

OMEGAAI® BROCHURE • 2026

Cloud-Native, Zero-Footprint RIS/PACS/VNA Platform.

The all-in-one imaging platform engineered for modern care — unifying RIS, PACS and VNA on a secure, cloud-native foundation.

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INTRODUCTION

Meet OmegaAI®

The all-in-one imaging platform for modern care.

OmegaAI® is the world's first cloud-native, zero-footprint platform combining RIS, PACS, and VNA into a single, unified solution. Built on Microsoft Azure, OmegaAI® is engineered for incomparable speed, flexibility, and security — empowering imaging organizations to streamline operations, enhance diagnostic accuracy, and deliver faster, patient-centered care.

1
Fully Cloud-Native

No servers, no manual updates, no hassle.

2
Zero-Footprint Access

Instant imaging access from anywhere.

3
Single Platform: VNA + RIS + PACS

Eliminate data silos. Reduce maintenance.

4
Interoperable by Design

HL7®, FHIR®, and DICOM® compliant.

5
Powered by Microsoft Azure

Enterprise-grade security, resilience, and scalability.



Powered by
Microsoft Azure Cloud

100%
CLOUD NATIVE

0
ON-PREM SERVERS

750+
INSTALLATIONS

22+
COUNTRIES

LICENSING

Flexible Licensing, Built for Your Workflow

OmegaAI®'s tiered licensing model is designed to fit a range of imaging and reporting needs. Each tier includes essential tools with the option to add advanced features as needed.

INCLUDED IN EVERY LICENSE

Every OmegaAI® license includes access to core platform capabilities.

✓ User, Organization, Study & Patient Management	✓ Logs and Worklist
✓ Document Viewer (no reporting)	✓ Forms
✓ Workflow Engine	✓ Root Business Analytics
✓ Integrated HIPAA-compliant chat, voice, screenshare	✓ Teaching Folders
✓ OmegaAI LINK – integrated virtual router	✓ OmegaAI Share – on-the-go viewing

Need advanced capabilities?

Add VNA/PACS, RIS, Reporting, or Imaging EMR as optional tiers.

[See tiers →](#)

CHOOSE YOUR TIER

Built to fit every imaging operation.

VNA/PACS

OmegaAI® VNA/PACS
Robust, cloud-native storage and image transmission. Perfect if you already have a separate RIS or don't need scheduling or reporting.

RIS

OmegaAI® RIS
Manages patient information, scheduling, and front desk workflows. Enables document handling, appointments, and core info system tasks.

REPORTING

OmegaAI® Reporting
Focused on reporting needs. Adds comprehensive reporting and documentation. Add to existing licenses or use standalone with other PACS.

IMAGING EMR

OmegaAI® Imaging EMR
Single cloud-native app merging full RIS and PACS — scheduling, capture, diagnostic viewing, reporting, and long-term archive in one workflow.

ADD-ONS

Faxing enables inbound & outbound communications — essential for handling external communications.

PLATFORM CAPABILITIES

At-a-glance tier comparison

	VNA/PACS	RIS	Reporting	Imaging EMR
Platform	●	●	●	●
Image Viewer	●	○	●	●
Report Editor	○	○	●	●
Scheduler	○	●	○	●

VIEWER

Progressive Image Rendering

High-speed, zero-footprint viewer designed for modern radiology workflows.



01

Instant Image Loading

Cloud-streamed pixels appear in under a second — no full downloads, no delay.



02

Adaptive Quality

Progressive rendering scales image fidelity as the radiologist zooms, pans, and inspects.



03

MPR & 3D Ready

Reconstructions, MIPs, and PET/CT fusion render smoothly from the cloud.



04

Zero-Footprint Access

Fully browser-based. No installs, no plugins, no hardware provisioning.



05

AI-Assisted Triage

Prioritization markers surface critical findings the moment a study loads.



06

Collaborative Viewing

Securely share sessions with referrers, colleagues, and patients in real time.

** Available to users as an optional functionality.

CONNECTED CARE

Be Connected.

Interoperability that drives collaboration.

OmegaAI® breaks down barriers between systems and providers. Built with HL7®, FHIR®, and DICOM® standards, it integrates easily with new and legacy systems for a truly connected imaging experience.

