VIRTUAL ACCESS

CRITICAL APPLICATION CONNECTIVITY

Emergency Vehicle Connectivity

Client Requirement Summary

- High availability, high speed wireless access
- Environmentally hardened, IP-rated
- Resistant to vibration and shocks
- Automotive power
- Vehicle with limited space
- Secure WiFi
- GPS
- Ethernet for telemetry and other services
- Integration with existing IT systems
- Centrally managed

Key Benefits

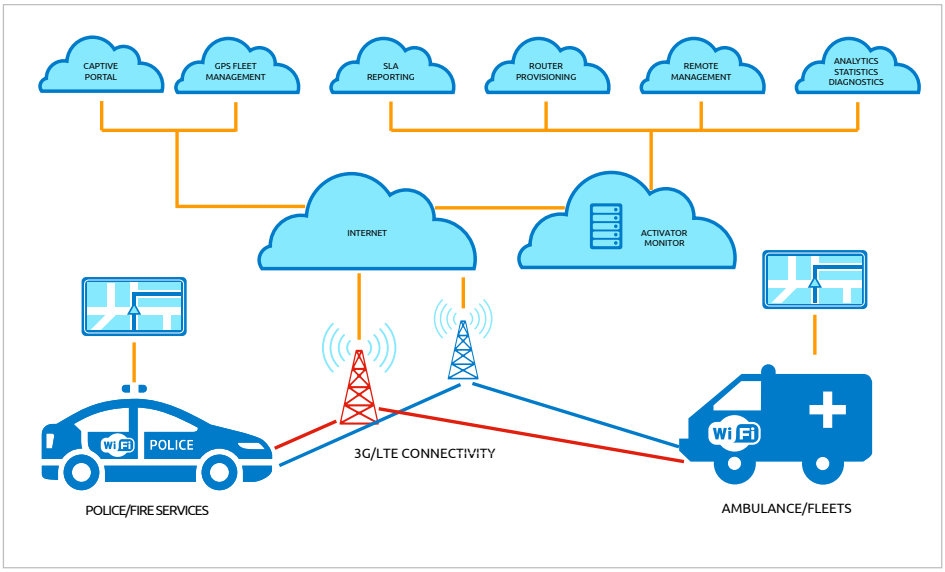
- Triple radio - dual 4G radio and WiFi
- Mobile IP for resilient connectivity
- Load sharing
- High speed using 800Mbps processor
- 4 x GE future proof interface
- Ignition sense PSU and active power management
- Ruggedised metal case for vehicles
- Advanced security: IKEv2, DMVPN, IPv6 and x.509 support
- GPS for integration with location-based services
- Northbound interface for integration with existing IT infrastructure

Requirement

Resilient connectivity is a crucial requirement for emergency services. European police forces currently using Tetra networks to provide police communications and they need to add new services such as live camera feeds, access to central databases as well as internet and VPN access. This is not possible using Tetra due to data rate constraints, while dedicated LTE networks would be too expensive.

Virtual Access Solution

The GW3300 offering dual radio, a combination of VPN, in-vehicle WiFi, dual 4G and mobile IP functionality, provides secure and persistent sessions for critical applications. The GW3300 meets demanding requirements such as resilient bandwidth, secure WiFi zone, GPS location services, and vehicle management connectivity using a single device. The router couples to a central server in the core of the network for configuration and monitoring. Activator automatically provisions the routers and OSS integrator provides seamless integration with IT systems.



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