



Case Study

CHOC Children’s Hospital Moves Patient-Critical Assets to New Data Center

The client

CHOC Children’s Hospital serves hundreds of thousands of patients over multiple locations in Southern California. Like other healthcare systems, it faces stiff requirements for data protection, availability, and redundancy.

The challenge: Move to a colocation facility, reduce IT footprint on premises

When CHOC Children’s leadership decided to modernize its data center, they knew that moving to a new collocated provider was a critical project that had to be handled with the utmost care and speed.

Patient-critical environments require proven migration strategies that minimize risk and move systems in a highly controlled manner, while also adhering to published downtime windows. Pressures around hospital system criticality and very tight timelines were a necessary part of the initiatives, so effective project management — not just the solution itself — was critical.

Industry:

Healthcare

CDCT provided:

- Proof of concept that included:
 - Program management
 - Discovery
 - Analysis
 - Planning and execution
- Data center migration (two move events)
- Solution design
- Deployment

CDCT services:

- Consulting Services
- Data center migration
- Discovery using the SnapStart engine

The solution: Plan and carry out a seamless end-to-end transition

CHOC Children's asked Insight Cloud + Data Center Transformation (CDCT) to assess, manage, and carry out the move, transforming CHOC Children's IT posture without disrupting critical and sensitive IT operations. The project encompassed 500 virtual machines, 75 physical servers, 500TB of data storage, and 130 applications.

Work began by deploying SnapStart, CDCT's proprietary discovery engine for scanning, locating, and mapping IT assets. In CHOC Children's case, the tool saved an estimated 66% of discovery time, compared to what it would take using traditional methods.

With an all-inclusive inventory of the IT environment, CDCT then mapped CHOC Children's IT transformation journey. We used our Customer Application Data Manager (CADM) tool for the data collection phase to gather application business requirements and downtime expectations. The team's use of CADM enabled streamlined and accurate data collection and validation, while the platform's user-friendly nature empowered the client's application owners to work independently while still allowing for PM-level validation of responses. These assessments were complemented by site visits to determine where the new data center should reside.

Quickly, CHOC Children's and CDCT together created an entirely new design that included many technologies and processes that were new to the hospital. The build process lasted several months and included two major move events.

The benefits: Data center redundancy, efficiency, and future readiness

In two seamless move events, CHOC Children's reduced its overall IT footprint and moved to a new colocation facility. There were no service interruptions at any time.

Today, with the transition completed, CHOC Children's is operating in a new IT paradigm, with enhanced efficiency and agility.

The details: Learn how the rapid deployment to a remote work force and migration to a new data center drove infrastructure modernization and ultimately impacted CHOC's patient care



CHOC Children's Hospital Rapidly Deploys a Remote Workforce



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The Impact of IT on Patient Care – A Conversation With CHOC Children's Hospital CTO

Benefits:



Reduced IT footprint



Modernized technology and procedures

Increased efficiency and agility across the hospital network

Successful project completion in support of a wider digital transformation initiative



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