HL7®

FHIR®

DICOM®

REST API

OAuth 2.0



OmegaAI LINK

A free, cloud-managed DICOM router that securely connects any DICOM-capable device to OmegaAI® with bidirectional image routing and modality worklist support.



Integrated Chat & Secure Messaging

Breaks down barriers internally too — instant collaboration between radiologists, technologists, and front-desk staff.



OmegaAI Share

Instant, secure web links or QR codes let you share images and reports with patients, referring physicians, or other facilities.



Total Integration

Connect with referring physicians, EMRs, third-party apps, AI engines, and more — no VPN required.



Unlimited Scalability

Easily scale across sites, users, and modalities without infrastructure overhead.

SECURITY & COMPLIANCE

Be Secure.

Trust built on Microsoft Azure.

With OmegaAI®, your data is safe, compliant, and always accessible — hosted on Microsoft Azure with end-to-end protection, no on-prem burden.



Zero-Disruption Updates

System improvements happen quietly in the background.



Built-In Disaster Recovery

Geo-redundant cloud storage ensures business continuity.



Ransomware Secure

Stay protected against ransomware and malware threats.



Compliance Standards

HIPAA, SOC 2 Type II, GDPR, ISO 13485, The Cures Act.



OmegaAI LINK

Cloud gateway replacing VPN tunnels while maintaining secure transfer.



Federated Login

Minimizes password hassle while keeping data HIPAA-safe.

CERTIFICATIONS

HIPAA

SOC 2

GDPR

ISO 13485

CURES ACT

BUILT FOR YOUR TEAM

Tailored for every role.

Whether you're reading studies or running a practice, OmegaAI® meets you where you work.

FOR RADIOLOGISTS



- AI-powered voice dictation and report creation**
- Viewer tools – MPR, PET/CT fusion, CAD markers
- Teaching folders for education and peer review
- Prior-pull and smart routing for better comparison
- Seamless study sharing with embedded links & QR
- Flexible viewing protocols – layouts, zoom, orientation

FOR PRACTICE MANAGERS

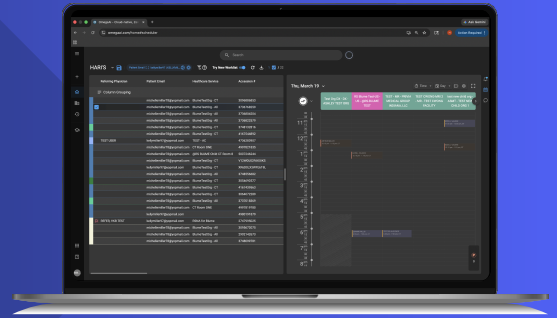


- Billing details captured for easy export
- Dynamic scheduler with self-service appointments
- Real-time analytics and reporting via Root BI
- Integrated communication – chat, email, SMS**
- Smart intake forms and patient registration
- Automated workflows & smart notifications

