

Data Sheet

A smarter way to deploy AI for medical imaging

IBM Imaging AI Orchestrator

In a dynamic industry environment, your health system has new opportunities to reconsider how it works. In the race to position your organization as top tier, next generation imaging technologies can help you stand out to your physicians and patients. An innovative state-of-the-art system, based on AI and machine learning, is possible as radiologists become more familiar with the technologies. And so, health organizations are moving quickly to implement these valuable applications.

However, with the addition of each new application to the imaging technology infrastructure, IT departments are tasked with implementation challenges: establishing protocols; figuring out workflow integrations; and managing upgrade requirements. Now you can set a strategic foundation that ensures AI applications work with your current PACS and other imaging investments. No more overtaxing of organizational resources or causing disruption to physicians' clinical workflows.

Introducing: IBM® Imaging AI Orchestrator, a vendor-neutral AI service from IBM® Watson Health® that standardizes the delivery of AI applications across imaging departments and seamlessly scales with your health system.

What makes it different?

- It is built on IBM's industrial-strength, enterprise-grade hybrid cloud infrastructure, that complies with healthcare regulatory and legal requirements, and that leverages healthcare data standards such as DICOM and HL7. You can be assured of uptime, performance and the security integrity of your AI applications.
- You can leverage your existing enterprise imaging and IT infrastructure. Using IBM iConnect® Enterprise Archive as a single, vendor-neutral gateway, implementation is "once-and-done," allowing you to give physicians access to insights from multiple AI applications across the enterprise – and to easily add more applications over time.
- It simplifies the complex process of selecting AI imaging applications by including innovations that specialize in various modalities and pathologies. IBM continually monitors the industry to include proven applications.
- Also, once implemented, IBM offers a single source of support. IBM manages upgrades and enhancements directly – with the AI application vendors behind the scenes. You can focus your time and attention on ensuring that your health system is best positioned to deliver high quality patient care.

[To learn more, visit \[ibm.com/products/imaging-ai-orchestrator\]\(https://ibm.com/products/imaging-ai-orchestrator\) →](https://ibm.com/products/imaging-ai-orchestrator)

Why IBM® Imaging AI Orchestrator:



Scalable: Cloud-native with intelligent edge devices, so it does not require major changes to current IT infrastructures. When needed, add or subtract AI applications from your subscription with minimal impact on IT resources.



Secure: Every AI application offered through AI Orchestrator is verified to meet IBM's gold standard for data security, privacy, and legal and regulatory compliance.



Centralized: a single source for imaging AI makes it easy to discover and try new AI applications, while ensuring IT administration oversight.

About IBM Watson Health

Each day, professionals throughout the health ecosystem make powerful progress toward a healthier future. At IBM Watson Health, we help them remove obstacles, optimize efforts and reveal new insights to support the people they serve. Working across the landscape, from payers and providers to governments and life sciences, we bring together deep health expertise; proven innovation; and the power of artificial intelligence to enable our customers to uncover, connect and act — as they work to solve health challenges for people everywhere.

Learn more:

ibm.com/watsonhealth

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