally, with a focus on the Middle East and Africa's complex regulatory landscapes. A mentor and strategist, he excels in market expansion, strategic partnerships, and integrating emerging trends to advance global healthcare.

Eng. Ahmed Yassin, Co-Founder, Software Consultant
Seasoned software engineer and project manager with over 18 years of experience in software development, system architecture, and project management. As a certified Scrum Master with an Agile Foundation Certification, He Had successfully led cross-functional teams to deliver complex software projects. He is proficient in database design, OOP principles, UML diagrams, and design patterns, with expertise in C#, C++, WPF, Web, and Mobile apps.

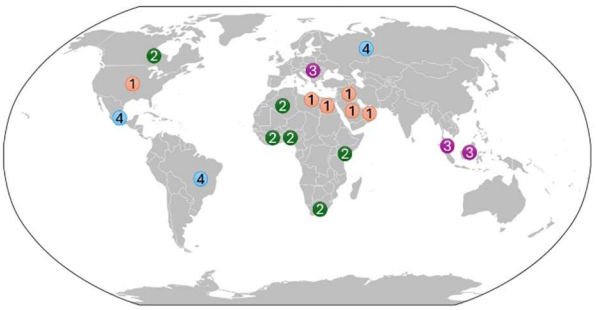
Ramyro Organization Structure

ramyro operates through a streamlined and agile organizational structure that supports innovation, scalability, and cross-functional collaboration. At the core is a seasoned executive leadership team based in the United States, overseeing strategic direction, global partnerships, and corporate governance. Our Cairo-based technology and development hub hosts multidisciplinary teams in software engineering, AI research, clinical validation, and quality assurance. The company is organized into key departments, including Product Development, AI & Data Science, Clinical Affairs, Business Development, and Customer Success. This structure enables ramyro to maintain close alignment between clinical needs, technical execution, and market delivery, while fostering a culture of continuous innovation and rapid response to evolving healthcare demands.



Target Markets

ramyro strategically serves a diverse range of healthcare stakeholders across global markets. Our primary target segments include hospitals, diagnostic imaging centers, teleradiology service providers, and national screening programs seeking cutting-edge PACS, VNA, and AI-powered enterprise imaging solutions. We also cater to dental and cardiac imaging clinics, private healthcare networks, and government health ministries implementing large-scale digital health initiatives. With operations in the U.S. and a strong presence in emerging markets like the Middle East and Africa, ramyro is uniquely positioned to meet the growing demand for scalable, interoperable, and intelligent imaging platforms that enhance diagnostic accuracy, operational efficiency, and patient outcomes.



key Differentiators

- **25+ years** of radiology, imaging, and software experience
- Clinically validated AI modules integrated across workflow
- Scalable architecture for national screening & teleradiology
- Vendor-neutral integration of 3rd-party AI and systems
- Based in the USA with R&D operations in Egypt for agile deployment in emerging and developed markets

Strategic Partnerships

ramyro collaborates with AI vendors, healthcare ministries, medical universities, and device manufacturers to ensure alignment with real-world clinical needs and regulatory standards.

Academic Research & Development in Healthcare AI

ramyro is deeply committed to advancing academic research and innovation in the field of healthcare artificial intelligence. Our R&D team, composed of experienced radiologists, AI scientists, and medical imaging software experts, collaborates closely with academic institutions, research hospitals, and global AI partners to develop clinically validated algorithms for diagnostic support, disease screening, and workflow automation. We actively contribute to peer-reviewed publications, AI model training on diverse datasets, and real-world clinical studies to ensure our solutions are both evidence-based and globally adaptable. With a dedicated development hub in Egypt, ramyro also supports talent development, joint research programs, and innovation labs focused on applying AI to radiology, oncology, cardiology, and public health screening.

ramyro Solutions

ramyro offers a comprehensive suite of intelligent imaging and diagnostic solutions built around its flagship platform, **ramOS™, an AI-native, vendor-neutral enterprise imaging operating system**. ramOS unifies PACS, VNA, AI orchestration, AI-driven reporting, and smart workflow management into a single, scalable architecture that supports hospital groups, teleradiology providers, and national screening programs.

