

PowerServer® FOLLETO · 2026

powerserver®

La solución de flujo de trabajo de referencia para la Imagenología Acelerada

Construida sobre Una Sola Plataforma. Impulsada por IA.

Diseñada para la Interoperabilidad Total.

Orquestación de IA para las operaciones de imagenología —desde la recepción y la adquisición hasta la interpretación y el flujo de trabajo—, para que las organizaciones realmente vean tiempos de respuesta y un rendimiento más rápidos.

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

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Teleradiología: lista desde el primer día

Todos los productos PowerServer® están contruidos sobre una arquitectura 100% basada en web, lo que permite el acceso instantáneo a los estudios desde cualquier dispositivo, en cualquier parte del mundo. Los radiólogos, subespecialistas y demás partes interesadas pueden iniciar sesión de forma segura para revisar e interpretar imágenes, brindando una cobertura 24/7 y una atención al paciente ininterrumpida. Ya sea que necesites gestionar lecturas fuera de horario, múltiples clínicas o instalaciones dispersas geográficamente, el diseño compatible con la teleradiología de PowerServer garantiza resultados oportunos y un flujo de trabajo remoto sin contratiempos.

Em-"potencia" tu flujo de trabajo de imagenología con PowerServer

PowerServer reúne tus operaciones de imagenología en una sola plataforma unificada, potenciada con automatización inteligente y construida para una interoperabilidad fluida en todo tu ecosistema de atención médica.

Versatilidad

Disponible tanto para implementaciones basadas en la nube como en sitio (on-premises).

Automatización del flujo de trabajo

Las herramientas avanzadas de automatización y personalización optimizan el flujo de trabajo, generando ahorros medibles de tiempo y costos.

Integración sencilla

El diseño de la plataforma permite una integración sin esfuerzo con cualquier sistema nuevo o existente.

Escalabilidad ilimitada

La arquitectura escalable integrada admite usuarios, estaciones de trabajo, modalidades e instalaciones ilimitados, sin cargos de licenciamiento adicionales.

Interconectividad e interoperabilidad

Una comunicación fluida y segura que cumple con los estándares HL7®, DICOM® e IHE para un intercambio de datos sin contratiempos.

Seguridad sin preocupaciones

Alojada en la plataforma de Microsoft Azure, conforme a la normativa HIPAA, brindando los más altos niveles de ciberseguridad, confiabilidad y protección.

Cumplimiento integral de la industria

Certificaciones HIPAA, The Cures Act (EE. UU.), SOC 2 Tipo II e ISO 13485.

Confiabilidad sólida

99.95% de disponibilidad (uptime) garantizada en la nube de Microsoft Azure, reduciendo la carga de TI a la vez que ofrece una disponibilidad superior.

Intercambio fácil y seguro

Simplifica la colaboración entre pacientes, médicos referentes y profesionales de la salud mediante códigos QR y enlaces a estudios.

Ecosistema de imagenología con IA, personalizable

Integra IA de vanguardia para acelerar el diagnóstico, mejorar la precisión y escalar al ritmo de tu flujo de trabajo.

DICOM® es la marca registrada de la National Electrical Manufacturers Association para sus publicaciones de estándares relativas a las comunicaciones digitales de información médica.

Desempeño comprobado. Impacto medible en el flujo de trabajo.

PowerServer 6.7 ofrece avances a nivel de arquitectura —compresión HTJ2K y renderizado remoto— que se traducen directamente en lecturas más rápidas, un mayor rendimiento de los radiólogos y tiempos de respuesta reducidos. Los siguientes benchmarks comparan la versión 6.0 con la versión 6.7 bajo condiciones controladas en una infraestructura alojada en Azure.

Versión 6.7 vs. 6.0 — Mejoras clave de desempeño

Mejora clave de desempeño	Resultado
Renderizado más rápido de la primera imagen — CR / rayos X (mejor modalidad)	67% más rápido
Renderizado más rápido de la primera imagen — MG DBT / 3D (mejor modalidad 3D)	57% más rápido
Mejora promedio del renderizado de la primera imagen en todas las modalidades	~39% más rápido
Tiempo de caché del estudio completo — estudio de RM de 2,000 imágenes (reducción del 80%: 1 min 29 s → 18 s)	80% más rápido
Mejora en la carga de fotogramas de alta resolución	67% más rápido
Rendimiento del desplazamiento cine en MG Tomo	4x más rápido
Mejora promedio del desplazamiento en TC entre métodos de entrada	~42% más rápido

Estas mejoras son impulsadas por dos avances arquitectónicos clave de la v6.7:

- **Renderizado remoto:** descarga el procesamiento de la estación de trabajo del cliente, ofreciendo una visualización más rápida de la primera imagen incluso en hardware limitado, y permitiendo un acceso casi instantáneo a estudios repetidos tras el almacenamiento inicial en caché.
- **Compresión HTJ2K (High Throughput JPEG 2000):** reduce de forma significativa la sobrecarga de transferencia de datos, en particular para estudios grandes y modalidades de alta resolución como MG DBT y TC.

