

PowerServer® BROCHURE · 2026

powerserver®

RIS/PACS

What Accelerated Imaging Was Meant to Be

RamSoft operationalizes imaging AI — we're the orchestration layer that turns algorithms into real workflow impact. PowerServer® RIS/PACS is the unified, single-database platform that makes it happen: from intake to acquisition to interpretation to workflow.

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Unified Imaging. Uninterrupted Workflow.

Reduced redundant tasks

Increased consistency across imaging ecosystem

Enables seamless connectivity

Deliver more patient-centric care

All You Need in One System

Whether you're managing a single location or multiple facilities, PowerServer RIS/PACS empowers your staff with an all-in-one solution that handles everything – from scheduling and reporting to image viewing and billing integration – on a unified interface that reduces duplication and maximizes efficiency.

Key Highlights

100% web-based access – log in from any device, anywhere

Unified RIS and PACS on a single database – no duplicate data entry

Unlimited users, modalities, and facilities – no extra license fees

Built-in redundancy and disaster recovery (Azure-hosted)

HL7®, DICOM®, and IHE compliant for seamless interoperability

Real-time customizable worklists and audit trails

Rapid deployment with expert implementation and support

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

Proven Performance

Faster reads. Faster workflows. Measurable results.

PowerServer 6.7 delivers documented, real-world performance gains across every major imaging modality — so radiologists spend less time waiting and more time reading.

Key Performance	Improvements
First image render – CR (X-Ray)	67% faster
First image render – CT	40% faster
First image render – MG DBT (3D Tomo)	57% faster
First image render – PET/CT	50% faster
Average first image render (all modalities)	~39% faster
Full study cache – MR (2,000 images)	80% faster (1m 29s → 18s)
Full study cache – CT (high frame count)	60% faster
CT scrolling – cine playback	50% faster
MG Tomo scrolling – cine playback	4x faster
MG Tomo scrolling – mouse wheel	3.75x faster

Improvements are driven by HTJ2K (High Throughput JPEG 2000) compression and remote rendering architecture – reducing data transfer overhead and offloading processing from the client device.

➤ Ask your RamSoft contact for the full PowerServer 6.7 benchmark report.

What Sets PowerServer RIS/PACS Apart?

Key Highlights

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Seamless RIS/PACS in one unified platform and interface 01
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No hidden fees—unlimited users, workstations, and modalities 02
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Real-time customizable worklists and audit trails 03
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Customizable workflows to match your exact needs 04
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Rapid deployment, with expert implementation and support 05

Empower Your Workflow. Exceed Expectations.

REFERRING PHYSICIAN ACCESS

RapidResults™ Viewer Physician Portal

Referring physicians gain real-time access to images and reports — anytime, anywhere — with no downloads required. RapidResults™ is a zero-footprint, mobile-friendly viewer designed to support collaborative care on the go.

<p>1 Windows, Mac, iOS, and Android compatible</p>	<p>2 Secure messaging between providers</p>
<p>3 EMR integration</p>	<p>4 Appointment requests directly from RapidResults</p>

BUSINESS INTELLIGENCE

Essence BI™ Platform

Track operational performance, identify bottlenecks, and grow your practice with actionable insights. Essence BI™ turns imaging data into the proof points that drive smarter decisions.

<p>TAT reporting by radiologist, technologist, or modality</p>	<p>Referral trends and marketing reports</p>	<p>Accessible on desktop and mobile</p>
<p>Customizable reports and dashboards with Essence BI Pro</p>		

CLINICAL CAPABILITIES

Advanced Imaging Tools

PowerServer delivers the tools radiologists need for fast, accurate reads – right from a single centralized viewer. Powered by PowerServer 6.7’s remote rendering architecture, every viewport opens faster, every large study caches without delay.

Viewer Capabilities

- ✓ Customizable multi-stage viewing protocols
- ✓ Study alerts and STAT reads prioritization
- ✓ PET/CT fusion and color mapping
- ✓ Digital mammography and tomosynthesis tools
- ✓ Spine labeling tool
- ✓ View multiple patients simultaneously
- ✓ Multiplanar reformatting (MPR), MIP, MinIP, AveIP, curved MPR with 360° rotation, volume rendering

Scheduling and Patient Management

- Electronic appointment requests – streamline inbound referrals and scheduling
- Orders worklist for tracking referrals
- Scheduler with resource layout and time blocking



Intuitive search, drag-and-drop scheduling, and online order entry reduce delays and administrative burden – boosting throughput and patient satisfaction.

Flexible Deployment. Proven Scalability.

RamSoft meets you where you are — on-prem, in the cloud, or a hybrid setup. PowerServer RIS/PACS scales from standalone imaging centers to enterprise multi-site networks.

Viewer Capabilities

✓ Cloud-hosted with 99.95% uptime SLA

✓ Built-in data redundancy and high availability

✓ Scalable from standalone imaging centers to enterprise networks

✓ Powered by Microsoft Azure — HIPAA compliant, cybersecurity hardened

AI ORCHESTRATION

AI-Powered Innovation Within Reach

PowerServer RIS/PACS goes beyond image management — it's the operational layer that makes AI usable in production. Through RamSoft's integrated AI ecosystem, powerful AI capabilities are embedded directly into your workflow — purpose-built to operate in production, not just in pilot.

From triaging critical findings to supporting diagnostic precision, our AI solutions are designed to help radiologists work faster and more accurately — without disrupting existing processes. Whether it's detecting abnormalities, prioritizing cases, or enhancing image interpretation, PowerServer empowers confident clinical decisions, faster.

This is AI where it matters most — in real time, in your workflow, in service of better patient care.

* RamSoft AI integrations — as well as Stana™ and Blume® — are available as optional licenses.

LET'S TALK

Trusted Worldwide

Let's accelerate imaging together

Ready to see how PowerServer RIS/PACS can reduce turnaround times, eliminate workflow bottlenecks, and operationalize AI across your imaging operations?

Request your FREE demo →

ramsoft.com

“The most important thing for our company is scalability, and one of the reasons we’ve used RamSoft over the years is because its cloud-based PowerServer RIS/PACS solution allows us to flexibly expand and grow.”

– Dr. John Arnold Co-Founder & Radiologist, Outpatient Imaging

TRUSTED WORLDWIDE

A global imaging partner.

750+

INSTALLATIONS

22+

COUNTRIES

30+

YEARS IN IMAGING

RamSoft is a global leader in imaging IT. For more than 30 years, we've helped imaging centers, hospitals, and teleradiology practices transform their operations through automation, AI orchestration, and partnership.

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, offering a flexible, scalable design enabling imaging operations of all sizes to leverage comprehensive cloud-based RIS/PACS 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. RamSoft delivers imaging innovation through One Platform. AI-Powered. Total Interoperability.

[View more about PowerServer](#)

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