

CUSTOM MOBILE BACKUP PROTECTS COMMUNICATION PROVIDER'S NETWORKS



A Vertiv Case Study



Background

A leading provider of satellite-based communications systems needed a mobile disaster recovery unit to support its terrestrial network in the event of a fixed facility failure. Never knowing when and where a disaster might occur, this company required that the mobile backup unit be easy to transport and maintain, and designed to operate in extreme environments.

Specializing in critical technologies that always work, Vertiv designed a custom trailer-mounted SmartMod™ solution with an internal sliding rail system for easy access to keep their backup system always ready. The trailer solution offers a quick-connect system for power and signal, as well as DX-based condensers mounted on the trailer. It delivered a backup infrastructure with a constant “ready for service” state that exceeded the communication company's needs.

Our SmartMod is a modular, customized data center enclosure. It is a fully integrated, self-contained, rapidly deployable system that's adaptable, flexible, and efficient. The compact nature of the SmartMod allows for easy transportation without compromising functionality or long-term value.

ABOUT THE COMPANY

This communications provider is a leader in broadband satellite technology and services, serving more than one million customers in North and South America.

Case Summary

Location: Varies

Product/Service: SmartMod infrastructure provides intelligent, rapidly deployable, prefabricated enclosures for modular data centers, cable landing stations, or network aggregation.

Critical Need: A communications provider needed a mobile disaster recovery unit to support their terrestrial network in the event of a fixed facility failure.

Results:

- Designed a trailer-mounted SmartMod with proprietary internal sliding rail system for easy access to equipment
- Equipped with quick-connect systems for power and signal as well as DX-based condensers mounted on the trailer
- Provided an easy to maintain, durable solution to keep back-up in constant “ready for service” state
- Created a mobile environment, easily used wherever a need arises

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