Disponible para soluciones alojadas en Azure. Los resultados pueden variar según las condiciones de red y el tamaño de los estudios.

RESULTADOS FUNDAMENTALES DE LA IMAGENOLOGÍA ACCELERADA

Lo que la Imagenología Acelerada estaba destinada a ser



Tareas redundantes reducidas

Automatización · Orquestación del flujo de trabajo · Enrutamiento asistido por IA

01



Conectividad fluida habilitada

HL7 · FHIR · Integraciones con enfoque API-first

02



Mayor consistencia en todo el ecosistema de imagenología

Flujos de trabajo estandarizados · Capa de datos unificada

03



Una atención más centrada en el paciente

Tiempos de respuesta más rápidos · Mejores resultados · Un mejor recorrido del paciente

04

"Conectado. Inteligente. El paciente primero."

PowerServer RIS/PACS

Soluciones innovadoras construidas para las prácticas de imagenología modernas.

Una plataforma 100% basada en web que unifica la programación de radiología, la gestión del flujo de trabajo, la revisión de imágenes y la generación de reportes en una sola base de datos. Diseñado para la eficiencia y la interoperabilidad, PowerServer RIS/PACS elimina la captura de datos redundante y ayuda a tu equipo a trabajar más rápido, ya seas un único centro de imagenología o una empresa con múltiples instalaciones. Aprovecha la automatización avanzada y los análisis en tiempo real para mejorar la atención al paciente, impulsar el rendimiento y aumentar la rentabilidad.

Aspectos destacados clave



Tecnología de base de datos única

Una sola base de datos RIS/PACS unificada: sin interfaces, menor carga de TI, capacitación mínima y precisión en tiempo real en toda tu empresa.



Arquitectura escalable

Admite usuarios, modalidades e instalaciones ilimitados sin cargos de licenciamiento adicionales.



Motor de flujo de trabajo

Automatiza la programación, la lectura, la generación de reportes y la distribución para una operación más fluida.



Listo para la integración

Se conecta sin contratiempos con EMR/HIS y otros sistemas de terceros mediante los perfiles HL7, DICOM® e IHE.



Redundancia integrada

Incluye software de servidor redundante, minimizando el tiempo de inactividad y protegiendo los datos.

PowerServer TELE PLUS

PowerServer TELE PLUS incluye un RIS completo diseñado exclusivamente para la teleradiología, que ofrece todo lo que necesitas para optimizar la lectura multisede en un solo sistema cohesivo. Construido sobre la plataforma unificada PowerServer de RamSoft®, TELE PLUS reduce la captura de datos, elimina errores y garantiza una interoperabilidad fluida en las operaciones de teleradiología multisede, permitiéndote acceder a los estudios en cualquier momento y lugar, lo que impulsa la productividad y mejora la prestación general de la atención al paciente.

Aspectos destacados clave



Listas de trabajo unificadas

Accede a todos los estudios de imagen de múltiples instalaciones desde una única lista de trabajo (worklist) consolidada. Elimina los inicios de sesión por separado y permite a los radiólogos y al personal priorizar y gestionar los casos de manera eficiente desde una sola interfaz: ideal para operaciones de teleradiología a gran escala o multisede.



Caché avanzado

Precarga automáticamente los estudios en la estación de trabajo del radiólogo, reduciendo el tiempo de descarga y acelerando la revisión de las imágenes.



Generación de reportes avanzada

Estandariza las plantillas entre los distintos sitios: PowerServer aplica automáticamente el encabezado, el pie de página y el logotipo correctos para una generación de reportes multisede consistente y sin esfuerzo.



RIS de teleradiología integrado

Gestiona sin contratiempos los esquemas de tarifas de múltiples instalaciones y las complejidades de la generación de reportes sin tener que hacer malabares con varios sistemas.

PowerServer® BROCHURE · 2026

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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



Seamless RIS/PACS in one unified platform and interface

01



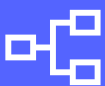
No hidden fees—unlimited users, workstations, and modalities

02



Real-time customizable worklists and audit trails

03



Customizable workflows to match your exact needs

04



Rapid deployment, with expert implementation and support

05

Empower Your Workflow. Exceed Expectations.

