Alphamatic

HOSPITAL

SUCCESS STORY:

TRANSFORMING HEALTHCARE IT:
How a Regional Medical Center Leveraged Our HCI Solution

Alphamatic Systems recently completed a successful IT infrastructure upgrade for a leading multi-site medical center operating across Kuala Lumpur, Perak, and Kelantan. Delivered through our AlphaCare IT Services, the project was a key step in preparing the client for the deployment of a new Hospital Information System (HIS). By leveraging Sangfor Hyper-Converged Infrastructure (HCI) on Dell PowerEdge servers, the upgrade ensures high performance, scalability, and long-term reliability to support the client's evolving healthcare operations.

KEY CHALLENGES
The medical center was facing several challenges:

Existing IT infrastructure was outdated and no longer supported the performance demands of modern healthcare applications.	The new HIS required high IOPS, scalability, and ease of management.	An immediate infrastructure overhaul was necessary to support future growth and ensure service continuity.

Our Solution

- To address these challenges, Alphamatic implemented a cost-effective Hyper-Converged Infrastructure (HCI) solution using Sangfor HCI on Dell PowerEdge Servers:

- Completed deployment within a short timeframe, backed by a 3-year support plan including unlimited incidents.

- Delivered high performance, high IOPS, and simplified IT management.

- Established secure Site-to-Site VPN tunnels for smooth data flow across all locations.

Results Achieved

- Improved system performance, scalability, and reliability.

- Significantly reduced planned and unplanned downtime.

- Optimized disaster recovery with best-in-class RTO and RPO.

- Enhanced ROI and reduced capital expenditure.

This successful deployment reinforces Alphamatic's commitment to delivering robust and scalable IT solutions that empower the digital transformation of Malaysia's healthcare sector.

READ MORE ABOUT OUR HCI SOLUTIONS