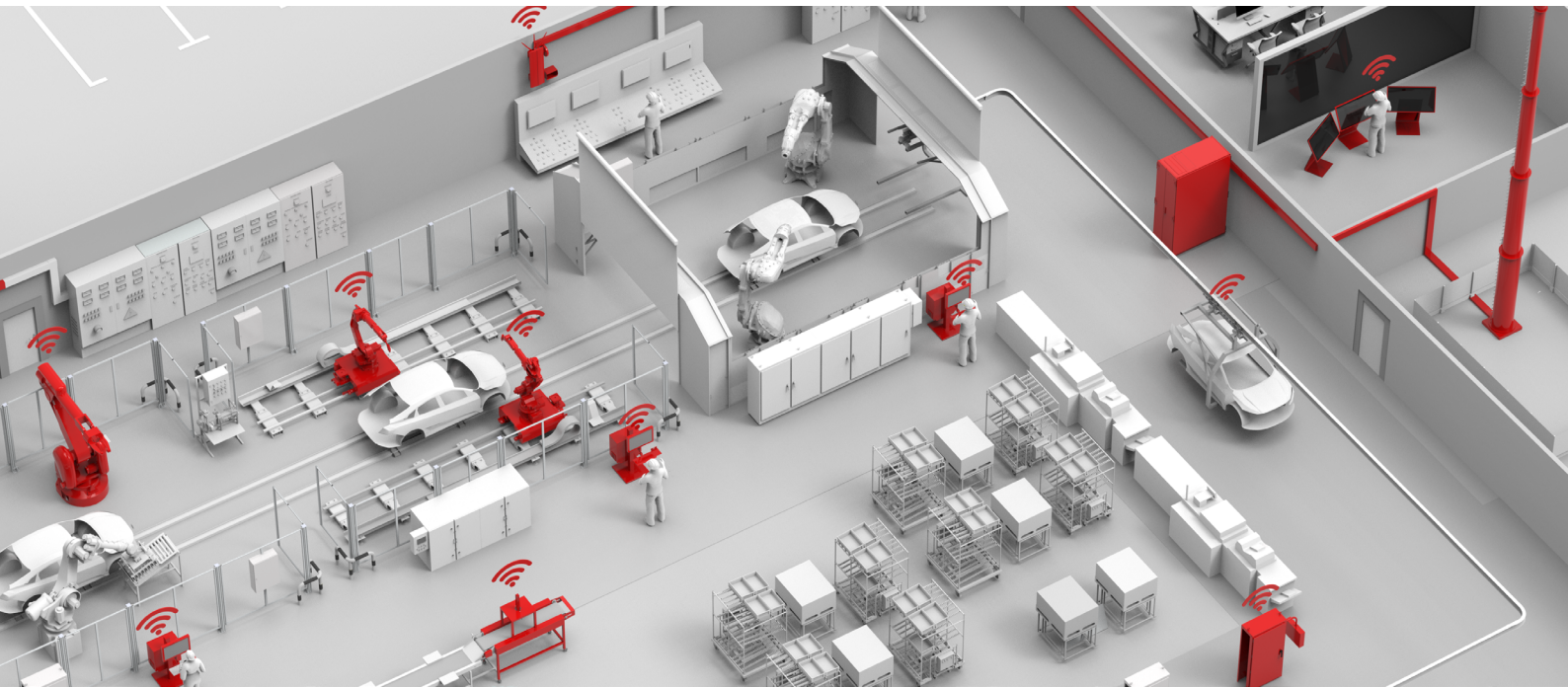# Mobile Private Network — nVent designed a rack-based solution, for a well-known telecommunication partner

CASE STUDY
Supporting the future of Manufacturing & IOT
with a Mobile Private Network Infrastructure Solution.

Mobile Private Networks

What are they and how can nVent SCHROFF help an increasingly growing market?

Supporting the future of Manufacturing & IOT with a Mobile Private Network Infrastructure Solution.

Private data networks – serving large businesses, small businesses, educational institutions and other organizations– require

require reliable, high-speed, low-latency, high-density broadband connectivity.

Enterprise networking is becoming increasingly crucial to organizational business continuity and the demand for capacity is enormous. Business applications, multimedia traffic and even basic intra and inter-organizational communication make massive demands on capacity, which drives significant growth in enterprise networking scales. These capacity and connectivity requirements are addressed by either leased lines or private networks.

Solution

The critical discussion in selecting SCHROFF to support the MPN project was our capability to deliver a turnkey solution: the enclosure, power, security and cooling in–house from within the standard nVent product family.

Global manufacturing capability to future-proof the planned delivery of the MPN solution.

Products used

Varistar CP
- IP20, IP55, Seismic
- 47U × 800 × 1200
- Integration with: CableManagement

2xiPDU
- 2xeHandles
- Sensors:
  Humidity Sensors
  Temperature Sensors
- Door Access
- Optional Cooling

Environmental Monitoring and Access Control

With plug and play support for up to 8 digital sensors

Our powerful portfolio of brands:

CADDY   ERICO   HOFFMAN   RAYCHEM   SCHROFF   TRACER

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