REFERRING PHYSICIAN ACCESS

RapidResults™ Viewer Physician Portal

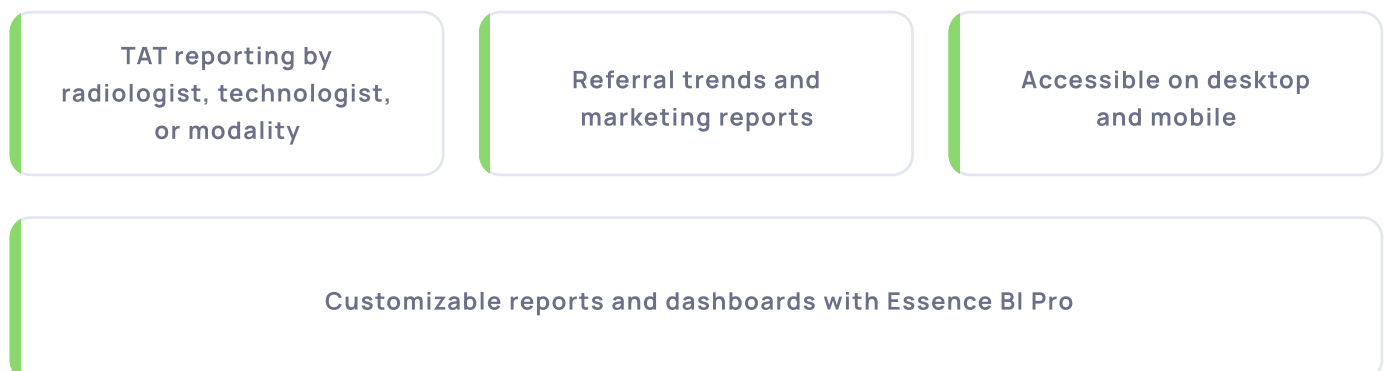
Referring physicians gain real-time access to images and reports — anytime, anywhere — with no downloads required. RapidResults™ is a zero-footprint, mobile-friendly viewer designed to support collaborative care on the go.



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.



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PACS

Radiology Without Roadblocks

PowerServer® PACS is **RamSoft®**'s intelligent, web-based enterprise PACS — the AI orchestration layer that turns algorithms into real workflow impact. Designed for radiologists, imaging centers, and enterprise healthcare systems, it operationalizes imaging AI to deliver faster turnaround, higher throughput, and workflow efficiency from intake to interpretation.

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Imaging at the Speed It Should Be

Whether you're scaling up, optimizing operations, or streamlining multi-site facilities, PowerServer PACS bridges the gap between today's imaging challenges and tomorrow's solutions — with a single-database architecture that orchestrates and accelerates every step.

Reduced redundant workflow steps

Seamless multi-system connectivity

Consistent operations across imaging ecosystem

More patient-centric care delivery

Key Highlights



Built for Flexibility

A single-database, 100% web-based platform that grows with your organization — no hardware dependencies, no silos.



Streamlined Workflow

From image acquisition to report delivery, manage it all from one unified interface. No switching. No bottlenecks.



Data Security, Guaranteed

HIPAA-compliant security, built-in redundancy, and high availability backed by Microsoft Azure with 99.95% uptime for cloud deployments. AES-256 encryption ensures your data is protected at every layer.



Enterprise Efficiency

Support unlimited users, modalities, templates, and facilities — with zero extra licensing fees. Effortlessly expand across new facilities without hidden costs. Need more features? Upgrade to PowerServer RIS/PACS anytime.

Proven Performance

Engineered for Operational Speed

PowerServer 6.7 delivers measurable performance gains across every imaging modality — directly improving radiologist throughput and reducing turnaround time. Powered by HTJ2K (High Throughput JPEG 2000) compression and remote rendering technology, v6.7 eliminates the infrastructure bottlenecks that slow reading workflows.

Performance Metric	Improvement vs. v6.0
Average first image render time (all modalities)	~39% faster
Chest X-Ray (CR) first image render	67% faster
3D Digital Breast Tomosynthesis (DBT) render	57% faster
CT study load time	40% faster
Full study caching (large frame-count studies)	Up to 80% faster
MR 2,000-image study – full cache time	80% faster (1m 29s → 18s)
MG Tomo scrolling (cine playback)	4× faster
CT scrolling (average across input methods)	~42% faster
High-resolution frame loading	67% faster

What drives these gains:

- HTJ2K compression dramatically reduces data transfer overhead, especially for large volumetric datasets like MG DBT and CT
- Remote rendering offloads processing from the client, delivering fast first-image display even on constrained hardware
- Study pre-caching and intelligent routing ensure near-instantaneous repeat access to frequently read studies

Available for solutions hosted on Microsoft Azure.



CLOUD-BASED BRILLIANCE

Features That Drive Results

RapidResults™ Viewer

Empower physicians on the go with zero-footprint access to diagnostic images and reports — anytime, anywhere.



Seamless EMR integration: No downloads, no fuss.



Basic image manipulation tools: Windowing, zoom, measurements, and more.



Secure patient image sharing: Safely distribute studies to referrers or patients.



Interoperability: Compatible with multiple devices and operating systems.

