The Medical Center of Central Georgia

The ClearCube Solution Helps With HIPAA Compliance

The Medical Center of Central Georgia

OVERVIEW

▶ **The Challenge**
MCCG needed an IT solution that solved space and security challenges while still providing the full-scale PC performance critical to all clinical areas

▶ **The Solution**
Deploy ClearCube PC Blades and User Ports throughout MCCG in nursing stations, emergency rooms, administration offices and training rooms

▶ **The Benefit**
The ClearCube solution, through its use of centralized computing, provides a HIPAA-standard, space efficient and reliable IT solution for MCCG

The Medical Center of Central Georgia (MCCG) has been serving generations of Central and Southern Georgians for more than 100 years. This not-for-profit regional hospital has the latest high-tech medical equipment and staff dedicated to providing all patients with compassionate, high quality healthcare.

The Challenge

With more than 4,000 employees and 637 patient beds, the Medical Center of Central Georgia needed an IT solution that solved space and security challenges while still providing the full-scale PC performance critical to all clinical areas.

HIPAA standards make the security of patient medical and financial data paramount. Traditional PCs posed a potential HIPAA

security risk. "Users were able to load their own software often creating software conflicts, licensing issues and raising virus susceptibility. Access to the open workstations represented a general security problem," says Madison Mock, Vice President & Chief Information Officer.

MCCG used traditional box PCs which created potential problems throughout the hospital. The bulky PCs used valuable space at nursing stations and administration desks leaving them vulnerable to foot traffic. PCs located in the emergency room and operating rooms were frequently damaged by the cleaning solutions.

Operating with ClearCube

MCCG has 70% of the planned ClearCube deployment installed in many areas including nursing stations, emergency departments, administrative offices and training rooms.

The ClearCube architecture removed the computer and its hard drive from the users desktop and secured them in a remote data center where IT staff could control access. IT administrators can now enable or disable the use of mass-storage devices (i.e. floppy and CD drives) at the desktop so sensitive patient data cannot be downloaded. Elimination of desktop peripherals also protects against infiltration of viruses and unlicensed software.

Feeling Better Fast

Removing desktop PCs from nursing stations and administration desks freed up valuable workspace, reduced noise, and helped to improve the working environment. The ClearCube solution also increased security

of physical and data assets, helping MCCG comply with specific HIPAA standards.

"With the ClearCube PC Blades in a secure location (the data closet), security does not provide users with access to a floppy drive which could be used to copy patient data. This conforms to HIPAA standards for safeguarding patient health information," says Mock. The controlled access to equipment also eliminates the threat of theft. Additionally, with desktop connections condensed in the C/Port, the ClearCube solution greatly reduces the problem of accidental abuse of PCs as well as damage from cleaning solutions in the emergency and operating rooms

MCCG benefits from the increased reliability and manage-ability of the ClearCube system. In the event of a failure at the desktop or work station the ability to get the traditional PC back up and running quickly is limited. Only
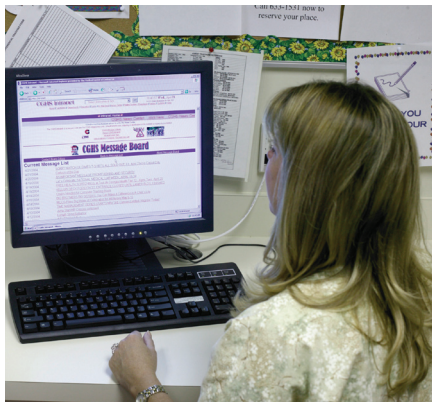
Full PC experience without the traditional box

ClearCube with its innovative architecture and remote switching capabilities can deliver 99.9% uptime at the desktop.

The ClearCube solution, through its use of centralized computing provides a HIPAA compliant, space efficient and reliable IT solution for the Medical Center of Central Georgia. The blade solution means less risk of physical damage to the PC and dramatically reduces down time during failure. The 'locked door' access to data ensures security and the 'box' free station enforces space availability in busy hospital environments.

"Having the ClearCube PC Blades in a secure location enhances our ability to safeguard patient information; this combined with the management software minimizes the possibility of any data being extracted to removable media."

--Madison Mock
MCCG, VP & CIO

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