

Whether protecting our cities, guarding our borders or monitoring critical infrastructure, public safety agencies provide the essential services that we all depend on. Despite ever increasing demands, these organizations are faced with difficult budget constraints. Rather than compromising their level of service, many agencies are investing in new communications technologies to improve their efficiency, increase coverage and improve the speed of critical decision making.

DragonWave has extensive experience building advanced packet microwave networks for critical communications in all areas of public safety including first responders (police, fire and medical), video surveillance, sensor networks, ports, utilities, and border security.

Our licensed point-to-point packet microwave solutions are recognized in the industry for their robust design, high level of security, and resilient architecture options, including ring and mesh for carrier-grade availability. DragonWave systems are available in all-outdoor, split-mount, or all-indoor configurations and can handle any combination of Ethernet and TDM traffic, while offering multi-gigabit scalability – delivering the capacity and flexibility required for ever-evolving bandwidth and traffic mix needs.

Our goal, from the initial planning and design stages of a network, through to its continued operation and maintenance, is ensuring that Public Safety officials have full confidence that their communication systems will deliver the information and performance they need, where and when they need it.

Solutions Highlights:

- Licensed and licensed-exempt packet microwave from 2.3 GHz to 60 GHz
- Dual channel operation and multi-gigabit capacity
- All outdoor deployment options
- Pure packet or converged TDM and Ethernet solutions for network evolution
- Simple migration to all-IP P25 systems
- Upgradable to 256 bit AES encryption
- Intelligent ring and mesh architecture for carrier-grade availability
- Pay-as-you-grow scalability
- Simple operations and remote management
- Rapid deployment for temporary links
- Lower Total Cost of Ownership

