

# omegaAI®

## The World's First Cloud-Native, Zero-Footprint RIS/PACS/VNA Platform



The All-in-One Imaging Platform for Modern Care

# 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 Cloud, OmegaAI® is engineered for incomparable speed, flexibility, and security—empowering imaging organizations to streamline operations, enhance diagnostic accuracy, and deliver faster, patient-centered care.

### Fully Cloud Native

No servers, no manual updates, no hassle

### Zero-Footprint Access

Instant imaging access from anywhere

### Single Platform VNA/RIS/PACS

Eliminate data silos and reduce maintenance

### Interoperable by Design

HL7®, FHIR®, and DICOM® compliant

### Powered by Microsoft Azure

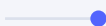
Enterprise-grade security, resilience, and scalability

# 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.

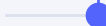
## Every OmegaAI® license includes access to core platform capabilities:

User, Organization, Study &  
Patient Management



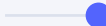
Logs and Worklist

Document Viewer  
(no reporting)



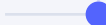
Forms

Workflow Engine



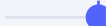
Root Business Analytics

Integrated HIPAA-compliant  
chat, plus voice calling,  
and screensharing



Teaching Folders

OmegaAI LINK (OmegaAI®'s  
integrated virtual router)



OmegaAI Share (On-the-go  
image sharing & viewing)

# Meet OmegaAI®

**OmegaAI® VNA/PACS:** Ideal for institutions that need a robust, cloud-native storage and image transmission solution. Perfect if you already have a separate RIS or don't need extra scheduling or reporting functionality.

**OmegaAI® RIS:** Designed for managing patient information, scheduling, and front desk workflows. Enables document handling, appointment scheduling, and other core information system tasks.

**OmegaAI® Reporting:** Focused on reporting needs, this tier is suited for organizations that require comprehensive reporting and documentation capabilities, this could be added to existing licenses. This module is also available as a standalone solution which can be integrated with other vendor PACS platforms.

**OmegaAI® Imaging EMR:** A single, cloud-native application that merges full RIS and PACS functionality with no fragile integrations. From scheduling and exam capture to diagnostic viewing, reporting, and long-term archive, inside one seamless workflow, cutting complexity and accelerating turnaround times.

## ADD-ONS FOR OMEGAAI® LICENSES

**Faxing:** Enables both inbound and outbound faxing, which is essential for handling external communications efficiently.

	OAI VNA/PACS	OAI RIS	OAI Reporting	OAI Imaging EMR
Platform	✓	✓	✓	✓
Image Viewer	✓	—	—	✓
Report Editor	—	—	✓	—
Scheduler Coverage, Self-Scheduling URL	—	✓	—	✓

DICOM® is the registered trademark of the National Electrical Manufacturers Association for its Standards publications relating to digital communications of medical information.

# 1

## **Progressive Image Rendering**

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

# 2

## **Workflow Designer & Automation**

Create visual, scriptable workflows with smart triggers and routing

# 3

## **Voice Recognition and AI Assisted Reporting\*\***

Dictate findings using integrated tools like Augnito™ and RADPAIR

# Be Faster

## **Automated Workflows and AI-Powered Efficiency**

OmegaAI® helps your team move quickly and efficiently—no matter the workload. From AI-assisted reporting to intelligent routing and automation, OmegaAI® saves time where it matters most.

# 4

## **Root Business Analytics**

Over 300 data points for real-time analytics

# 5

## **AI Report Summaries & Explanations\*\***

Leverages AI to generate concise report summaries for quick review, and allows users to highlight complex medical terms to instantly view explanations

# 6

## **Custom Forms & Document Viewer**

Eliminates a paper chase. Forms can be used at scheduling, check-in, or by techs for pre-scan data capture, then stored right alongside the imaging study.

\*\*Available to users as an optional functionality.

**ramsoft®**



# 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 connected imaging experience.

## Key highlights

**OmegaAI LINK** – A free, cloud-managed DICOM router that securely connects any DICOM-capable device to OmegaAI®, delivering bidirectional image routing and modality worklist support with almost zero maintenance.

**Integrated Chat & Secure Messaging** – We not only break down barriers between systems and providers but also the internal users for instant collaboration among radiologists, technologists, front desk staff, etc.

**OmegaAI Share** – Instant, secure web links or QR codes help you share images and reports with patients, referring physicians, or other facilities.

**Total Integration** – Connect with referring physicians, EMRs, third-party apps, and more

**Unlimited Scalability** – Easily scale across sites, users, and modalities

# Be Secure

## Trust Built on Microsoft Azure

With OmegaAI®, your data is safe, compliant, and always accessible. Hosted on Microsoft Azure, OmegaAI® delivers end-to-end protection without the burden of maintaining on-prem infrastructure.

## Key Highlights

**Zero-Disruption Updates** – System improvements happen in the background

**Built-In Disaster Recovery** – Geo-redundant cloud storage ensures business continuity

**Ransomware Secure** – Stay protected against ransomware and malware

**Compliance with Industry Standards** – HIPAA, SOC 2 Type II, GDPR, ISO 13485, The Cures Act (U.S.)

**OmegaAI LINK** – A low-maintenance cloud gateway for DICOM communication, effectively replacing VPN tunnels while maintaining secure image transfer.

