

## Portable Network

Deploy anywhere. No area is out of reach.

### NEEDS AND CHALLENGES

- › **Complexity:** Setting up a fixed network was a complex process requiring highly specialized, knowledgeable resources on-site
- › **Time-to-deploy:** Needed a temporary, portable, rapidly deployable solution in days rather than weeks, to enable services and coverage in specific areas
- › **Environmental needs:** Rugged hardware designed to sustain harsh temperatures, spaces and environmental conditions of vehicles or mobile stations was a necessity
- › **Power availability:** needed low-power equipment to maximize the autonomy of their sites' operations
- › **Flexibility:** They wanted a standard server that could be tweaked to adapt to different use cases
- › **Latency:** Connected communications and low-latency coverage was a high priority
- › **Security concerns:** Customer needed secure network connections for mission-critical applications and ultra-sensitive data handling protected from external threats
- › **Server that lasts:** Customer required a server they could rely on past the typical 3 – 5 year mark

### BENEFITS OF KONTRON ME1310

- › **Simplified integrated solution:** An optimized secure solution with integrated switch and other functions that is built for portability
- › **Rapid deployment:** Customer can now use edge servers that simplify complex deployments and enable services and coverage in days, not weeks
- › **Environmental:** Rugged servers with short depth and support for wide temperature range (-40°C to 65°C) were deployed in space-restricted, mobile vehicles and remote locations
- › **Low-power solution:** They were able to increase the autonomy of their operations with limited power sources
- › **Intelligent flexibility:** Edge servers are designed to be used as intelligent building blocks and customer now has ample support from Kontron integration partners
- › **Low-latency:** Integrated switch module with high precision timing ensures low-latency coverage
- › **Highly secure solution:** Edge servers now enable data processing locally (not over the internet) adding a layer of security against data breaches
- › **Long lifecycle:** Extended hardware lifespan of up to 10 years reduced unnecessary upgrades saving money in the long term

## TARGETED DEPLOYMENTS

### Defense

Facilitate communications with a portable network for temporary base camps, military joint ventures, network expansion, and disaster recovery scenarios.

### Telecom

Keep guests connected for special indoor/outdoor events, or use this simple, portable solution for disaster response crews and personnel.



 Learn more:  
[ME1310 High Performance Multi-Edge Platform](#)

For more information about our ME1310 platform or to speak to a member of our sales team, contact us directly at: [telecomedia@kontron.com](mailto:telecomedia@kontron.com)

