

PowerServer® BROCHURE · 2026

powerserver®

The Go-to Workflow Solution for Imaging Accelerated

Built on One Platform. AI-Powered. Designed for Total Interoperability.
AI orchestration for imaging operations — from intake to acquisition to interpretation to workflow — so organizations actually see faster turnaround and throughput.

RIS/PACS TELE PLUS PACS LITE PACS GATEWAY™ STANA™

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Teleradiology — Ready from Day One

All PowerServer® products are built on a 100% web-based architecture, enabling instant study access from any device, anywhere in the world. Radiologists, subspecialists, and other stakeholders can securely log in to review and interpret images—providing 24/7 coverage and uninterrupted patient care. Whether you need to handle after-hours reads, multiple clinics, or geographically dispersed facilities, PowerServer’s teleradiology-friendly design ensures timely results and a seamless remote workflow.

Em-'power' your imaging workflow with PowerServer

PowerServer brings your imaging operations together on one unified platform, enhanced with intelligent automation and built for seamless interoperability across your healthcare ecosystem.

Versatility

Available for both cloud-based and on-premises implementations.

Workflow Automation

Advanced automation and customization tools streamline workflow, delivering measurable time and cost savings.

Easy Integration

Platform design allows effortless integration with any new and existing systems.

Limitless Scalability

Built-in scalable architecture supports unlimited users, workstations, modalities, and facilities — no extra licensing fees.

Interconnectivity & Interoperability

Smooth, secure communication meeting HL7®, DICOM®, and IHE standards for seamless data exchange.

Worry-Free Security

Hosted on Microsoft Azure’s HIPAA-compliant platform, delivering the highest levels of cybersecurity, reliability, and safety.

Comprehensive Industry Compliance

HIPAA, The Cures Act (U.S.), SOC 2 Type II, and ISO 13485 certifications.

Dependable Reliability

99.95% guaranteed uptime on Microsoft Azure Cloud — reducing IT burden while offering superior availability.

Easy & Secure Sharing

Simplify collaboration between patients, referring physicians, and healthcare professionals using QR codes and study links.

Customizable, AI Imaging Ecosystem

Integrate leading-edge AI to accelerate diagnostics, enhance accuracy, and scale with your workflow.

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

Proven performance. Measurable workflow impact.

PowerServer 6.7 delivers architecture-level advances — HTJ2K compression and remote rendering — that translate directly into faster reads, higher radiologist throughput, and reduced turnaround times. The following benchmarks compare version 6.0 to version 6.7 under controlled conditions on Azure-hosted infrastructure.

Version 6.7 vs. 6.0 – Key Performance Improvements

Key Performance	Improvements
Faster first image render – CR / X-Ray (best modality)	67% faster
Faster first image render – MG DBT / 3D (best 3D modality)	57% faster
Average first image render improvement across all modalities	~39% faster
Full study cache time – MR 2,000-image study (80% reduction: 1m 29s → 18s)	80% faster
High-res frames load improvement	67% faster
MG Tomo cine scrolling throughput	4x faster
Average CT scrolling improvement across input methods	~42% faster

These gains are powered by two key v6.7 architectural advances:

- **Remote rendering** – offloads processing from the client workstation, delivering faster first-image display even on constrained hardware and enabling near-instantaneous repeat-study access after initial caching.
- **HTJ2K (High Throughput JPEG 2000) compression** – significantly reduces data transfer overhead, particularly for large studies and high-resolution modalities such as MG DBT and CT.

Available for solutions hosted on Azure. Results may vary across network conditions and study sizes.

CORE OUTCOMES OF ACCELERATED IMAGING

What Accelerated Imaging Was Meant to Be



Reduced redundant tasks

Automation · Workflow orchestration · AI-assisted routing

01



Seamless connectivity enabled

HL7 · FHIR · API-first integrations

02



Increased consistency across the imaging ecosystem

Standardized workflows · Unified data layer

03



More patient-centric care delivered

Faster turnaround · Better outcomes · Improved patient journey

04

“Connected. Intelligent. Patient-first.”

PowerServer RIS/PACS

Innovative solutions built for modern imaging practices.

A 100% web-based platform unifying radiology scheduling, workflow management, image review, and reporting into one single database. Designed for efficiency and interoperability, PowerServer RIS/PACS eliminates redundant data entry and helps your team work faster — whether you're a single imaging center or a multi-facility enterprise. Benefit from advanced automation and real-time analytics to improve patient care, boost throughput, and enhance profitability.

Key Highlights



Single Database Technology

One unified RIS/PACS database — no interfaces, less IT overhead, minimal training, and real-time accuracy across your enterprise.



Scalable Architecture

Supports unlimited users, modalities, and facilities with no extra licensing fees.



Workflow Engine

Automates scheduling, reading, reporting, and distribution for smoother operations.



Integration Ready

Seamlessly connects to EMR/HIS and other third-party systems through HL7, DICOM®, and IHE profiles.



Redundancy Built-In

Redundant server software included, minimizing downtime and protecting data.

PowerServer TELE PLUS

PowerServer TELE PLUS includes a complete RIS designed exclusively for teleradiology, delivering everything you need to streamline multi-site reading in one cohesive system. Built on RamSoft®'s unified PowerServer platform, TELE PLUS reduces data entry, eliminates errors, and ensures seamless interoperability across multi-site teleradiology operations, allowing you to access studies any time, anywhere--boosting productivity and improving overall patient care delivery.

