

Montgomery Radiology



The Issue at Hand

Montgomery Radiology found it necessary to consider IT expansion to implement compliance advancements and new software purchased for radiologist.

They researched their options and came to two choices:

- Add an on-prem system to meet the new stringent hardware requirements
- Host new application in the cloud

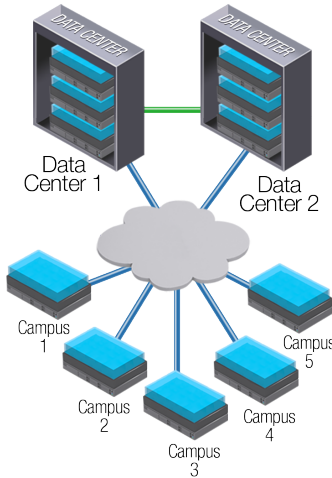
Montgomery Radiology also had pressure from their CEO and Task Force Team to move to the cloud because of anticipated cost reduction.

Evaluating Their Options

Montgomery Radiology’s CIO requested hardware and cloud quotes to financially and technically analyze the vital IT expansion.

IT Expansion Requirements: 11x Servers, 440 (3GHz)x Cores, 44x VMs, 2x VMware Clusters, 512GB RAM per server, 40TB SSD Storage, 6x Windows DC, 19x RHL

The CEO and Task Force Team were shocked by the TCO differences between their options.



Cost Options

5-Year Cost

Nfina Purchase	
Purchase System Outright	\$ 300,000
Nfina Lease	
Hardware (5-year Lease @ \$5,500/month)	\$ 330,000
Nfina Edge Hybrid-Cloud Solution	
Turnkey Edge Hybrid-Cloud Plus Managed Services (5-year Contract @ \$40,000/mo) Includes: HaaS, Cloud Storage, Backup and DR, Managed Services	\$2,400,000
Azure Cloud Service	
Total – Azure Cloud Service Plus Managed Services (5-year Contract @ \$58,200/mo)	\$3,492,000

Conclusion: On-Prem Purchase Advantages

- High performance and low latency: < 5 ms on-prem vs ~100 ms cloud
- More copies of their data plus cluster-to-cluster replication reduces risk
- \$3,192,000 savings over 5-years
- Financial savings for on-prem solution easily justifies the expense of in-house IT Staff over the next five years and boost their IT Help Desk capabilities and turn around time
- Fixed-site cloud infrastructure is always more expensive than on-prem