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## CLIENT CLOUD PRIVATE DEPLOYMENT

Deploy AI locally, and keep your patient data secure with Ferrum Health's Platform

Ferrum Health ensures the integration of AI's capabilities while safeguarding patient confidentiality. Our platform is deployed within your local network, fortified by your firewall, to maintain the highest data protection standards.

## VENDOR BACKDOORS CAUSED 80% OF 2023'S LARGEST PHI BREACHES

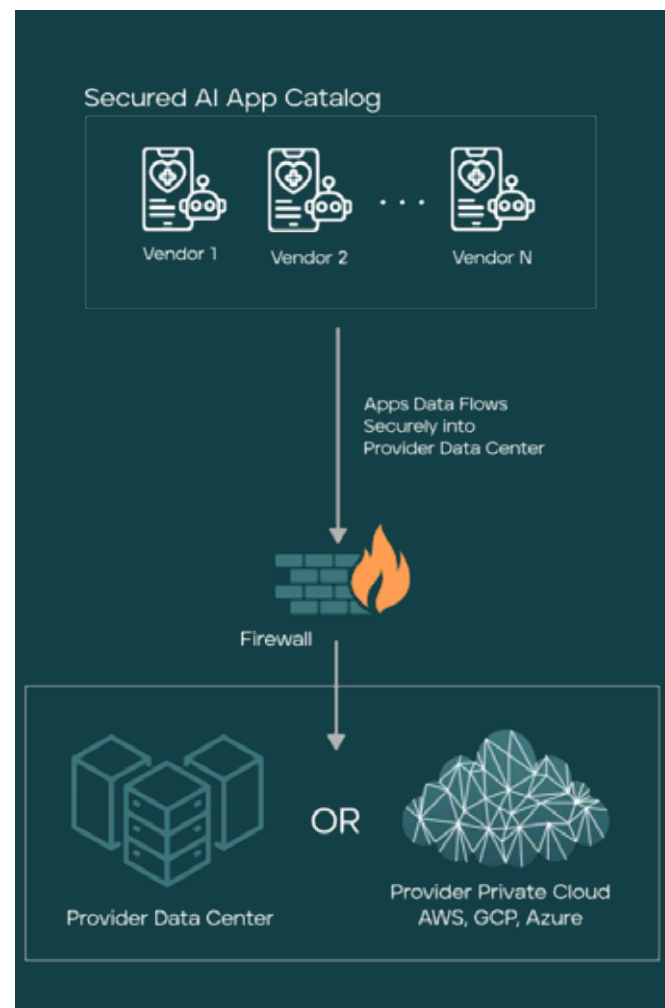
Instead of sending patient data to vendors, Ferrum deploys AI tools into your private environment, either your private cloud or on-prem data center, drastically reducing the risk of data breaches—a risk that has escalated with third-party breaches doubling in the past year. By keeping Protected Health Information (PHI) within the confines of your network, Ferrum:

- Enables local installation in various environments.
- Processes data securely within your firewall, eliminating third-party data exposure.
- Provides rapid delivery of results to radiologists, often within minutes.

This approach is central to our mission to decrease the frequency of data breaches year over year.

### FERRUM'S ARCHITECTURE SOLVES:

- Cybersecurity Risk
- Deployment Costs
- Turnaround Time
- Application Uptime



## INDUSTRY ANSWERS

We sat down with an IT manager from a health system we support to ask how they have benefitted from our on-prem, client cloud approach.

1

How has your IT department benefited the most from working with Ferrum Health?

"Not having to be as involved in the lift and support of each algorithm has been great. I don't have to use as much time monitoring each one."

2

What benefits do you get with our private deployment approach to installation?

"Our cyber security team has trouble getting things approved, and Ferrum's model makes the approval process easy, which says a lot."

3

What advantages does Ferrum offer over other healthcare AI platforms?

"We get 1000% better support from Ferrum. When we need help we get it immediately. We like the support and having everything on-site"

## Security Risks

As cyber threats evolve, particularly targeting third-party vendors that handle health system data, maintaining a secure data environment is more critical than ever. Understanding your internal data protection is straightforward, but monitoring third-party safeguards is complex and uncertain.

Ferrum recognizes the importance of safeguarding patient data, so our solution operates within your private cloud, ensuring no contractors or partners can access your data. Our approach directly responds to the healthcare sector's vulnerability to cyber attacks, with backdoor exploits significantly contributing to this trend. With Ferrum, you benefit from:

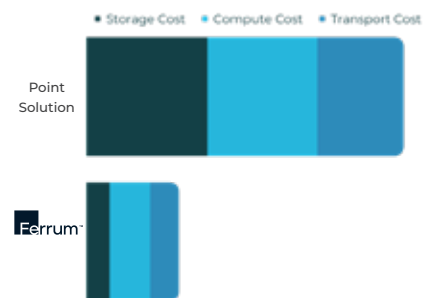
- No third-party vendor access to your data.
- Zero Protected Health Information (PHI) transfer to external clouds.

## Deployment Costs

Integrating AI algorithms into your systems incurs substantial expenses, chiefly attributed to data storage, computation, and result dissemination to radiologists and vendors.

The accompanying graph illustrates that these costs are markedly higher with point solution implementations. Ferrum's local deployment model curtails these expenses by:

- Eliminating the need for additional cloud storage purchases.
- Avoiding the rental of extra GPU resources for handling large file transfers.
- Reducing expenditures on data transmission to vendors.



## Turnaround Time

Transferring voluminous radiological images to the cloud can be time-consuming, particularly if your network infrastructure isn't cloud-optimized. The compounded lag, caused by the multiple nodes these images traverse in the cloud, can frustrate radiologists and impede their work.

Ferrum Health alleviates these challenges with a private deployment strategy. By locally transferring these large image files, we ensure minimal delay.



### 70% of Images are Processed in 5 Minutes

Enable your physicians to harness AI effectively with real-world scan completions averaging just 5 minutes, optimizing their workflow and patient care.

## IT Complexity

Collaborating with numerous vendors while continuously transferring data to their clouds exponentially increases data protection complexity. Ferrum simplifies this landscape: by providing a singular integration with your PACS, EHR, and RIS systems, we offer a consolidated support structure for IT and a unified contract for all vendor services.



### White Glove Support from Ferrum

Ferrum Health provides premium, white glove service and support from initial setup and continuously throughout our partnership, ensuring a seamless start within days.



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