At the core of ramOS is its integrated **AI orchestration engine**, which orchestrate a range of advanced diagnostic Intelligent tools to assist radiologists in accelerating, enhancing, and triaging clinical workflows.

ramyro provides a portfolio of in-house and partner-developed AI modules, including **chest X-ray triage** (for TB, pneumonia, lung nodules), **mammography analysis** (for breast cancer screening), comprehensive MRI Spine AI module, **prostate MRI assessment**, CT lung nodule analysis and **brain CT bleeding detection**, **dental panoramic imaging**, **cardiac CT and coronary calcium scoring**, and **automated bone age estimation and many more**.

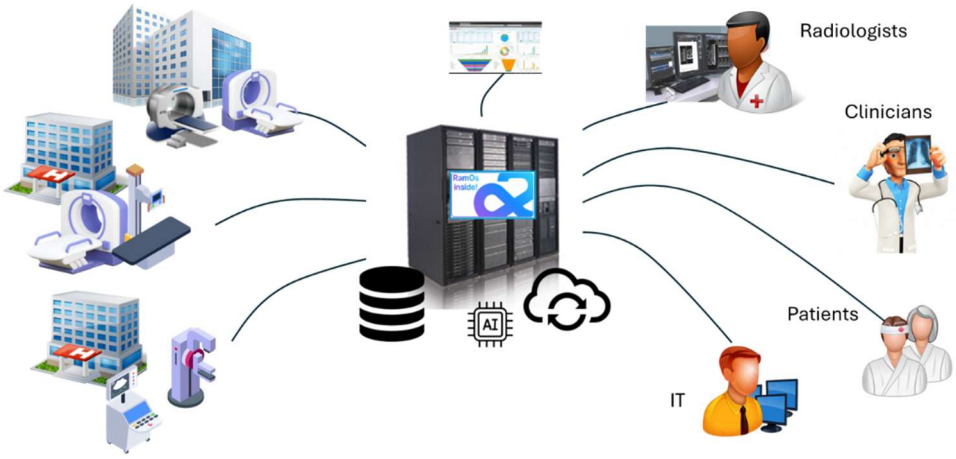
These AI modules are seamlessly embedded into the radiologist's reporting interface for real-time decision support and workflow automation. In addition, RAMYRO's negative triage functionality enables rapid screening prioritization for public health initiatives, while its modular deployment allows integration with third-party AI vendors through standardized APIs, DICOM and HL7 protocols. This flexibility ensures that healthcare institutions can adapt, scale, and innovate without being locked into proprietary systems, making RAMYRO the ideal technology partner for next-generation imaging environments.

