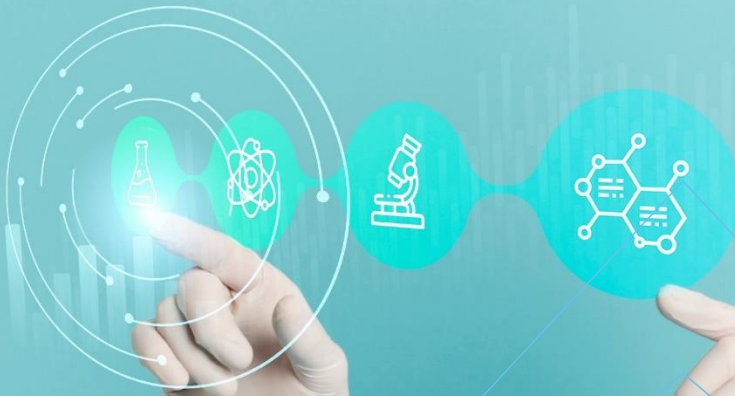


Case Study



Infrastructure Modernization for a Healthcare provider



Challenges

Very high technical debt in terms of legacy hardware, end of life operating system, and 3rd party software
Inefficient data center and workload distribution
Disaster recovery scenarios only partially tested
Reactive hardware procurement approach resulting in an inefficient mix of bare metal servers, virtualized platform and cloud adoption
Potential software licensing issues due to not following industry best practices for design and architecture of infrastructure
Mindset of working with 2 tier software architecture resulting in overall inefficiencies from infrastructure implementation perspective





Scope of work

- Infrastructure Modernization and Managed Services covers the following services
 - Greenfield implementation of Hyper Converged Infrastructure
 - Primary and DR Data Center Management
 - Implementation of cutting-edge infrastructure management and monitoring tools and processes
 - Modernized Network Operations and Security Operations centers (NOC/NOC)
- Manage end to end infrastructure modernization for in-scope applications starting from assessment to design to procurement and implementation of primary and DR data centers



Solution

- Exhaustive due diligence and assessment of infrastructure sizing requirements
- Continuous engagement with client architects and security teams to align with existing controls and implement industry best practices with future cloud scalability as key design principle
- Implementation of high performance On-premises Hyper Converged Infrastructure
- Infrastructure modernization through projects such as network segmentation, O365 implementation, EoL upgrades of SQL and Windows, re-write and upgrades of in-scope applications to n-1 versions
- Thorough evaluation, implementation and institutionalization of industry standard infra tools and processes for SOC/NOC functions



Benefits

- Upgraded hardware, operating system and 3rd party/custom software
- Improved security practices for new data center
- Leverage virtualization to cater to fluctuating demand on infrastructure demands
- RTO revision from 72 hrs to 24 hrs for applications hosted in new data center
- Overall improvement of the data center, Disaster recovery, SOC/NOC and high performing infrastructure
- Rationalization of 3rd party software licensing



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