



Midwest Health Improves Productivity, Mobility, and Service with the DT590 Medical Cart Computer



“with 3-4 times the computing capacity for about 90% of the price of other computers we tried” - Mr. John Tryon, Network Administrator for Midwest Health

Midwest Health Management serves four states with long term care, independent living, assisted living and senior living, with over forty five locations in Kansas, Iowa, Nebraska, and Oklahoma. Headquartered in Topeka, Kansas, Midwest Health has been serving the health community since 1977, with communities ranging from 35 to 80 rooms.

The Challenge

With staff caring for seniors at many types of locations, a computing system that was flexible and mobile was required so that the systems could be mounted on a mobile cart. In order to give care at the point-of-service, these computing systems needed to be battery operated to efficiently manage patient data in many areas such as private rooms, medical exam rooms, and community living areas.

Staff at many Midwest Health locations have to be available 24 hours depending on the care needed, so it was essential to have a battery that could keep up with the operating hours demand. Finally,

the system had to be straightforward so that new staff could be quickly trained on how to effectively manage patient information.

The Solution

Midwest Health chose DT Research DT590 Medical Cart Computer based on the battery capacity, reliable operations, and reasonable price point. The DT590 is VESA mountable for a medical cart and operates with three built-in, hot-swappable batteries for continuous use, or it can use a power cord. The high-contrast 19" touch screen is integrated with the Intel® Celeron® dual core or Core™ i7 processor, in a space-saving, anti-microbial package for bacteria-sensitive environments. The infra-red touch screen is IP65 rated for dust water protection, and offers built-in Bluetooth and 802.11 WLAN for wireless network connections.

The DT590 also has options for a fully-integrated smart-card reader for staff and patient ID data cards, and a 2 mega-pixel camera for case documentation. As with most DT Research products,



Medical Cart Computer DT590

the DT590 includes WebDT Device Manager software for comprehensive remote hardware management, such as monitoring, control, and updates. With up to 8GB of RAM, and up to 256GB of flash storage or a 320GB HDD option, the DT590 Medical Cart Computer is powerful and fast, and Microsoft Windows operating systems make it flexible to integrate with other 3rd party applications.

Results

Midwest Health looked at other options, and found that the DT590 from DT Research had better battery capacity, faster processing, and was overall more reliable than other computers they tried. Now nurses at the various skilled care facilities are able to focus on personalized care rather than waiting for the computer to “catch up”. Overall, the staff at Midwest Health has

seen improved productivity, better service, and improved mobility with a reliable battery that allows the DT590 to operate anywhere. Midwest Health now has a tool to help make customer service a high priority.

For more information about the DT Research Medical Computing Systems, visit <http://www.dtresearch.com>



About DT Research



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