ramyro Products

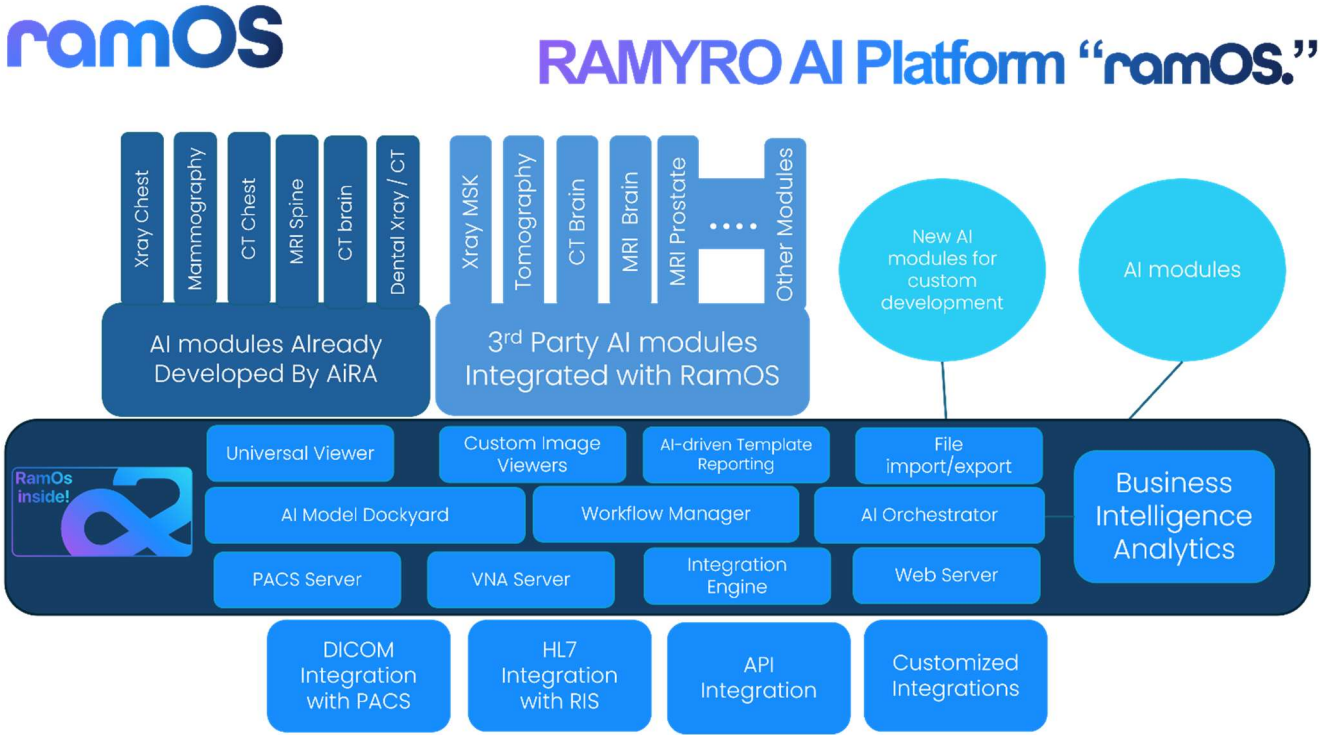
ramOS

ramOS™ is ramyro's flagship enterprise imaging platform, designed to unify medical imaging, artificial intelligence, and clinical workflow into a single, intelligent operating system. Built with interoperability and scalability at its core, ramOS™ seamlessly replaces outdated PACS and VNA systems, integrates AI modules from multiple vendors, and supports high-throughput teleradiology and multi-site operations.

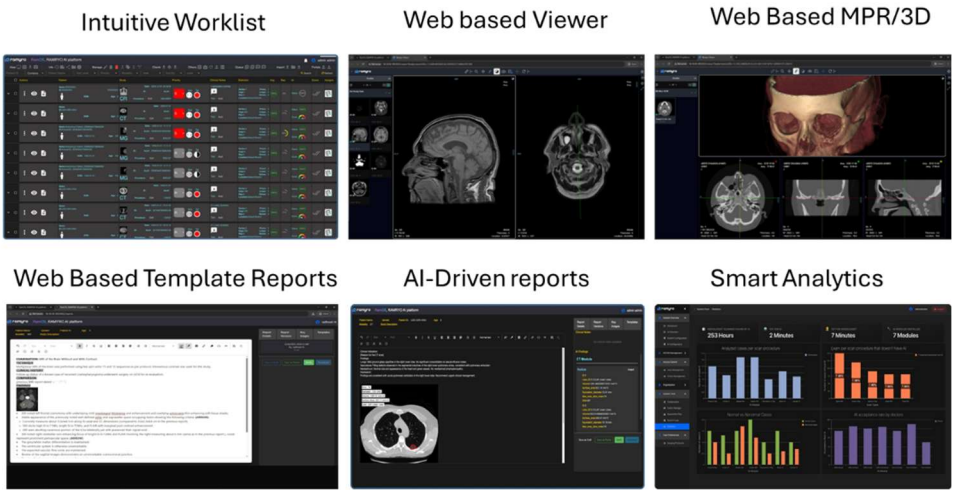
It offers advanced features such as AI-powered triage, zero-footprint viewing, structured reporting, and enterprise-grade image archiving — all accessible through a modern, intuitive interface. ramOS™ empowers healthcare providers to increase diagnostic accuracy, streamline radiologist productivity, and deliver faster, more precise patient care across imaging networks of any scale.