Cloud-Based Brilliance

Leave hardware headaches behind. Our secure Microsoft Azure cloud-hosted PACS means:



99.95% system uptime



AES-256 encryption across all data transfers



No upfront infrastructure costs



Effortless scalability



Built-in data redundancy with automatic backups and failover

Advanced Tools for Faster, More Patient-Centered Care

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

Clinical Highlights

Web-based dictation & transcription

PET/CT fusion & color mapping

Mammography with tomosynthesis support

Critical findings & patient alerts

MP4-to-DICOM conversion

Multi-patient viewing

Workflow Highlights

Real-time customizable unified worklists

QR code integration for study sharing

Document scanning & secure messaging

Custom report templates with Microsoft Word reporting

Report distribution

Multi-facility support and enterprise sync

Admin & Technical Highlights

Essence™ BI access*

Audit trails, marketing reports, and amendment tracking

DICOM®, HL7® & IHE compliance

Customizable role-based access control

Study pre-caching, routing, and assignment for faster reading workflows

[Learn More](#)

* Availability dependent on user country's data residency laws.

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](#)

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PowerServer PACS

PowerServer PACS es una solución totalmente basada en web, construida para optimizar la gestión de imágenes, desde un archivo ágil hasta una recuperación rápida. Diseñado para el acceso a nivel de toda la empresa, admite usuarios, modalidades e instalaciones ilimitados sin cargos de licenciamiento adicionales. Con redundancia integrada y protección de datos conforme a la normativa HIPAA, PowerServer PACS garantiza una imagenología segura y bajo demanda tanto para radiólogos como para técnicos y médicos referentes. Ya sea que se implemente en la nube o en sitio (on-premises), ofrece un desempeño escalable que crece junto con las necesidades de tu práctica, a la vez que reduce la carga de TI y brinda una experiencia de usuario intuitiva.

Aspectos destacados clave



100% basado en web

Accede a los estudios desde cualquier dispositivo, en cualquier momento: ideal para lecturas remotas y colaboración entre múltiples ubicaciones.



Arquitectura escalable

Las licencias ilimitadas de usuarios e instalaciones te permiten expandirte sin costos ocultos ni inversiones repetidas en hardware.



Módulo de generación de reportes

Plantillas de reportes personalizables, respaldadas por un editor de reportes integrado con Microsoft Word, que garantizan una generación de reportes rápida, consistente y de alta calidad.



Motor de flujo de trabajo robusto

Automatiza las tareas desde la orden hasta la firma final, mejorando los tiempos de respuesta y reduciendo las intervenciones manuales.



Interoperabilidad con IA

Potenciado con automatización de flujos de trabajo impulsada por IA e interoperabilidad de nivel empresarial, PowerServer PACS conecta tus operaciones de imagenología sin complejidad.

[Conoce más](#)

PowerServer LITE PACS

Una solución PACS accesible pero completa, desarrollada para centros de imagenología pequeños y medianos. Ofrece una arquitectura 100% basada en web, consistente con los demás productos PowerServer, además de una gestión integral de imágenes, generación de reportes y distribución. Un flujo de trabajo consolidado que es simple, fácil de usar y opera desde una sola aplicación: LITE PACS optimiza los tiempos de lectura y reduce las cargas administrativas. Actualiza o expande sin contratiempos a medida que tu práctica crece, ¡porque todo está construido sobre la misma plataforma unificada PowerServer!

Aspectos destacados clave



Rentable

Menores costos de licenciamiento, con soporte ilimitado de usuarios, modalidades e instalaciones.



Implementación sencilla

Carga mínima de TI, incorporación (onboarding) rápida y gestión simplificada.



Caché avanzado

Precarga automáticamente los estudios en la estación de trabajo del radiólogo, reduciendo el tiempo de descarga y acelerando la revisión de las imágenes.



Automatización del flujo de trabajo

Incluye un flujo de trabajo consolidado, actualizaciones de la lista de trabajo (worklist) en tiempo real y enrutamiento automático.



Listo para crecer

Escala a PowerServer PACS o RIS/PACS cuando necesites funcionalidad adicional a medida que tu práctica crece.

ADOPTA LA NUBE CON CONFIANZA

Elige la opción basada en la nube de PowerServer para obtener protección integrada contra ransomware, seguridad conforme a la normativa HIPAA y respaldos casi en tiempo real que protegen los datos de los pacientes y garantizan la continuidad del negocio, incluso si los datos se eliminan.



¿Necesitas soporte DICOM antes de un PACS empresarial?

Cada solución independiente (standalone) Gateway™ está impulsada por el mismo motor DICOM integrado, de nivel empresarial y conforme a la normativa HIPAA, que utiliza nuestro PACS, y es totalmente integrable con el conjunto (suite) PowerServer.

Soluciones Gateway gateway™

Gateway Router

Almacena, recupera y archiva de forma ultrarrápida y segura

Gestión de datos y conectividad de modalidades superiores: "la navaja suiza de la radiología".

Gateway Viewer Mini PACS

Lee, diagnostica y genera reportes, todo desde una sola aplicación

Moviliza fácilmente una imagenología optimizada con un visor dinámico diseñado para maximizar la productividad.

