

Mobile Clinics Improve Rural Health



Connectivity Solutions Improve Patient Outcomes in Rural Communities

When it comes to healthcare, time is of the essence. Routine care, such as annual physicals, dental exams, or same-day sick appointments, should always happen as quickly and with as much accuracy as possible. Unfortunately, getting most Americans to attend their routine appointments can be a hassle, but when individuals must travel long distances to get there, it's even more challenging. With the closure of more than one hundred rural hospitals and come patients needing to travel an hour or more to receive care from the nearest providers, the health of those within our rural communities suffering.

The Challenge | Healthcare in Rural Areas Isn't Readily Accessible

To ensure the health of your community, it's essential to make quality healthcare as accessible as possible. Unfortunately, in rural areas, that is becoming increasingly more difficult as hospitals and clinics are closing for myriad reasons. Between 2010 and 2021, nearly 140 rural hospitals closed, leaving entire communities at a loss.

There were many reasons for the closings; in some cases, hospitals were faced with staffing shortages, while in others, they were faced with low patient volume. But regardless of the cause, closures mean there are now individuals and families who cannot get their most basic healthcare needs met without traveling a considerable distance.

The Solution | Bringing Healthcare Into The Community

In an effort to make healthcare more accessible to rural communities, some hospitals and clinics are taking their show on the road. Care providers are now using mobile health clinics to bring routine and specialty care directly into communities to help make healthcare more accessible and affordable. According to the School of Public Health and Tropical Medicine at Tulane University, mobile health clinics prevented over 600 emergency room visits per year while offering \$12 saved for every \$1 spent to operate the clinic.

Mobile Health Clinics for general and specialized medical applications are outfitted with vehicle networking solutions that enable connectivity to HIPAA-Compliant electronic healthcare records (EHR) and electronic patient care records (EPCR). Utilizing a wireless 5G router paired with a rugged external vehicle antenna from RealTime Ops — like the Cradlepoint R1900 and Mobile Mark LTMWG943 or the AirLink XR80 and 10-in-1 Dome Antenna — medical facilities can deploy solutions that meet their mobile connectivity needs.

The purpose-built cellular routers allow live video streaming and data offloading and have the ability to host VPN connections, thus removing a step from field personnel. As a result, care providers can efficiently and securely use voice, video, and data services to coordinate and share documentation with patients, other providers, and insurance companies and, if needed - confer with colleagues off-site.

Unsure of what devices and management platforms are the best fit for your organization? Contact our team for a free consultation.

The Team | Smart Distributors of Mobile Connectivity Solutions

RealTime Ops (RTO) is a top distributor of IoT and M2M cellular equipment. As a Smart Distributor, we stock high-demand wireless routers and modems, available only to equipment resellers (no end-users). Our clients receive access to services that include device provisioning, template engineering, onsite installation services, and so much more. We're your link between top-tier equipment manufacturers, and the devices your clients need for their mission-critical communications projects.

Industry Profile

- Healthcare Organizations
 - General Practitioners
 - Dental + Orthodontic Clinics
 - Health + Human Services

Featured Solutions

- Cradlepoint R1900 5G
 - w/Mobile Mark LTMWG943
- AirLink XR80 5G
 - w/AirLink 10-in-1 Dome Antenna

Targeted Results

- HIPAA-Compliant Data
- Cloud Device Management
- Real-Time GPS and AVL
- Wi-Fi for Patients and Devices



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