

Movable Base Stations in Mobile Networks for Emergency Communications Published in: 2023 IEEE 34th Annual International Symposium on Personal, Indoor and Mobile Radio ...

Disaster relief operations rely on the rapid deployment of wireless network architectures to provide emergency communications. Future emergency networks will consist typically of terrestrial, ...

Access to reliable communications services is a key factor in any emergency situation. ASTRI has succeeded in producing a mobile base station that allows for cost-efficient, low-latency, and ...

In this work, we present a quantitative network performance comparison between a fixed base station and a movable base station, when a group of first responders is moving in a ...

To solve these problems, I decided to build a portable base station that can be used for voice, packet and APRS on 2 meters and 70 cm. This station can be used for emergencies and non ...

Abstract. Utilizing unmanned aerial vehicle (UAV) to carry 5G base stations to build emergency communication networks can flexibly provide stable and reliable wireless access in scenarios ...



Base station for emergency communications

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