



Critical Infrastructure

Industrial IoT with edge computing and cyber-secure operational WAN, using RAD's Service Assured Networking solutions.

RAD provides Service Assured Networking (SAN) solutions that ensure seamless migration to packet switched communication networks and applications. We address all communication needs of the utilities, transportation and government sectors with always-on reliability and mission-critical protection. We offer best-of-breed reliability tools. Our SAN solutions are used for cyber-secure industrial IoT (IIoT) and operational WANs, fog/edge computing, TDM to packet migration, distance teleprotection and distribution automation, as well as Smart/Safe City deployments.

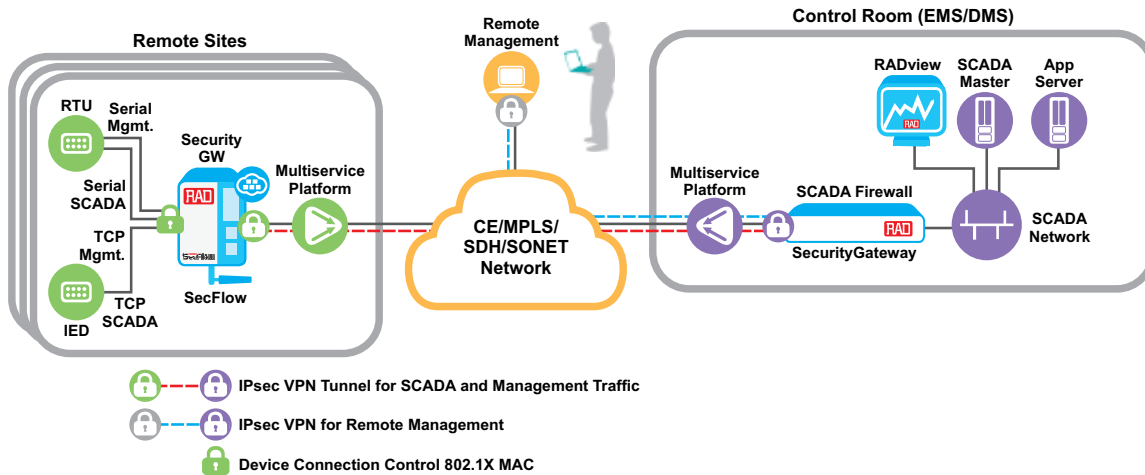
Key SAN solutions include:

- Secure networking for digital transformation to allow fast, secure and economical deployment of thousands of new remote IIoT sites
- Multiservice, packet and PoE-intensive OT WANs, enabling easy migration from TDM to PSNs
- Seamless communications over fiber optics, radio links, 2G/3G/LTE cellular links, and leased lines
- Extensive security suite includes SCADA-aware firewall, intrusion prevention, man-in-the-middle attack prevention, encryption, device connection control, event logger, and anomaly detection

Cyber Security Solutions



1 Cyber Shield Overlay for Operational WAN



Your Benefits:

- RAD's SecFlow security gateways for remote sites isolate industrial control systems (ICSs)/automation devices from attack vectors on management and SCADA planes:
 - Cyber Shield for **management** traffic (NERC CIP Intermediate System)
 - Cyber Shield for **SCADA** traffic
- Upgrades existing operational technology (OT) networks with Intermediate System for secure remote and local access, SCADA-aware firewall, intrusion prevention system functionality, man-in-the-middle attack prevention, encryption, device connection control, event logger, and anomaly detection
- Fits any OT network architecture and ICS/SCADA device connectivity (serial or TCP)
- The most comprehensive and cost-effective solution on the market simplifies multi-box alternatives
- Works in conjunction with any third-party VPN aggregators

Products Included in this Solution:



SecFlow
SCADA Secure Switch/Routers with Edge Computing



SecurityGateway
VPN Aggregator, Router and Firewall



RADview
Management and Domain Orchestration