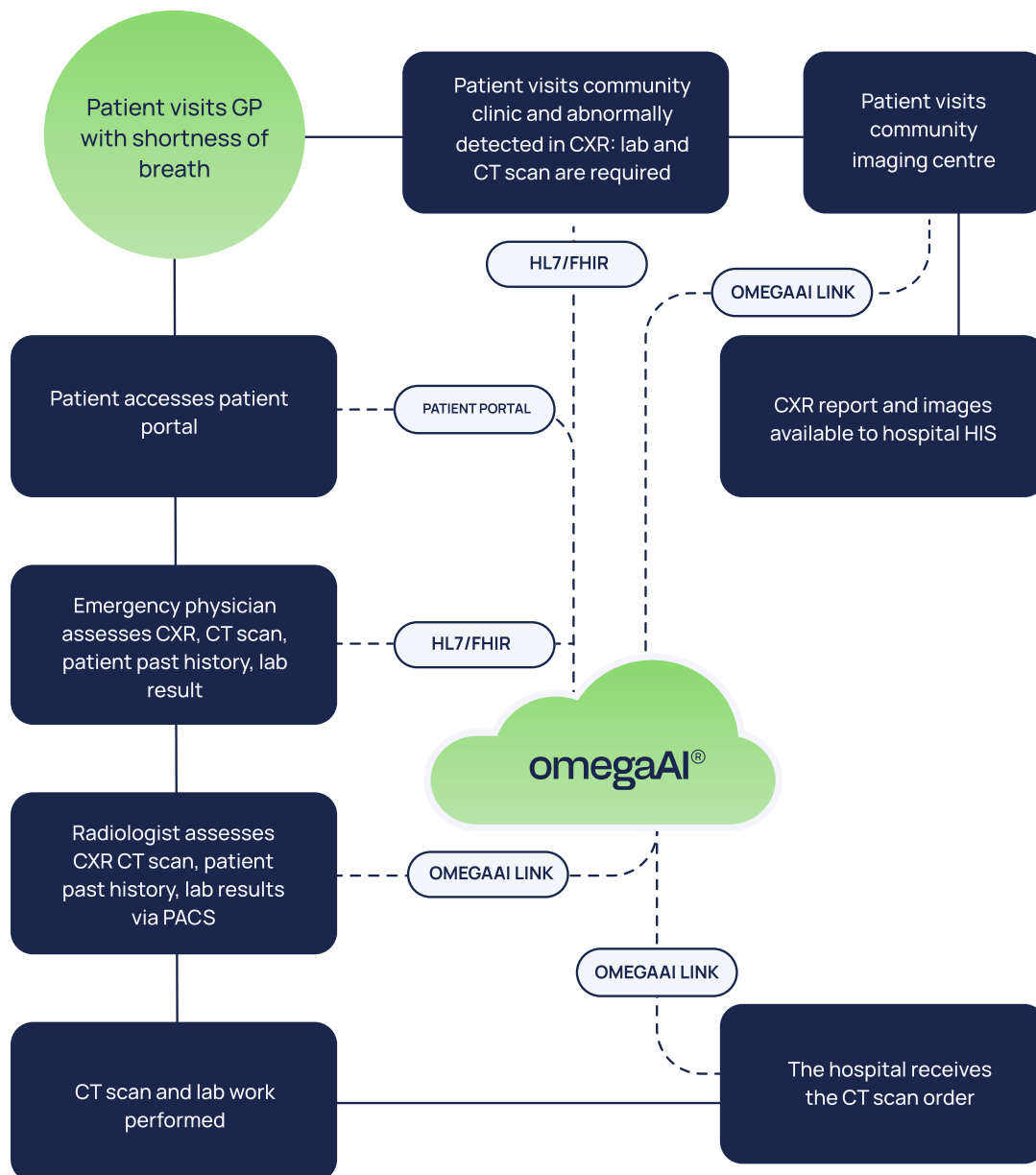
** Available to users as an optional functionality.

END-TO-END WORKFLOW

A Seamless Imaging Journey.



OmegaAI® streamlines every stage — scheduling, exam capture, final reporting, and distribution — through a single cloud-native platform that eliminates on-prem servers and unifies your team around patient care.



Every handoff — from scheduling to distribution — flows through OmegaAI®, eliminating manual tasks and keeping everyone aligned on the patient.

PATIENT ENGAGEMENT

Integrated Patient Engagement with Blume®

OmegaAI® integrates with Blume® — RamSoft’s cloud-native patient engagement solution — to simplify front desk tasks and elevate the patient experience. Secure access for patients. Better efficiency and compliance for practices.

PATIENT PORTAL

Blume® Patient Portal

24/7 access to images, reports, and secure sharing. Optional forms, notifications, and self-scheduling.

FRONT DESK

Blume® Automated Front Desk

All-in-one automation — forms, notifications, scheduling, and upcoming AI Order Processor.

Fully integrated with OmegaAI®, Blume® helps streamline intake, cut costs, and enhance satisfaction — no extra infrastructure needed.

