CORNING | MobileAccess
Wireless Solutions

Wireless Patient Monitoring

Integrated Wireless Medical Telemetry Service Coverage

The Corning MobileAccess Universal Wireless Network is a leading in-building wireless solution in healthcare – ideally suited for the rapidly evolving wireless requirements of todays hospital. With its innovative Wire-It-Once technology, hospitals can provide campus-wide indoor coverage for the breadth of a hospital's mobility requirements over one open platform, including cellular 2G, 3G, and 4G voice and data services, paging, public safety, Wireless LAN (WLAN) and Wireless Medical Telemetry Services (WMTS) from leading patient monitoring vendors including GE Healthcare and Philips.

Cost-effective, reliable, interference-free integrated wireless coverage certified for life-critical applications.

By leveraging an integrated approach to WMTS over the Corning MobileAccess Distributed Antenna System (DAS), hospitals can monitor patients wirelessly, and minimize the operational expenses associated with managing multiple wireless networks while ensuring always-on coverage for life-critical applications on Smartphones, tablets, PDAs and laptops.

The innovative Corning MobileAccess approach to integrated WMTS coverage uses specific service modules that connect the vendor equipment to the Corning MobileAccess infrastructure, combining signals and reliably distributing them over a single antenna grid that delivers cellular services. The Corning MobileAccess approach remains transparent to patient monitoring devices, and offers automatic signal grooming to ensure that services can be expanded to other campus buildings and hospital wings at any time.

In addition, third-party WMTS equipment is physically secure in IP closets, easier to maintain and WMTS performance is equivalent to that of discrete infrastructure solutions.

Solution Benefits:

› **Cost-Effective Multiservice**
Delivers WMTS cost effectively by leveraging a single infrastructure to deliver multiple services.

› **100% Transparency**
Integrated WMTS deployments discretely mirror the behavior and coverage footprint.

› **Same Design Rules as Stand-alone WMTS**
An integrated WMTS design uses vendor-specified design rules, as with a discrete WMTS design.

› **Certified for Life-Critical Applications**
Ensures that patient monitoring devices receive reliable, interference-free and secure wireless RF coverage.

› **End-to-End Management**
RF connectivity for life-critical applications is proactively monitored from end-to-end.

› **Highly Scalable Solution**
Coverage can be extended by adding modules in the telecom closet, over the existing broadband antenna grid.