Key Highlights



Unified Worklists

Access all imaging studies across multiple facilities from a single, consolidated worklist. Eliminates separate logins and lets radiologists and staff efficiently prioritize and manage cases from one interface — ideal for large-scale or multi-site teleradiology operations.



Advanced Caching

Automatically preloads studies to the radiologist's workstation, reducing download time and accelerating image review.



Advanced Reporting

Standardize templates across sites — PowerServer auto-applies the right header, footer, and logo for consistent, effortless multi-site reporting.



Integrated Teleradiology RIS

Seamlessly handle multi-facility fee schedules and reporting complexities without juggling multiple systems.

PowerServer PACS

PowerServer PACS is a fully web-based solution built to streamline image management — from swift archiving to rapid retrieval. Engineered for enterprise-wide access, it supports unlimited users, modalities, and facilities with no extra licensing fees. With built-in redundancy and HIPAA-compliant data protection, PowerServer PACS ensures secure, on-demand imaging for radiologists, technologists, and referring physicians alike. Whether deployed in the cloud or on-premises, it provides scalable performance that grows alongside your practice’s needs — while reducing IT overhead and delivering an intuitive user experience.

Key Highlights



100% Web-Based

Access studies from any device, anytime — ideal for remote reads and multi-location collaboration.



Scalable Architecture

Unlimited user and facility licenses let you expand without hidden costs or repeated hardware investments.



Reporting Module

Customizable report templates supported by a Microsoft Word-integrated report editor, ensuring fast, consistent, and high-quality reporting.



Robust Workflow Engine

Automates tasks from order to final sign-off, improving turnaround times and reducing manual interventions.



AI Interoperability

Enhanced with AI-driven workflow automation and enterprise-grade interoperability, PowerServer PACS connects your imaging operations without complexity.

[Learn More](#)

PowerServer LITE PACS

An affordable yet complete PACS solution developed for small-to-mid-sized imaging centers. Provides a 100% web-based architecture consistent with other PowerServer products, plus comprehensive image management, reporting, and distribution. A consolidated workflow that is simple, easy to use, and operates from one application — LITE PACS optimizes reading times and reduces administrative burdens. Upgrade or expand seamlessly as your practice grows—because it's all built on the same unified PowerServer platform!

Key Highlights



Cost-Effective

Lower licensing costs with unlimited user, modality, and facility support.



Easy Implementation

Minimal IT overhead, quick onboarding, and simplified management.



Advanced Caching

Automatically preloads studies to the radiologist's workstation, reducing download time and accelerating image review.



Workflow Automation

Includes a consolidated workflow, real-time worklist updates, and auto-routing.



Growth Ready

Scale to PowerServer PACS or RIS/PACS when you need additional functionality as your practice grows.

GO CLOUD WITH CONFIDENCE

Choose PowerServer's cloud-based option for built-in ransomware protection, HIPAA-compliant security, and near-real-time backups that safeguard patient data and ensure business continuity — even if data is deleted.



Need DICOM support ahead of an enterprise PACS?

Each standalone Gateway™ solution is powered by the same built-in enterprise-grade, HIPAA-compliant DICOM engine as our PACS, and is fully integrable with the PowerServer suite.

Gateway Solutions

gateway™

Gateway Router

Ultra-Fast & Securely Store | Retrieve | Archive

Superior data management and modality connectivity — “the Swiss Army knife for radiology.”

Gateway Viewer Mini PACS

Read, Diagnose, Report – All From One Application

Easily mobilize streamlined imaging with a dynamic viewer designed for optimized productivity.

Gateway Mammo Viewer Mini PACS

Unmatched Functionality & Flexibility

Enhance mammography reporting with a full array of specialized mammography tools.

[Learn More](#)

WEB-BASED BREAST CANCER TRACKING SYSTEM

Streamlined breast cancer tracking with Stana™

Easily activated as a license add-on for PowerServer RIS/PACS and TELE PLUS.

Stana™ is a fully embedded, web-based breast cancer tracking system available in PowerServer. Stana automates compliance with FDA MQSA guidelines – eliminating third-party tools, improving follow-up care, and reducing manual workloads in one comprehensive environment.

Stana captures BI-RADS scores, breast density, and follow-up recommendations while automating patient reminders, data collection, and outcome tracking. Leverage forms and templates to reduce turnaround times and prevent data entry errors. Create next orders automatically with automated ordering.

Anywhere access with RapidResults™

Included with PowerServer, RapidResults™ is a zero-footprint, FDA-approved image viewer that allows referring physicians to securely view images and reports on any web-enabled device – smartphone, tablet, or desktop. With built-in messaging and seamless EMR integration, it enables fast, informed decisions without added infrastructure.



Extending the Power of One Platform

Key Highlights

No installation needed

Streamlined access to current and prior reports

Real-time collaboration with internal and external providers

RapidResults accelerates communication and interpretation — anytime, anywhere!

Actionable Insights with Essence™ BI

Essence BI™ is RamSoft’s integrated business intelligence module for PowerServer. Designed for imaging workflows, it helps practices uncover operational gaps, monitor performance, and drive smarter decisions — all without needing programming expertise.

Key Highlights

Visual dashboards and drag-and-drop reports

Built-in turnaround time, referrer, and study analysis

Exportable in multiple formats (PDF, XLS, CSV)

“With RamSoft’s cloud-based products, we were able to implement many programs of patient image sharing, **optimize efficiency, and offer high-value services such as a 24-hour report turnaround.**”

– **Miranda Polselli**, B.S., RT (R)(M)(BD)(ARRT) Co-Founder & COO, MammoLink®

Essence BI empowers teams to analyze, improve, and accelerate results with data-driven clarity.

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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