Gateway Mammo Viewer Mini PACS

Funcionalidad y flexibilidad inigualables

Potencia la generación de reportes de mastografía con un conjunto completo de herramientas especializadas de mastografía.

[Conoce más](#)

SISTEMA DE SEGUIMIENTO DEL CÁNCER DE MAMA BASADO EN WEB

Seguimiento optimizado del cáncer de mama con Stana™

Se activa fácilmente como un complemento (add-on) de licencia para PowerServer RIS/PACS y TELE PLUS.

Stana™ es un sistema de seguimiento del cáncer de mama totalmente integrado y basado en web, disponible en PowerServer. Stana automatiza el cumplimiento de las directrices de la FDA MQSA, eliminando las herramientas de terceros, mejorando la atención de seguimiento (follow-up) y reduciendo las cargas de trabajo manuales en un solo entorno integral.

Stana captura las puntuaciones BI-RADS, la densidad mamaria y las recomendaciones de seguimiento (follow-up), a la vez que automatiza los recordatorios a las pacientes, la recolección de datos y el rastreo de los resultados. Aprovecha los formularios y las plantillas para reducir los tiempos de respuesta y prevenir los errores de captura de datos. Crea las siguientes órdenes de forma automática con la generación automatizada de órdenes.

Acceso desde cualquier lugar con RapidResults™

Incluido con PowerServer, RapidResults™ es un visor de imágenes sin huella (zero-footprint) y aprobado por la FDA que permite a los médicos referentes visualizar de forma segura las imágenes y los reportes en cualquier dispositivo con acceso a la web: smartphone, tableta o computadora de escritorio. Con mensajería integrada e integración fluida con el EMR, permite tomar decisiones rápidas e informadas sin infraestructura adicional.



Ampliando el poder de Una Sola Plataforma

Aspectos destacados clave

No se requiere instalación.

Acceso optimizado a los reportes actuales y previos.

Colaboración en tiempo real con proveedores internos y externos.

¡RapidResults acelera la comunicación y la interpretación en cualquier momento y lugar!

Información accionable con Essence™ BI

Essence BI™ es el módulo integrado de inteligencia de negocios (business intelligence) de RamSoft para PowerServer. Diseñado para los flujos de trabajo de imagenología, ayuda a las prácticas a descubrir brechas operativas, monitorear el desempeño e impulsar decisiones más inteligentes, todo sin necesidad de conocimientos de programación.

Aspectos destacados clave

Tableros (dashboards) visuales y reportes con arrastrar y soltar (drag-and-drop).

Análisis integrado de tiempos de respuesta, médicos referentes y estudios.

Exportable en múltiples formatos (PDF, XLS, CSV).

“Con los productos basados en la nube de RamSoft, logramos implementar numerosos programas de intercambio de imágenes de las pacientes, **optimizar la eficiencia y ofrecer servicios de alto valor, como la entrega de reportes en 24 horas.**”

— **Miranda Polselli**, B.S., RT (R)(M)(BD)(ARRT) — Cofundadora y COO, MammoLink®

Essence BI permite a los equipos analizar, mejorar y acelerar los resultados con una claridad basada en datos.

Acerca de RamSoft

Después de más de 30 años, RamSoft se ha convertido en un proveedor global de innovadoras soluciones de software de radiología basadas en la nube para centros de imagenología, departamentos de radiología y proveedores de teleradiología. PowerServer® es utilizado por más de 750 sitios y miles de clientes en todo el mundo, y ofrece un diseño flexible y escalable que permite a las operaciones de imagenología de todos los tamaños aprovechar capacidades integrales de RIS (Sistema de Información de Radiología) / PACS (Sistema de Archivo y Comunicación de Imágenes) basadas en la nube. La oferta más reciente de RamSoft, OmegaAI®, es una plataforma nativa de la nube e impulsada por IA que brinda capacidades de RIS y PACS rápidas, seguras y robustas, completamente sin huella (zero footprint). Con la tecnología de Microsoft Azure, las soluciones de RamSoft proporcionan los más altos niveles de seguridad, cumplimiento de HIPAA y protección frente a amenazas de ciberseguridad.

[Conoce más sobre PowerServer](#)

OFICINAS GLOBALES

Contáctanos donde sea que estés.

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Bengaluru 560034

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LITE PACS

A complete,
affordable PACS built
for growth

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PowerServer® LITE PACS

Designed for rapidly growing imaging providers

Built for Imaging Providers on the Rise

Built for small to mid-sized imaging providers, PowerServer® LITE PACS delivers everything needed to streamline diagnostic imaging — at a cost that works for your bottom line.

This 100% web-based, single-database solution is packed with advanced features and built to scale, so your team can stay focused on delivering fast, accurate, and secure patient care — anytime, anywhere.

Accelerate imaging with built-in advantages



Single database architecture

Centralize data for consistent, efficient workflows — no data silos, no complexity.



Unlimited licensing

Add users, modalities, and facilities freely. No per-user fees. Ever.