**Federated Login** – Minimizes password hassles while keeping data secure to HIPAA standards.

# Tailored for Every Role

What Radiologists and Practice Managers Love

## For Radiologists:

- AI-powered voice dictation and report creation\*\*
- Prior-pull and smart routing for better comparison
- Viewer tools like MPR, PET/CT fusion, CAD markers
- Seamless study sharing with embedded links and QR codes
- Teaching folders for education and peer review
- Flexible Viewing Protocols: Layouts, zoom levels, and orientation are all customizable to your preference.

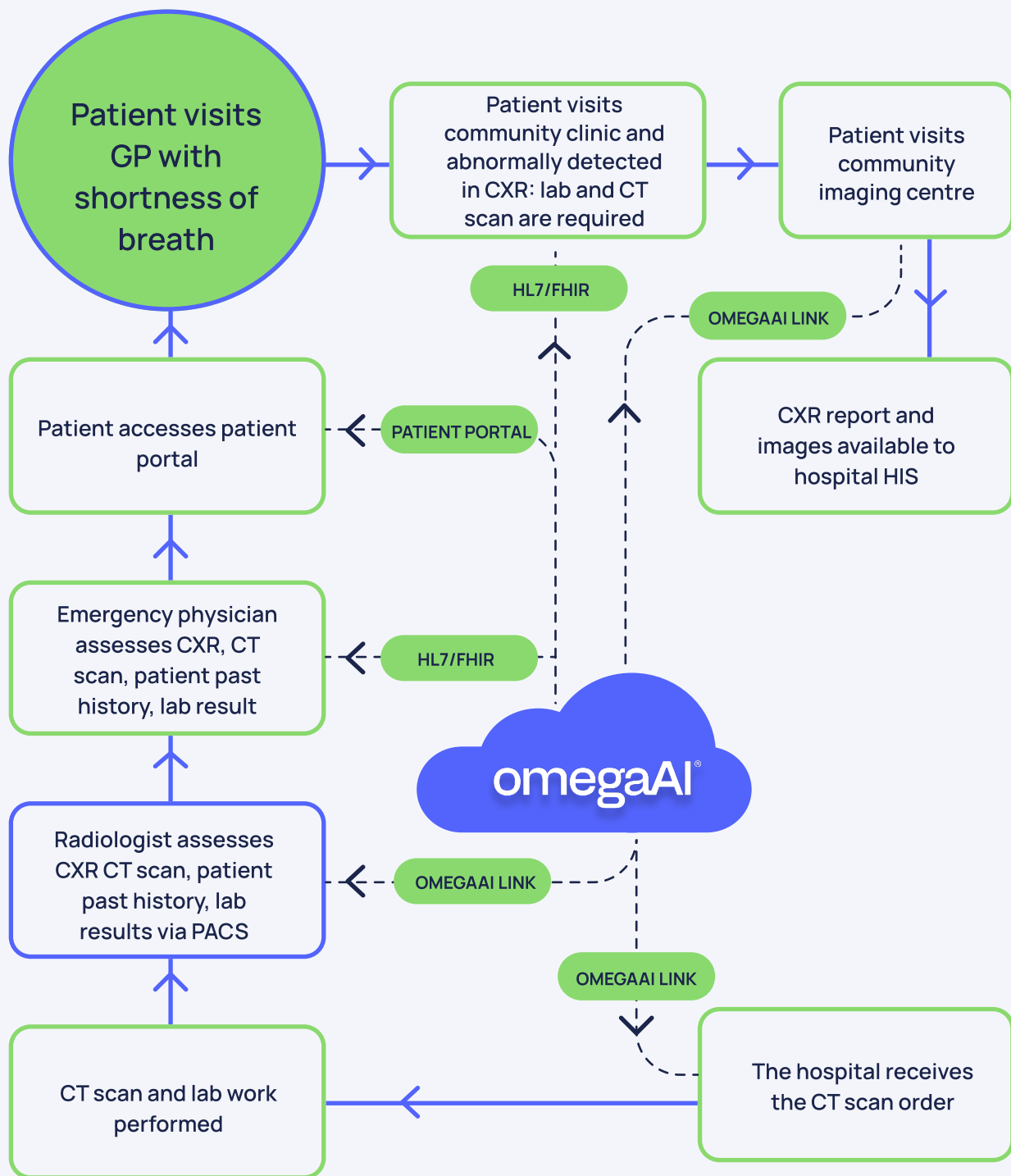
## For Practice Managers:

- Billing details captured for easy export
- Dynamic scheduler with self-service appointments
- Real-time analytics and reporting via Root BI
- Integrated communication channels (chat, email, SMS)\*\*
- Smart intake forms and patient registration
- Automated Workflows & Notifications: Automatically update study statuses, route images to the right destination, and send patient reminders—no manual coordination needed.

\*\* Available to users as an optional functionality.

