

HEALTHCARE ORGANIZATION INFRASTRUCTURE GETS INCREASED CAPACITY WITH MELILLO HPE SYNERGY AND SUPERDOME FLEX UPGRADE



Challenge

In 2021, a non-profit healthcare network acquired a majority stake in a single-hospital system to expand access to high-quality care to the state's residents. In what is dubbed as a "unique model for health system co-ownership," the co-membership agreement brings the two healthcare systems together under the client's larger network of care.

As a result, the client needed to expand its IT infrastructure to accommodate the increased and bring the new member hospital into one cohesive IT ecosystem with no downtime or operational disruption. With significantly more users, patients, beds, and records to manage—and an existing infrastructure that was approaching end-of-life—the client needed to upgrade its compute while migrating the new member hospital off its existing IT infrastructure.

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Solution

With a 20-year track record of consistently delivering successful IT projects for the hospital system, Melillo began by identifying how much capacity the client was currently using and how much they would need following the merger. With the additional users and systems, they also needed to increase performance capabilities to support the multiple databases, which meant moving from a 4-processor system to an 8-way server.

After assessing a range of options offering the most cost-effective prices, they recommended HPE Superdome Flex. What's more, because the client's non-EPIC infrastructure had already been successfully running on HPE Synergy, Melillo brought Synergy into an updated EPIC infrastructure to support applications, along with Superdome Flex for the database tier.

Results

By upgrading EPIC to include HPE Superdome Flex and Synergy, the now eight-hospital system is enjoying optimal performance and capacity to support the acquisition with fewer servers at a reduced spend. Plus, with Melillo's expert guidance, the go-live to the new environment was completed flawlessly—with zero downtime, delays, or glitches.

With an EPIC infrastructure powered by modern server technology in place, the client now consistently achieves the highest possible grades on Health Check.