Rad AI

Evaluating the Next Generation of Radiology Reporting

A Practical Guide for Organizations Navigating the PowerScribe® 360 End-of-Life Transition

Microsoft's decision to end annual renewals for PowerScribe® 360 by August 31, 2026, with full support ending August 31, 2027, is prompting many radiology organizations to revisit their reporting platform for the first time in years.

For most institutions, this is not simply a version upgrade. It is a broader operational decision that will influence:

- radiologist workflow
- implementation risk
- infrastructure ownership
- long-term reporting architecture
- vendor partnership and support

Because reporting sits directly inside the radiologist's daily reading workflow, the implications extend far beyond software selection.

Many organizations are using this moment to step back and ask a broader question:

What should modern radiology reporting actually deliver?

Key Questions Radiology Leaders Should Ask Before Choosing Their Next Reporting Platform

PowerScribe 360's end-of-life timeline introduces urgency, but it also creates a strategic inflection point. Radiology organizations now have an opportunity to reconsider how reporting systems should support efficiency, accuracy and the evolving role of AI in the reading workflow.

Leaders evaluating reporting platforms are increasingly focused on several practical questions.

01

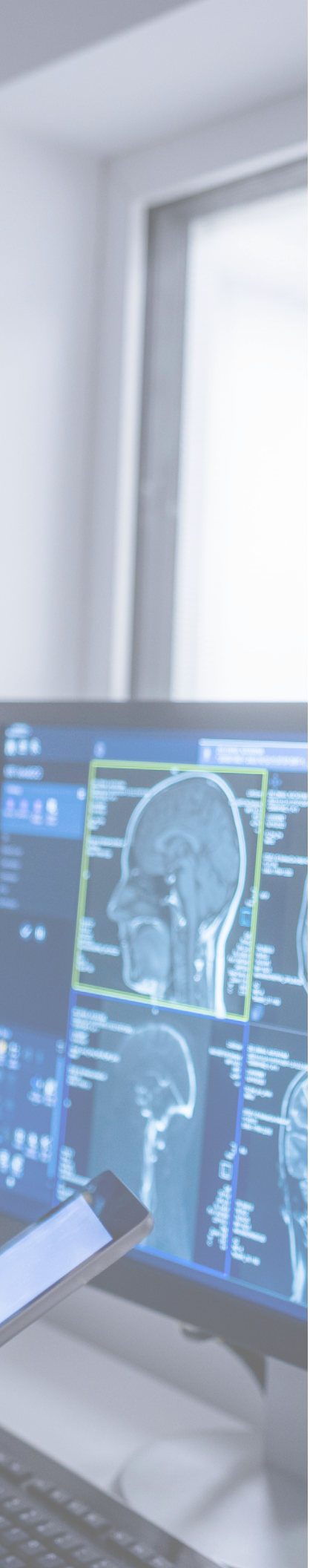
Will this improve radiologist workflow — or simply change it?

In high-volume environments, minor workflow regressions - like extra clicks, latency or rigid sequencing - compound quickly into a massive cognitive tax. Functional is not the same as frictionless. Even small workflow disruptions can compound quickly across high-volume reading environments.

Important considerations include:

- Does the system support continuous, natural dictation flow?
- Does it reduce repetitive tasks such as reporting unchanged follow-ups?
- Does it strengthen report clarity and catch clinical inconsistencies without extra clicks or navigation?
- Does the technology adapt to how radiologists work, or must radiologists adapt to the system?

The most effective reporting platforms are often the ones radiologists barely notice — allowing radiologists to keep their focus on the image, not the interface.



02

What operational burden will the organization inherit?

Reporting systems carry infrastructure and operational requirements that extend well beyond the application itself. A low per-report software fee often masks a massive Total Cost of Ownership (TCO).

Organizations should understand whether the platform requires:

- Application servers or on-prem infrastructure
- SQL licensing and database management
- Storage, backup and disaster recovery planning
- Ongoing patching and upgrade cycles
- Scheduled downtime for system updates

These factors often influence **total cost of ownership and IT workload** more than subscription pricing alone.

03

How disruptive will the transition be?

Even strong technology can struggle if the operational transition is underestimated. Migrating to a new reporting platform is rarely a simple version update - it is often a several months conversion requiring exhaustive data migration and workflow redesign.

Leaders should evaluate:

- Implementation timelines and complexity
- Workflow retraining requirements
- Template migration and reporting standardization
- Radiologist adoption and change management
- The level of implementation and training support provided by the vendor
- If AI-models are pre-trained on site-specific data
- Any hardware replacement requirements

In practice, the success of a reporting transition often depends as much on **implementation support and partnership** as on the technology itself.