Easy, web-based access

Read and report from any location with PowerReader — RamSoft®'s integrated client-based reporting tool, offered within PowerServer LITE PACS.



Cloud & hybrid deployment options

Choose the storage and deployment model that works for your practice. Cloud, on-premises, or hybrid — with 99.95% uptime on the RamSoft cloud platform.



Future-ready & scalable

Easily scale up to PowerServer PACS or RIS/PACS as imaging needs grow.

Proven Performance

Performance that moves imaging operations forward

PowerServer 6.7 delivers measurable speed gains across every major imaging modality — so radiologists spend less time waiting and more time reading. Powered by HTJ2K (High Throughput JPEG 2000) compression and remote rendering architecture, v6.7 reduces loading friction across the entire workflow.

Performance Metric	Improvement vs. v6.0
First image render — CR / X-Ray	67% faster
First image render — MG DBT / 3D tomosynthesis	57% faster
Average first image render across all modalities	~39% faster
Full study caching — MR 2,000 image study	80% faster (89s → 18s)
High-res frame delivery	67% faster
MG Tomo cine scrolling	4x faster
Average CT scrolling across input methods	~42% faster

RAPIDRESULTS™

RapidResults™ Viewer: Instant Access, Anywhere

With RapidResults, physicians get secure, no-hassle access to imaging and reports from any device — phones, tablets, or desktops. It works across all platforms and integrates with any EMR.

Features That Drive Results

✓ Stream studies with diagnostic quality	✓ 99.95% system uptime
✓ View prior reports and images	✓ Hybrid options for added flexibility
✓ Communicate directly with care team	✓ Secure messaging and QR code integration
✓ Share results with patients	✓ HIPAA-compliant protection
✓ No installation needed	✓ Zero-footprint browser access

Cloud Confidence You Can Count On

PowerServer LITE PACS, hosted on Microsoft Azure, delivers industry-standard cloud security, cybersecurity resilience, and the reliability imaging operations demand.



Standout Features That Empower Your Workflow

Administrative	Technical	Clinical
- Unlimited, unified, customizable worklists - Real-time study tracking - Audit trails (end user, patient, study level) - Extensive user access control - Amendment tracking - Study assignment and access control	- Web-based, single-database platform - DICOM® modality workload - HL7®, IHE, and DICOM compliant - Automatic workstation configuration - HTJ2K compression for faster delivery - Remote rendering architecture (v6.7)	- Advanced viewing protocols - Critical findings - RapidResults zero-footprint viewer - PET/CT fusion & color mapping - Web-based transcription & dictation - Video-to-DICOM conversion

Workflow

Multi-facility, enterprise synchronization	Universal workload & document management
Secure messaging and QR code integration	Consolidated workflow with capability for trigger-based routing and query & retrieve priors

Performance (v6.7)

- HTJ2K compression — faster image delivery
- Remote rendering — faster first display on any hardware
- Near-instantaneous repeat study loads after caching
- DBT / 3D tomo cine: 4x scrolling throughput

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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.

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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?

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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

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750+

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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.

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AI Orchestration, Built In

PowerServer PACS operationalizes AI across imaging workflows — from triage to diagnosis — through RamSoft’s curated ecosystem of industry-leading AI solutions. These integrations work within your workflow, not around it, turning AI algorithms into real operational impact.

What You Can Expect



Enhanced Image Analysis

Access specialized AI tools for lung, brain, MSK, mammography, and more — directly within your PACS. No separate logins, no workflow breaks.



Seamless Clinical Decision Support

Empower radiologists with data-driven insights that reduce variability and increase consistency across multi-site operations.



Smarter Workflow Triage

Automatically flag and prioritize urgent cases so your team can act fast, when it matters most. Reduced manual prioritization translates directly to faster case routing and improved turnaround time.

RamSoft doesn’t just keep up with AI — we make it operational. PowerServer PACS is the orchestration layer that turns algorithms into real workflow impact.

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“With RamSoft’s cloud-based, patient-centric solutions, you really do realize there’s a patient at the end of the chain. **We went from doing 50 to 100 patients a day to over 7,000 patients a day, thanks to RamSoft’s support.**”

— Drew Gaudet

Co-Founder and Chief Growth Officer, Premier Radiology Services

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AI-Powered Innovation

Smarter Tools. Faster Diagnoses. Better Care.

PowerServer LITE PACS is built for what's next. Through RamSoft's integrated AI ecosystem, RamSoft software embeds industry-leading AI into the clinical workflow — right where it matters most.

What You Can Expect



01

Accelerate turnaround times without compromising accuracy.



02

Enhance diagnostic confidence with AI-assisted detection and insights.



03

Streamline workflows with embedded tools that work where your team already does.



04

Improve care delivery through earlier intervention and better-informed decisions.

Because these solutions are natively integrated, there's no disruption — just enhanced performance, right from the start.

