



WellStar/iCleanse Case Study

Overview:

WellStar Health System (WHS) is a leader in integrating innovative technologies to enhance care, increase patient safety, and specifically target the reduction of Hospital Acquired Infections (HAI). Their latest cutting edge improvement is mobile device disinfection for tablets that are shared among patients.

Based in Marietta Georgia, WellStar was the first to adopt automated room disinfection systems to supplement the cleaning and disinfecting of rooms when a patient is discharged, resulting in documented HAI reductions.

Today, WellStar is doing it once again by implementing patient engagement systems through Epic MyChart Bedside on Samsung Tab A tablets. Epic MyChart Bedside is a patient centric application that allows the patient to communicate directly with the clinical staff, while providing personalized patient education materials. research shows that patients who are engaged in their care are more likely to experience better outcomes, have lower costs, as well as higher levels of patient satisfaction.

The WellStar implementation was launched as part of an integrated program to enhance the patient experience. Patients receive a Samsung tablet upon admission that allows direct access to test results, medications, labs vital signs and daily treatment schedules. Patients keep the easy-to-use tablets with them throughout their hospital stay.

The Problem

Issuing a tablet to "Patient A" provides a platform for patients to engage in their own care and to review their medical records. They can also use the tablet to access online applications like email, content, and general Internet browsing. When that patient is discharged, the tablet is subsequently reissued to "Patient B" and that is where critical processes must be employed to insure the safety of Patient B and the privacy of Patient A.

The Solution

WellStar utilized the iCleanse Swift 5X with their double disinfection feature to enable clinical staff to address the workflow issues of safely transitioning a device from Patient A to Patient B.

The iCleanse Double Disinfection solution is a docking station that combines charging, chemical-free UV disinfection technology, and the automated triggering of Samsung Knox Tachyon re-configuration software.

When tablets such as the Tab A are inserted into a Swift 5X, Knox Tachyon is triggered and automatically resets the tablet's data back to pre-patient use while simultaneously killing bacteria on the tablet's surface. Whereas, chemical disinfection can take up to 15 minutes (based on typical disinfection policies) and manually data wiping of tablets can add another 15 minutes, the iCleanse Swift 5X with UV rays can disinfect in less than a minute and data wipe the tablet in 3-4 minutes.

This combination of both of these processes into a single step allowed WellStar's clinical staff to focus on critical care, reduce possible infection from mobile devices, and protect patients and the hospital from unintentional exposure of private information.

About WellStar

WellStar Health System, the largest health system in Georgia, is known nationally for its innovative care models, focused on improving quality and access to healthcare. WellStar consists of WellStar Medical Group, 240 medical office locations, outpatient centers, health parks, a pediatric center, nursing centers, hospice, homecare, as well as 11 hospitals, WellStar Atlanta Medical Center, WellStar Atlanta Medical Center South, WellStar Kennestone Regional Medical Center (anchored by WellStar Kennestone Hospital), WellStar West Georgia Medical Center, and WellStar Cobb, Douglas, North Fulton, Paulding, Spalding Regional, Sylvan Grove and Windy Hill hospitals. As a not-for-profit, WellStar continues to reinvest in the health of the communities it serves with new technologies and treatments. For more information, visit wellstar.org.

About Samsung Electronics Co. LTD.

Samsung Electronics Co., LTD. inspires the world and shapes the future with transformative ideas and technologies, redefining the worlds of TV's, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space through, among others, our smart Home and Digital Health initiatives. We employ 307,000 people across 84 countries with annual sales of US \$196 billion. To discover more, please visit our official website at www.samsung.com and our official blog at global.samsungtomorrow.com.

About iCleanse

iCleanse is a privately held company whose products are used around the globe to support workflow and the overall management of tablet computers in hospitals, retail, food service, and other applications that require secure storage, charging and disinfection. To learn more, visit www.icleanse.com or call 800.969.1166