04

Is the platform built for the future of radiology?

Radiology reporting is evolving quickly as artificial intelligence, structured data, and workflow automation become more integrated into clinical practice.

Organizations evaluating reporting platforms today are increasingly asking:

- Will this system reduce repetitive reporting work over time?
- Will it support AI-driven reporting capabilities as they mature?
- Will it evolve continuously without requiring major infrastructure changes?
- Will it remain aligned with radiologist workflow as clinical practice evolves?

For many organizations, the reporting platform selected today will shape workflow for the next decade.

Common Challenges Organizations Are Trying to Avoid

Across peer discussions, industry evaluations, and radiology leadership forums, several themes consistently emerge when organizations reassess reporting systems.

Workflow friction

Extra clicks, rigid dictation sequencing, or repetitive documentation requirements can slow reporting and increase cognitive load.

Latency and reliability concerns

Even small delays during dictation or report generation can accumulate across hundreds of studies and affect concentration and reading efficiency.

Hidden infrastructure costs

Application servers, SQL licensing, storage infrastructure and maintenance cycles can significantly increase the long-term cost of operating legacy reporting platforms.

Systems designed around technical constraints

Some reporting tools are driven by outdated architectural limitations rather than the way radiologists naturally dictate, interpret, and communicate findings.

These factors are increasingly driving organizations to reconsider what a modern reporting platform should provide.

Rad AI Reporting: A Modern Approach to Radiology Workflow

Rad AI Reporting was designed around a simple principle: **reporting systems should strengthen radiologist workflow, not interrupt it.**

Radiology is our sole focus

Rad AI is built entirely around radiology reporting and workflow improvement. Today the platform is used by **200+ organizations**, including many of the largest private radiology groups in the United States. The company works closely with the radiology community and organizations such as **RSNA** to continuously evolve reporting capabilities.

Less dictation. More interpretation

Rad AI Reporting reduces repetitive reporting tasks by automating many of the mechanics of report generation.

Examples include:

- Automatic structuring of free dictation
- Simple insertion of stable findings on unchanged follow-up exams
- Automated propagation of measurements and structured data
- Personalized impression generation aligned with each radiologist's reporting style

Customers commonly report:

- **20–60 seconds saved per exam**
- Approximately **one hour saved per radiologist shift**

AI that strengthens report quality

Rad AI incorporates an automated, two-layer validation system directly into the reporting workflow. Rather than relying on disruptive pop-ups that break clinical concentration, these checks run quietly in the background to catch discrepancies before sign-off.

These capabilities actively identify and resolve:

- Clinical inconsistencies by automatically flagging mismatches in age, sex, spelling and grammar.
- Completeness gaps by ensuring no missed clinical questions or unaddressed indications slip through the cracks.
- Alignment between the body of the findings and the final synthesized impression.
- Automatically inserts the right consensus guideline recommendation.

By catching these errors in real time, customers have observed:

~47% reduction in impression errors.

~60% reduction in overall report errors.

