

MEDICAL DEVICE COMMUNICATIONS SOLUTIONS

Smart Tablet Connectivity for Medical Organizations

As time marches on, hospitals and emergency medical centers are relying more and more on smart devices to deliver excellent patient care. Collecting patient information on paper forms is quickly becoming an outdated practice as is placing computer stations within all hospital rooms to pull up and log patient data. Today, both doctors and nurses need to be able to access patient records in real-time, while stationary or on the move.



Business Needs | Providing and Updating Tablets Easily

With dozens to hundreds of tablets within patient rooms and in the hands of medical teams managing them can prove difficult. Each smart device needs to be charged, connected, and synced continuously to ensure seamless patient care. With technology closets filling to the brim with charging devices and IT teams performing manual updates and troubleshooting services, for some medical organizations, using tablets can be as much of a blessing as it is a headache. IT Directors need solutions that will enable medical care providers to easily charge and checkout devices, while allowing IT professionals to easily track each device's whereabouts and perform updates remotely and en masse.

Solution Overview | Sync Trays, Cellular Routers, and Antennas

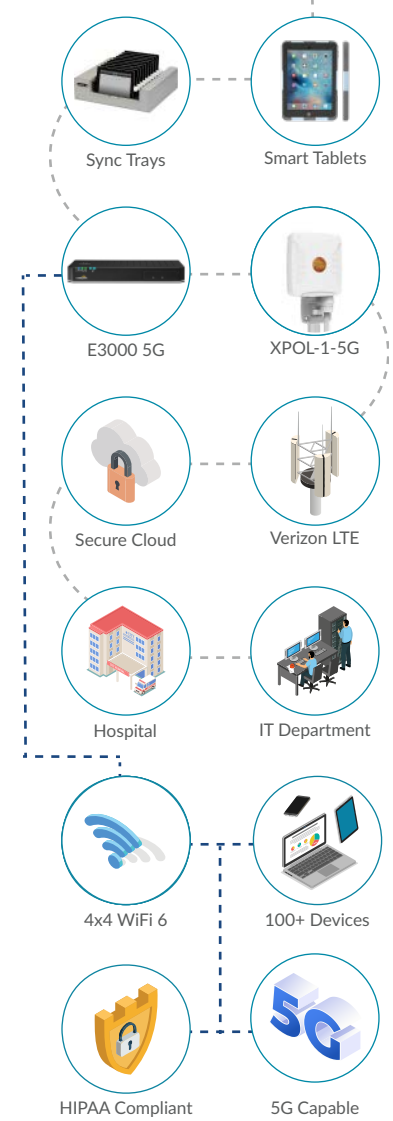
As medical organizations grow, so do their technology needs. New sync trays available from a variety of manufacturers provide a framework for hands-free IT solutions that allow smart devices to be charged, synced, and provisioned from each tray in operation. Once a tray is connected with a Verizon-activated Cradlepoint gateway, like the E3000 5G router, technology departments can use them to provide a portable self-contained provisioning solution with remote admin capabilities to troubleshoot IT issues at a distance. Should their T1 hard-line networks go down, all smart devices and associated base stations can still stay connected reliably with cellular failover provided by their E3000 routers - especially when used along with powerful signal boosting Poynting XPOL-1-5G cellular antennas.

Benefits Observed | Increased Efficiency and Decreased Downtime

By deploying sync trays, 5G cellular routers, and high-gain antennas in conjunction with tablet manufacturer-provided provisioning services (such as Apple's APU), smart devices can be refreshed to their original state with many low-level issues automatically repaired. Because of this, medical organizations generally see a considerable drop in the number of IT tickets filed, which greatly lowers their support costs and reduces downtime.

Our Team | Device Provisioning, Activation, and Installation Services

For over 17 years, RTO has provided expert IoT connectivity solutions to businesses that serve the technology needs of medical facilities. We provide top-tier support for all aspects of your mission-critical fixed and mobile connectivity projects. The solutions engineers we employ configure, provision, kit, and ship all your devices hot and ready for immediate use. And when you utilize our installation services, our techs ensure each device is functioning securely, reliably, and at peak performance on ultra-fast network carriers like Verizon.



Router: E3000 5G	Software: NetCloud Branch	Antenna: XPOL-1-5G	Network: Verizon
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