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

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“RamSoft was overall the best solution for our company. With RamSoft's cloud-based products, we were able to implement many programs, optimize efficiency of patient image sharing, and offer high-value services such as a 24-hour report turnaround.”

- Miranda Polselli

Co-Founder & COO, MammoLink®

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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.

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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](#)

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TELE PLUS

**A powerful web-based
teleradiology platform built
to connect, streamline, and
scale.**

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POWERSERVER® TELE PLUS

Futureproof Your Teleradiology Practice

PowerServer® TELE PLUS is more than a teleradiology solution—it's your operational edge. As a 100% web-based application with a single-database architecture, TELE PLUS empowers your team to access studies from anywhere, anytime, with enterprise-level control and simplicity.

Whether you're scaling across sites or collaborating across borders, this platform grows with you—without compromise. TELE PLUS version 6.7 delivers measurable performance improvements that directly impact radiology throughput and turnaround time, powered by HTJ2K image compression and remote rendering technology.

Key operational benefits



Real-time study access — from any location, any device, no VPN required



Significant cost savings — zero infrastructure maintenance, reduced hardware overhead



99.95% guaranteed uptime — Microsoft Azure-hosted with built-in redundancy



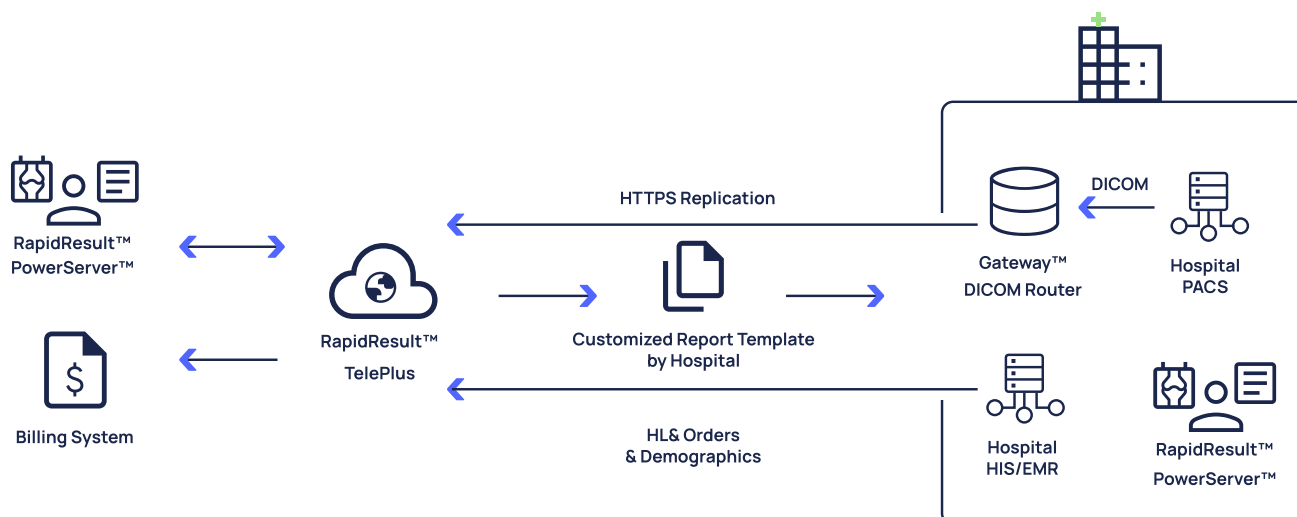
Elastic scale — from a single clinic to a multi-site enterprise with simplified configuration



Seamless upgrades — real-time database backups with zero workflow disruption



Flexible storage — redundant server support to match any operational model



Speed that changes how radiologists work

PowerServer 6.7 delivers meaningful performance improvements across every modality—reducing time from study open to first image, accelerating full study caching, and dramatically increasing scroll throughput. These aren't infrastructure metrics. They're workflow metrics that affect every read.

The following benchmark results compare v6.7 to v6.0 under controlled, uncached (cold-start) conditions on identical hardware. Performance gains are driven by two core v6.7 architectural advances:

- **HTJ2K (High Throughput JPEG 2000) compression** – reduces data transfer overhead, particularly for large studies and high-resolution modalities such as MG DBT
- **Remote rendering** – offloads decode and render processing from the client, delivering faster first-image display even on constrained endpoints

v6.7 performance benchmark summary

Metric	v6.7 vs v6.0
First image render (avg. all modalities)	~39% faster
First image render – CR / X-Ray	67% faster
First image render – MG DBT (3D)	57% faster
First image render – CT	40% faster
First image render – PET/CT	50% faster
Full study caching (MR 2,000-image study)	80% faster (89s → 18s)
High-res frame loading	67% faster
MG Tomo scrolling (cine playback)	4× faster
CT scrolling (avg. across input methods)	~42% faster

All benchmarks conducted on identical hardware under uncached (cold-start) conditions. Results may vary across network conditions and study sizes. Available for solutions hosted on Azure.