At its core, ramOS includes essential server components such as a high-performance file server for image storage, a secure database server for metadata and reports, and a scalable web server that supports seamless access across clinical environments.
The system features integrated DICOM and HL7 engines to ensure interoperability with HIS, RIS, and modality systems, as well as RESTful Web APIs for integration with third-party healthcare applications.



ramOS includes A smart worklist engine enables users to prioritize studies using AI-driven scoring for criticality, STAT flagging, and TAT (Turnaround Time) analysis. Clinicians benefit from a universal, web-based image viewer with diagnostic capabilities and an intelligent, AI-assisted reporting interface that adapts to each imaging modality. The ramOS AI Orchestrator manages and harmonizes AI modules across multiple verticals—including X-ray, mammography, CT, and MRI—from ramyro and its partner companies, enabling automated abnormality detection and streamlined diagnostic workflows.



AI Modules by ramyro and Partners

ramyro offers a growing portfolio of AI-powered diagnostic modules developed in-house and through strategic partnerships with leading AI companies worldwide. These AI verticals address key clinical areas such as chest X-ray and CT analysis, breast imaging, prostate MRI, lung cancer detection, dental imaging, stroke assessment, and TB screening. Each module is available as a **standalone AI solution** or can be **seamlessly integrated into the ramOS™ platform**, enabling hospitals and imaging centers to adopt AI at their own pace. With full interoperability, regulatory compliance, and customizable workflows, ramyro's AI modules enhance diagnostic speed, accuracy, and consistency while supporting scalable deployment across single departments or national health programs.

Integrated AI Modules - Xray

Body Part	Name	Description	FDA	CE	Vendor	Country
CHEST	ChestSight	Detects 143 thoracic structures and abnormalities, including cardiomegaly, lesions, fractures, and edema, with high precision. Enhanced Imaging with Rib Suppression, Disease Identification, and an Efficient Screening Tool	No	No	AIRA	Egypt
Full Body	AZ-TRAUMA	detecting fractures, dislocations, and joint effusions on X-rays.	Yes	Yes	AzMed	France
CHEST	AZ CHEST	automatically categorizes, detects, and reports the main cardiac and lung abnormalities on X-rays.	Yes	Yes	AzMed	France
CHEST	AZ Measures	automated characterization of osteo-articular geometries, including lengths and angular positions.	No	Yes	AzMed	France
HAND	Az Boneage	automated calculation of the bone age of paediatric patients, based on the reference Greulich & Pyle methodology	No	Yes	AzMed	France
CHEST	hChestXR	Elevating chest X-ray diagnostics with unparalleled AI precision, hChestXR is the future of rapid and accurate radiological interpretations.	No	Yes	Hevi.ai	Turkey

Integrated AI Modules - Mammo

Body Part	Name	Description	FDA	CE	Vendor	Country
CHEST	MammoSight	AI-Powered Screening and Detection, Lesion Quantification, Breast Density Analysis, Anatomy-aware abnormality detection algorithm with a screening sensitivity of 97.2% and, mass detection accuracy of 87.3%, and calcification detection accuracy of 86.8%.	No	No	AIRA	Egypt
CHEST	hBreastMMG	Empowering mammogram interpretations with AI-driven precision, hBreastMMG transforms breast cancer diagnostics.	No	Yes	Hevi.ai	Turkey

