Cal/Amp®

Secure, Vehicle-Grade Routers For Public Safety

Smart Vehicle Technology |
Smart Mobile Workforce | Secure

The Challenge: Immediate, Reliable Communication with Vehicle Intelligence

Rapid improvements to information, device, wireless and networking technologies are being leveraged by public safety agencies to provide real-time access to next-generation technology and to quickly and securely obtain and share detailed information in the field. These advanced capabilities include CalAmp's Smart Vehicle Technology which provides direct access to real-time vehicle data. This vehicle data can then be tightly integrated with command and control systems to provide more information than ever before to assist in mission-critical decisions in the field.

CalAmp's vehicle-grade routers provide an immediate and secure digital hub, enabling agencies access to send and receive high bandwidth applications like live video, and also providing access to local, state and public safety databases. The result is constant situational awareness between command, control and first responders for effective decision making.

Next-Generation Vehicle-Grade Wireless Solutions

CalAmp Technology Solutions

CalAmp's extensive portfolio of intelligent communications devices, robust and scalable cloud service platforms and targeted software applications provide a broad ecosystem for developing, deploying and maintaining complete Public Safety communications solutions.

Smart Vehicle Technology

Smart Vehicle Technology provides access to engine diagnostic interface data, to track vehicle location and speed, and to monitor driver behavior metrics like hard braking, cornering and acceleration. It also provides key vehicle information such as direct odometer readings, fuel levels, service interval indicators, air bag status, oil pressure and a variety of others that directly relate to the vehicle. With CalAmp's Smart Vehicle Technology, the vehicle can be integrated to provide notifications in reaction to set parameters in real-time such as monitoring whether a vehicle is in a chase scenario, accident or simply requires maintenance.

Vehicle Area Network

First responders on the road are supported with advanced communication using reliable, multi-network wireless connectivity which allows priority access, roaming between Private Land Mobile Radio (LMR) networks, Wi-Fi vehicle hotspot, 4G Public LTE, Public Safety FirstNet LTE and satellite networks. This is achieved through resilient and fault-tolerant CalAmp routers, which provide mobile VPN technology to manage priority, connectivity, session and application persistence and Quality of Service (QoS) to enhance the security of network handoff and switching. CalAmp routers are built on a foundation of secure technologies that helps agencies protect their sensitive data.

Mobile Officer

CalAmp's integrated solution provides an interoperable personal area network for first responders to utilize standard and commercially available hand-held devices to continue accessing voice, data and video communications outside of their vehicles. First responders can continue to utilize communication and task-oriented applications that connect through a variety of wireless technologies, which enhances safety and enables access to critical data and tools while on foot.

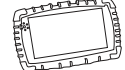### Broad Portfolio of Market-Leading Vehicle Grade Devices

CalAmp designs, develops and manufactures a broad range of vehicle-grade gateways and routers. With over seven million networked devices in operation today, CalAmp's broad device portfolio demonstrates tremendous scale, flexibility and trusted reliability.

Fusion   Vanguard   MDT-7

Cloud Services & Enablement Platforms

CalAmp offers proven and powerful cloud-based platforms that enable control of devices and applications from a centralized location. CalAmp's platforms enable data collection and management, device configuration and management, and tight integration with carrier-grade network management solutions.

Application Software & Services

CalAmp provides a diverse range of off-the-shelf applications as well as a rich set of APIs providing the ideal environment to develop custom applications that seamlessly integrate with existing infrastructure.

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