What this means for your operations



01

MR large studies (2,000 images): Full study cache dropped from 1 minute 29 seconds to 18 seconds — an 80% reduction that eliminates the single largest wait point in high-volume MR workflows.



02

MG DBT (3D tomosynthesis): 57% faster first-image render and ~60% faster full study load — critical for high-throughput mammography screening programs where radiologist idle time translates directly to throughput loss.



03

CT scrolling: 42% faster on average across keyboard, mouse wheel, and cine playback — reducing cognitive interruption during multi-series CT reads.



04

MG Tomo cine playback: 4x faster — enabling fluid slice review at speeds that match clinical reading pace.



05

Chest X-ray (CR): 67% faster first-image render — the highest single-modality improvement, benefiting high-volume plain film environments.

What sets TELE PLUS apart?

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RapidResults™ — speed meets accessibility

Give referring physicians instant, secure access to diagnostic reports and images—on any device, with no downloads required.

- EMR-integrated zero-footprint viewer
- Secure image and report sharing with patients
- Basic manipulation tools included
- Seamless interoperability between systems and providers

Cloud solutions — uptime you can rely on

Trust a highly secure, high-availability cloud infrastructure built for healthcare, hosted on the Microsoft Azure platform.

- 99.95% guaranteed uptime
- Built-in data redundancy and recovery
- Reduced hardware costs = boosted ROI
- Industry-accredited data protection and support

Essence BI™ — business intelligence

Empower business decisions with real-time data analytics that reveal workflow performance across your entire operation.

- Track turnaround times and read volumes
- Spot bottlenecks in workflow before they compound
- Drive revenue growth through actionable insights
- View dashboards on desktop or iPad

Comprehensive capabilities

PowerServer TELE PLUS covers every dimension of teleradiology operations — administrative, clinical, technical, and workflow — in a single platform.



Administrative	Technical	Clinical
Customizable Universal Worklists (UWL) across facilities Full audit trails and amendment tracking Built-in RIS billing tools with customizable fee schedules and code mapping Role-based user access control and secure login management	100% web-based single-database platform Built-in rapid DICOM® routing and pre-caching HTJ2K (High Throughput JPEG 2000) image compression — key driver of v6.7 speed gains Remote rendering — offloads processing for faster first-image display Compliance with DICOM, HL7, and IHE standards TLS-secured communication and encrypted data handling	Multi-patient viewing and advanced visualization tools PET/CT fusion and mammography tomosynthesis support Web-based dictation and transcription Critical findings alerting Customizable viewing protocols

Workflow

✓ Unlimited unified worklists	✓ Customizable automated multi-facility workflow routing
✓ Automated, multi-site workflow routing	✓ Secure messaging and simple document management
✓ Enterprise synchronization	✓ Integrated QR code support

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AI ORCHESTRATION

AI operationalized — not just added on

Smarter workflows. Sharper decisions.
Seamless integration.

With PowerServer TELE PLUS, AI isn't a feature you configure once and forget—it's orchestrated into your workflow. We've partnered with industry-leading AI innovations to bring intelligent automation to every corner of your teleradiology environment.

These integrated solutions work alongside your radiologists to prioritize studies, surface critical findings, and drive faster, more accurate clinical decisions—all within a single platform.

AI partner capabilities include:



Triage automation

identify time-sensitive findings faster, reducing manual prioritization steps



Quantitative analysis

reduce read variability and increase diagnostic confidence at scale



Intelligent workflow routing

ensure the right cases reach the right specialists, automatically



Decision support tools

enhance diagnostic accuracy without adding steps to the radiologist's workflow

The result: AI working in tandem with clinical expertise to deliver care that's not only faster—but measurably better.

Blume®-Enabled: Seamless Patient Access and Engagement

Unlock patient-centered care with effortless image and report sharing.

PowerServer® TELE PLUS now comes integrated with Blume®, RamSoft's secure, cloud-based patient engagement solution. Designed to simplify communication and eliminate friction in the imaging journey, Blume® empowers patients with instant, self-serve access to their medical images and reports—anytime, anywhere.

By integrating Blume® directly into TELE PLUS, your practice gains more than convenience. You gain time, trust, and transparency.

Key benefits of Blume® integration:



Direct patient access to imaging studies and reports via secure links—no CDs or portals required



Faster follow-up care through simplified sharing with referring physicians and care teams



Fewer administrative bottlenecks with reduced call volumes and manual image distribution



Built-in compliance and privacy with end-to-end encryption and audit tracking

*For teleradiology providers who support patient-facing workflows, PowerServer® TELE PLUS can be paired with Blume®. It enables instant image and report sharing through encrypted links—no portals or CDs required.

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“With RamSoft, I can read studies anywhere—on vacation, in an airport lounge, or at my son’s house. The images are crystal clear, the system is fast, and the patient outcomes are better.”

Dr. Bernard (“Bud”) Landry, Radiologist and Owner, LLC Teleradiology

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