CAPABILITY MATRIX

What’s included vs. add-on

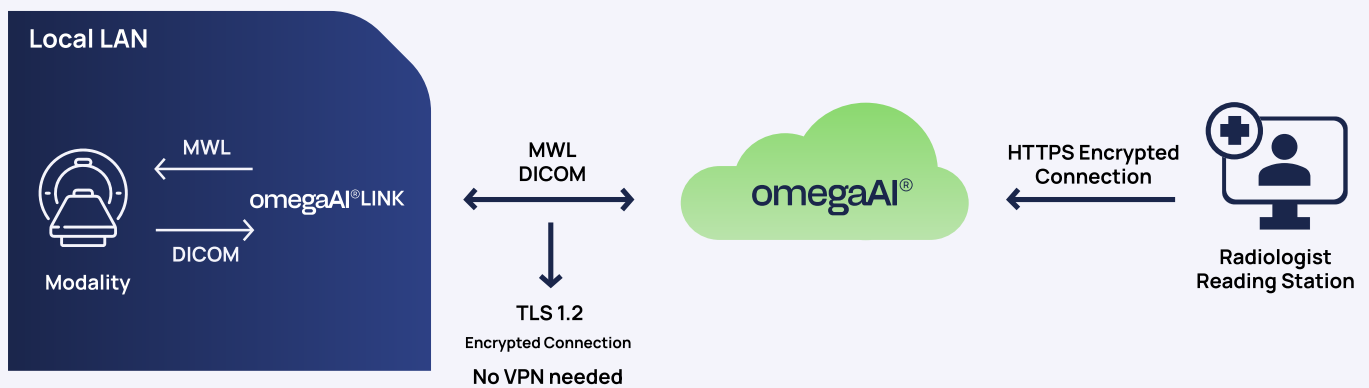
Feature	Patient Portal	Automated Front Desk
Study / Doc Access	✓	✓
Study Share	✓	✓
Patient Forms	Add-on	✓
Patient SMS / Email	Add-on	✓
Self-Scheduling	Add-on	✓
AI Order Processor	—	Coming soon

CONNECTIVITY

OmegaAI LINK: Total & Seamless Interconnectivity.

Enhanced data sharing that eliminates the need for VPNs.

OmegaAI LINK simplifies data exchange by enabling secure, cloud-based DICOM and HL7 routing between imaging systems, healthcare facilities, and AI partners — without the need for a VPN or on-prem hardware. Built into OmegaAI®, it powers reliable image and data transfer across networks for real-time collaboration.



BUILT INTO OMEGA AI®

OmegaAI LINK helps practices connect with confidence — powering imaging across locations, platforms, and partners.

ENTERPRISE IMAGING

Equipped for today's enterprise imaging.

OmegaAI® is engineered to unify imaging workflows across multiple facilities — whether you're in the same city or spread across the country. Scale effortlessly, bring new sites online with OmegaAI LINK, and maintain a single source of truth.

DICOMweb

Compliant

HL7®

Standard

FHIR®

Ready

Smart

Routing

AI-POWERED INNOVATION

AI-Powered Innovation with OmegaAI®

OmegaAI® seamlessly connects varied modalities and software systems. Advanced automation handles smart routing, prior retrieval, and reporting — freeing your teams to focus on delivering better patient care. Built on DICOMweb, HL7®, and FHIR® standards.

- Auto prior retrieval
- Smart routing
- AI-assisted triage
- Voice dictation



Experience the future of imaging — powered by AI, delivered by OmegaAI®.

NOTE: Third-party solutions and add-on licenses are optional and may not be available in all geographies. Please check with your RamSoft representative for local availability and licensing details.

LET'S TALK

Let's accelerate imaging together.

Discover how OmegaAI® can streamline your imaging operations and deliver faster, smarter care.

[Request your demo](#)
ramsoft.com

"OmegaAI® has significantly improved our workflow efficiency and diagnostic accuracy, marking a leap forward in patient care."

— Ozlem Stidham

Business Development Manager, Premier MRI Clinics · Tempe, AZ

TRUSTED WORLDWIDE

A global imaging partner.

750+

INSTALLATIONS

22+

COUNTRIES

30+

YEARS IN IMAGING

For over 30 years, RamSoft has helped imaging centers, hospitals, and teleradiology practices transform their operations through automation, innovation, and partnership.

ABOUT RAMSOFT

Accelerating imaging for 30+ years.

After more than 30 years, RamSoft has become a global provider of innovative cloud-based radiology software solutions for imaging centers, radiology departments, and teleradiology providers. PowerServer® is utilized by over 750 sites worldwide, and our latest offering, OmegaAI®, is a cloud-native, AI-driven platform delivering rapid, secure, and robust RIS and PACS capabilities — completely zero footprint. Powered by Microsoft Azure, our solutions provide the highest levels of security, HIPAA compliance, and protection against cybersecurity threats.

[View more about OmegaAI](#)

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