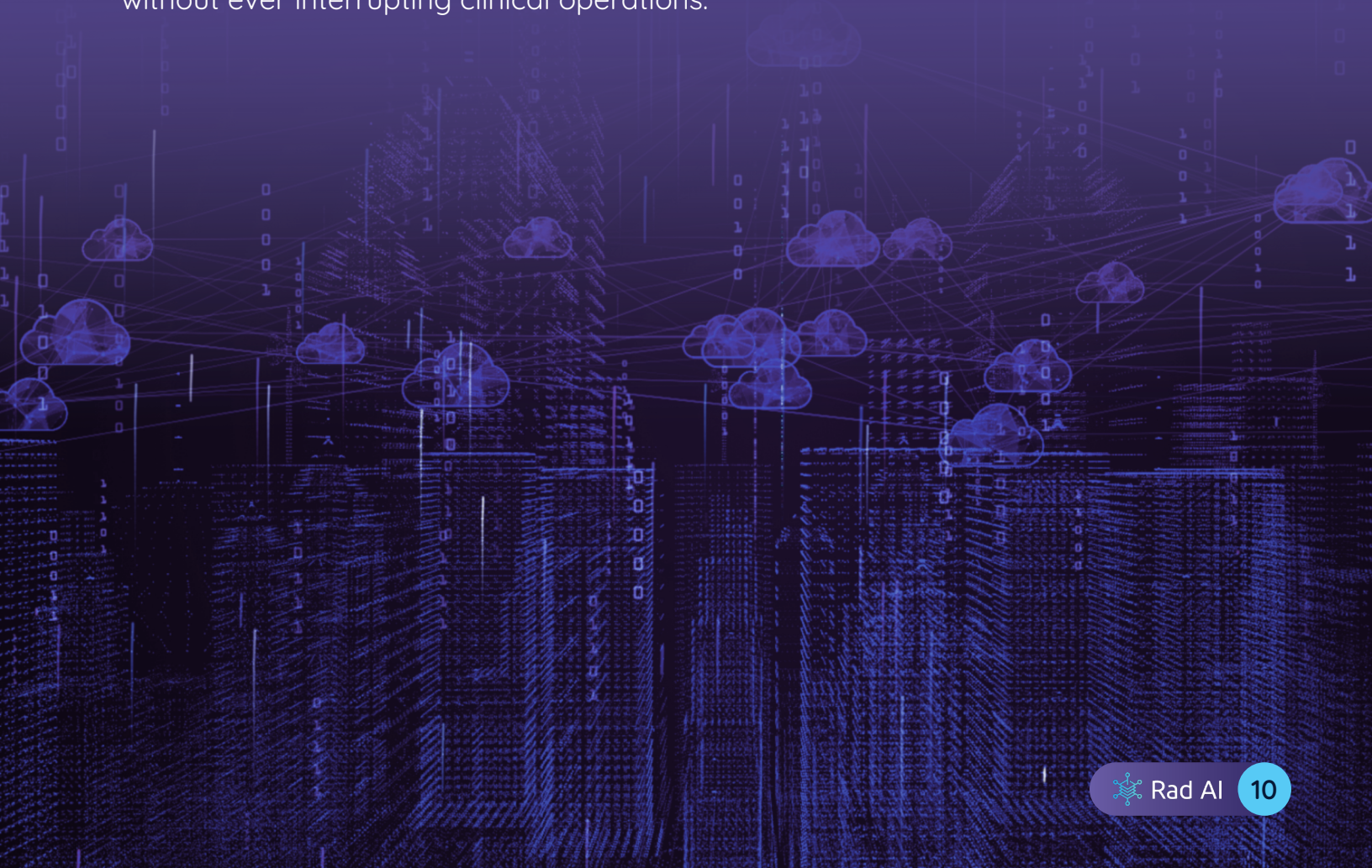
These improvements strengthen report clarity and downstream clinical care.

Modern cloud-native architecture

Rad AI Reporting is delivered as a fully managed, true cloud-native platform. By moving away from complex legacy hybrid-cloud architectures, organizations eliminate hidden infrastructure burdens, including:

- Zero on-premises application servers
- Hidden SQL licensing costs
- Forced hardware refresh cycles
- Scheduled downtime

Because Rad AI operates as a fully managed SaaS requiring only a lightweight edge agent, updates and workflow improvements are delivered continuously in the background. Your reporting platform evolves constantly without ever interrupting clinical operations.



More Than Technology: The Importance of the Right Partner

For many organizations, the success of a reporting transition depends as much on vendor partnership as on software capabilities.

Rad AI supports customers through every stage of the journey.

Implementation support

Reporting platform changes are significant operational events. Rad AI works closely with customers to plan and execute transitions deliberately and safely.

Support includes:

- Workflow assessment, planning and preservation
- Implementation sequencing and coordination
- Interface and integration support
- Template migration
- Training and onboarding preparation

Customer success and workflow optimization

After go-live, dedicated customer success teams work closely with customers to ensure:

- Strong radiologist adoption
- Continuous workflow improvement
- Alignment between product evolution and customer needs

The goal is not just successful deployment, but sustained workflow improvement.

Responsive technical support

Rad AI's cloud-native architecture enables faster issue resolution and continuous product improvement.

Customers benefit from:

- Responsive technical support teams
- Continuous platform enhancements
- Direct feedback channels between users and product development

A Moment to Reevaluate Radiology Reporting

As PowerScribe 360 approaches end-of-life, many organizations are taking the opportunity to reassess their reporting platform.

For some, the path forward will be a straightforward migration.

For others, this moment provides a valuable opportunity to evaluate what reporting systems should deliver for radiologists in the years ahead.

The most important question may not be **which system replaces the current one**, but rather:

? Which platform will solve today's challenges and best support radiologist workflow, operational efficiency and clinical communication moving forward?

Rad AI Reporting was built to support organizations seeking a modern reporting platform designed around radiologists, workflow efficiency, and continuous innovation.

If you're evaluating your next reporting platform, we'd love to chat.

Schedule time with the Rad AI team to explore what modern reporting can look like.

Book a time

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