# A Seamless Imaging Journey

OmegaAI® streamlines every stage of the imaging process—from scheduling and exam capture to final report distribution and billing interfaces. The diagram below shows how each step interconnects through our cloud-native platform, eliminating cumbersome on-prem servers, reducing manual tasks, and boosting collaboration so your team can focus on patient care.





# Integrated Patient Engagement with Blume®

OmegaAI® integrates with Blume®—RamSoft's cloud-native patient engagement solution (an optional add-on for OmegaAI® users)—to simplify front desk tasks and elevate the patient experience. This optional add-on gives patients secure access to their data while helping practices boost efficiency and compliance.

- **Blume® Patient Portal:** 24/7 access to images, reports, and secure sharing; optional forms, notifications, and self-scheduling.
- **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.

	Blume® Patient Portal	Blume® Automated Front Desk
Study/Doc Access	✓	✓
Study Share	✓	✓
Patient Forms	Add-on	✓
Patient SMS Notifications	Add-on	✓
Self-Scheduling	Add-on	✓
AI Order Processor	✗	✓

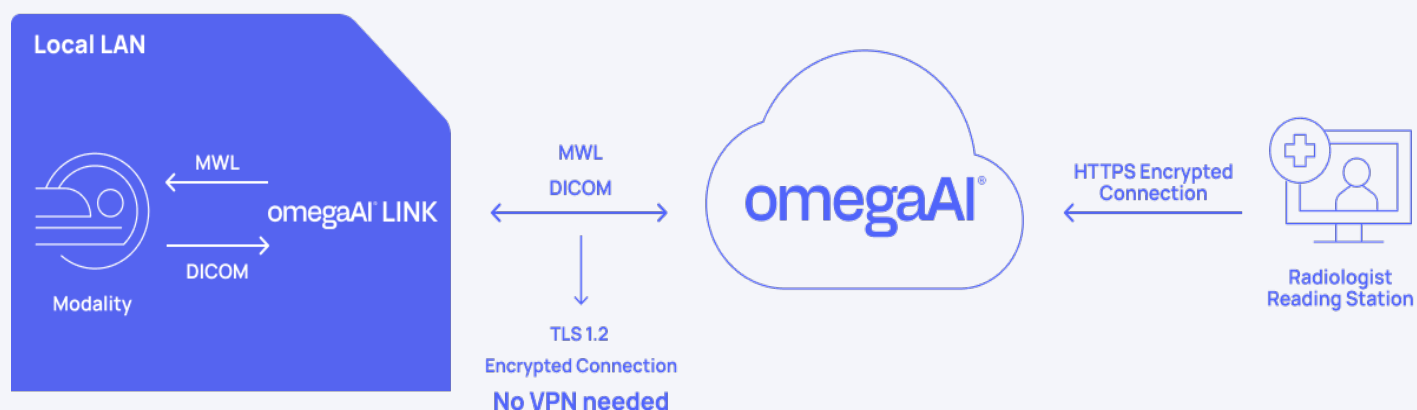
[View more about Blume®](#)

# 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. Designed for interoperability, OmegaAI LINK ensures fast, reliable image and data transfer across networks, supporting real-time collaboration and efficient workflows.

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





# Equipped for Today's Enterprise Imaging

OmegaAI® is engineered from the ground up to unify imaging workflows across multiple facilities—whether they're in the same city or spread across the country. Because it's fully cloud native, you can scale effortlessly, bring new sites online using OmegaAI LINK, without complex infrastructure, and maintain a single source of truth for imaging data.

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

## AI-Powered Innovation with OmegaAI®

OmegaAI® integrates seamlessly with leading AI partner solutions—including CARPL, NewVue, RADPAIR, and Alpha Nodus—to help radiologists and imaging practices accelerate diagnosis, reduce variability, and improve patient outcomes. These built-in AI capabilities automate time-consuming tasks, surface critical findings faster, and support real-time decision-making—so you can focus on what matters most: delivering high-quality care.

Whether it's triaging urgent cases, enhancing image interpretation, or streamlining report generation, OmegaAI®'s AI ecosystem empowers you to optimize every step of your workflow. No need for separate tools or manual workarounds—just intelligent automation embedded in a cloud-native platform built for scale, security, and speed.

## 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.

# Trusted Worldwide

With over 750 installations across 22+ countries, RamSoft is a global leader in imaging IT. For over 30 years, we've helped imaging centers, hospitals, and teleradiology practices transform their operations through automation, innovation, and partnership.

## Let's Accelerate Imaging Together!

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

Request your FREE demo today at [www.ramsoft.com](http://www.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

ramsoft®

# About RamSoft



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 and thousands of customers worldwide, offers a flexible, scalable design enabling imaging operations of all sizes to leverage comprehensive cloud-based RIS (Radiology Information System) / PACS (Picture Archiving and Communication System) capabilities. RamSoft's latest offering, OmegaAI®, is a cloud-native, AI-driven platform delivering rapid, secure, and robust RIS and PACS capabilities that are completely zero footprint. Powered by Microsoft Azure, RamSoft's solutions provide the highest levels of security, HIPAA compliance, and protection against cybersecurity threats.

[View more about OmegaAI®](#)

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