Integrated AI Modules - CT

Body Part	Name	Description	FDA	CE	Vendor	Country
CHEST	LungSight	Advanced AI algorithms for pulmonary nodule detection, Negative Triaging Capability, Small Lesion Detection,3D Quantification	No	No	AIRA	Egypt
BRAIN	CerebroSight	Automated CT Brain Analysis for Haemorrhage Detection, Mid-line Sift and fractures	No	No	AIRA	Egypt
BRAIN	hStroke CT	Enabling accurate and rapid diagnosis for intracranial bleeding.	No	Yes	Hevi.ai	Turkey
BRAIN	hStroke LVO	Enabling accurate and rapid diagnosis for large vessel occlusion.	No	Yes	Hevi.ai	Turkey
BRAIN	hStroke DWI	Enabling accurate and rapid detection of ischemia and calculation of the ischemic core	No	Yes	Hevi.ai	Turkey
BRAIN	hStroke CTP	Enabling accurate and rapid estimation of ischemic core and penumbra in stroke patients.	No	Yes	Hevi.ai	Turkey
ABDOMEN	Sycai Pancreas	Non-invasive screening algorithm that anticipates pancreatic, hepatic, and renal cancer by detecting & identifying focal lesions, automating their monitoring.	No	Yes	Sycai Medidcal	Spain
ABDOMEN	Sycai Liver	Non-invasive screening algorithm that anticipates pancreatic, hepatic, and renal cancer by detecting & identifying focal lesions, automating their monitoring.	No	Yes	Sycai Medidcal	Spain
ABDOMEN	Sycai Kidney	Non-invasive screening algorithm that anticipates pancreatic, hepatic, and renal cancer by detecting & identifying focal lesions, automating their monitoring.	No	Yes	Sycai Medidcal	Spain
BRAIN	CT Stroke	Automated CT perfusion maps and suto segmentation of infarct core and hypo perfused volumes	Yes	Yes	cercare	France

Integrated AI Modules – MRI

Body Part	Name	Description	FDA	CE	Vendor	Country
SPINE	SpineSight	Assist in the detection, classification, and quantification of spinal abnormalities such as disc herniation, spinal stenosis, degenerative changes, and vertebral fractures. Automating routine measurements and highlighting clinically relevant findings, AI enhances diagnostic accuracy, reduces reporting time, and supports radiologists in making more informed decisions.	No	No	AIRA	Egypt
PROSTATE	hProstate	Empowering radiologists with AI-enhanced accuracy, hProstate transforms prostate imaging interpretation for precise diagnostics.	No	Yes	Hevi.ai	Turkey
BRAIN	MRI Stroke	Automated MRI perfusion maps and SUTO segmentation of infarct core and hypoperfused volumes	Yes	Yes	cercare	France
BRAIN	MRI Neuro Advanced - perfusion	Fully automated perfusion processing application for perfusion maps and MR DSC perfusion + vascular model perfusion markers	Yes	Yes	cercare	France

Integrated AI Modules – PET/CT

Body Part	Name	Description	FDA	CE	Vendor	Country
PET/CT	PETSight	advanced quantitative analysis and intelligent workflow automation to enhance oncologic imaging interpretation. The module automatically detects and segments hypermetabolic lesions, quantifies SUVmax, SUVmean, metabolic tumor volume (MTV), and total lesion glycolysis (TLG), and enables consistent longitudinal comparison across studies for precise therapy response assessment.	No	No	AIRA	Egypt

Integrated AI Modules – Dental

Body Part	Name	Description	FDA	CE	Vendor	Country
DENTAL	Xray Panorama AI	The Dental Panoramic AI Module enhances dental diagnostics by automating quadrant segmentation, teeth enumeration, and disease detection with high accuracy.	No	No	AIRA	Egypt
DENTAL	CBCT Orthodontics AI	The Dental CBCT AI Module uses deep learning to automate and accurately segment CBCT scans, creating precise 3D dental models.	No	No	AIRA	Egypt

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