



Mobile Emergency Response Center (MERC)



The Mobile Emergency Response Center (MERC) is a **completely** sufficient mobile communication network that is housed on a light weight mobile trailer platform and can be completely operational within 15 minutes of deployment. The MERC can be ordered in a flatbed style single axle trailer or a small dual axle enclosed trailer. Both trailers are compact and light enough to be towed by any standard vehicle with a 2 inch towing ball.

The MERC is equipped with an 18 gallon fuel tank, on-board diesel generator, battery back up system, 54 foot retractable antenna system, weather proof climate controlled equipment cabinet with 19 inch rack, standards based communication system supporting analog, digital, VoIP, wireless, cellular, and SIP connectivity, radio repeater service, VSAT motorized self aligning satellite dish providing network and television connectivity, video surveillance and conferencing equipment, radio interoperability connectivity, wireless LAN , and external voice, data, and electrical connectivity to support additional resources external to the trailer.

The concept behind the MERC was to develop a affordable mobile emergency response solution based on a small platform that basically any user could transport using most standard motor vehicles. It is our belief that the real value of a mobile communication system is not the trailer housing the solution, but the communication equipment housed in the trailer. This communication equipment needs to be standards based to allow our customers the ability to utilize this equipment as an extension of their existing network when that connectivity is available. Make your investment in the communication solutions that can save and protect lives not in an expensive trailer that houses the equipment!



We Make Communication Possible in Times of Crisis - Our goal at Comprehensive Communication Services, LLC is to provide a “A to Z” communication solution that focuses on Emergency Response and Disaster Recovery. Contact us today!



Portable Emergency Response Center (PERC)



The **Portable Emergency Response Center (PERC)** was designed as an alternative solution for customers that do not need the radio connectivity provided by the MERC or for the customer that is looking for a smaller more compact communication solution. The PERC is housed in a portable shock mount case with wheels that can be ordered in a variety of sizes based on the required communication equipment. A VSAT motorized self aligning satellite dish is sold with the unit to provide remote network connectivity and this dish can be placed on a ground stand near the portable case or mounted to a vehicle roof top rack.

The standard configuration of the PERC will include an internal communication system supporting analog, digital, VoIP, wireless, and SIP connectivity, the satellite controllers and GPS unit, and a rack mounted battery back up system. Optional components can be added including cellular gateways, video conferencing equipment, radio interoperability servers, wireless LAN equipment, and any other communication equipment that can operate off a standard network connection. Please contact CCS to discuss optional additions to the package.

Please note that the PERC will require an external power source to operate. CCS does offer a wide array of portable generators that could be transported with the unit. The PERC can be transported in the back of a truck or in the trunk or back seat of most standard sized cars. Upon reaching a disaster site, the unit can fully operational within 15 minutes.



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