



powerserver® vs omegaAI®

Choosing the Right RamSoft® Platform for Your Imaging Organization

PowerServer® (cloud-based)	OmegaAI® (cloud-native)
A proven PACS suite, including RIS/PACS – deployed at 730+ sites across 30+ countries. PowerServer is ideal for organizations with existing infrastructure. Best for: Existing infra, IT-managed environments, CapEx preference.	RamSoft's proprietary cloud-native, zero-footprint RIS/PACS/VNA platform. OmegaAI delivers AI-powered workflows, enterprise interoperability, and unlimited scalability. Best for: Cloud-first, multi-site, teleradiology, AI-driven operations.

Feature-by-Feature Comparison

Feature / Capability	PowerServer (cloud-based)	OmegaAI (cloud-native)
Deployment	Cloud-hosted	Fully cloud-native, zero-footprint
Infrastructure	IT-managed	No servers, no manual updates
RIS	✓	✓
PACS / Image Viewer	✓	✓
Mobile Worklist/Image Viewer	✓ RapidResults™	✓ Built-in
VNA	—	✓
HL7 Integration	✓	✓
FHIR Support	FHIR R4 enabled via OmegaAI API	✓ Native FHIR R4 data model + REST API
Organizational Affiliation (FHIR-aligned)	—	✓

Feature-by-Feature Comparison

Feature / Capability	PowerServer (cloud-based)	OmegaAI (cloud-native)
DICOM Router	At additional cost	✓ OmegaAI LINK (free, built-in)
DICOMweb (WADO-RS / QIDO-RS / STOW-RS)	—	✓
AI-Assisted Reporting	✓ RamSoft AI Reporting*	✓ RamSoft AI Reporting*
Integrated AI Solution Ecosystem* * Regional restrictions may apply.	✓	✓
AI-Report Explinator	—	✓
Workflow Automation	✓ Basic GUI, scriptable DICOM	✓ Scriptable DICOM, workflow
Business Analytics	✓ Essence™ BI	✓ Root BI – real-time 300+ data points
Internal Messaging	—	✓ Chat + voice
Patient Portal	✓ Blume Share (add-on)	✓ Blume Share (add-on)
Patient/Referring MD Patient Scheduling Portal	—	✓
Disaster Recovery	IT-managed	✓ Geo-redundant
Compliance	HIPAA, SOC 2, GDPR, ISO 13485, Cures Act	HIPAA, SOC 2, GDPR, ISO 13485, Cures Act
Multi-Site / Updates	Scheduled updates	✓ zero-disruption updates
Image Control Wheel with Customization	—	✓
Volumetric SUV Measurements	—	✓
Teaching Folders	—	✓
Extended Image QC Capabilities	—	✓

Feature-by-Feature Comparison

Feature / Capability	PowerServer (cloud-based)	OmegaAI (cloud-native)
Global Search	—	✓
Hanging Protocol Customization* *With stages and customizable quick-access strip toolbar to change HPs, navigate steps.	—	✓
Hierarchical Managing/Imaging Org Model	—	✓

HL7, FHIR & DICOM: The Interoperability Picture

Both platforms support HL7 v2.x messaging for order management, scheduling, ADT, and results – integrating with most hospital information systems and EMRs in use today.

Where they diverge is FHIR. OmegaAI is built with native FHIR R4 support – enabling structured data exchange with EMRs, patient portals, and AI tools without custom middleware. This also positions OmegaAI for U.S. Cures Act compliance out of the box. PowerServer can connect to FHIR-capable systems but typically requires third-party translation layers, adding integration complexity.

OmegaAI LINK – built-in and free – replaces VPN-based DICOM routing with a cloud-managed, TLS-encrypted router. Modalities, remote reading stations, and partner facilities connect instantly, with near-zero maintenance and no on-site hardware. PowerServer requires a separate DICOM router and VPN infrastructure for equivalent connectivity.

SALES & BUYER FRAMEWORK

What Platform Is Right for You?

Your Situation	PowerServer (cloud-based)	OmegaAI (cloud-native)
Greenfield / new deployment	—	✓ Cloud-native from day one
Minimal IT overhead	—	✓ No servers or patching
VNA needed alongside RIS/PACS	—	✓ Unified built-in
FHIR-native interoperability	—	✓ Native FHIR R4

What Platform Is Right for You?

Your Situation	PowerServer (cloud-based)	OmegaAI (cloud-native)
AI/automation strategy roadmap	✓ Natively integrated AI solution ecosystem	✓ Natively integrated AI solution ecosystem
Multi-site / enterprise scale	Scalable, dependent on infra	✓ Built for startup to enterprise level
Teleradiology / remote reading	✓ Capable	✓ Zero-footprint, anywhere
CapEx preference	✓ Cloud-based investment model	—
OpEx / subscription preference	✓ Subscription based pricing	✓ Subscription based pricing
Current RamSoft customer (upgrade)	Active platform	✓ Clear upgrade path

Value by Buyer Persona

Persona	PowerServer (cloud-based)	OmegaAI (cloud-native)
Radiologist / Imaging Physician	Proven RIS/PACS workflow; familiar interface	Zero-footprint viewer; AI dictation; PET/CT fusion, CAD markers
Imaging Center Director / Practice Manager	Stable platform with workflow configuration	Root BI (300+ real-time data points); automated workflows
IT Leader / CIO	Cloud-based; traditional healthcare integration model; SSO	Azure-native security; SOC 2, GDPR, ISO 13485; federated SSO; zero-disruption updates; OmegaAI LINK provides bidirectional secure DICOM routing without need for VPN
Teleradiology Provider	Capable remote reading workflows; traditional healthcare integration model	VPN-free access anywhere via LINK; faster multi-site onboarding; AI reporting add-on for volume

Ready to Move Forward?

Let's find the right imaging solution for you.

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