

# AOS RoadWarrior

Secure Multipath  
Network Mobility Suite



## Performance and flexibility in a true “go anywhere” communications system from AOS.

The highly compact, lightweight and versatile RoadWarrior is a Windows® OS-based platform that provides remote, secure IP connectivity to private voice and data networks and the Internet via multiple paths—terrestrial, satellite, and wireless.

RoadWarrior features SkyPipe™, AOS’ acclaimed secure TCP proxy enhancement platform for optimized data throughput over high-delay satellite and wireless links. The integrated SkyPipe™ client also includes a firewall and IPSec-compliant router capable of supporting multiple VPN tunnels configurable to terminate to most firewalls and routers (Cisco IOS, PIX, or VPN concentrators).



communications

RoadWarrior was designed to accommodate the L-3 Communication Systems – East Talon™ PCMCIA Cryptographic Token (KOV-26) for secure WAN connectivity, both Ethernet and wireless. Optional RoadWarrior WLAN capability can support a secure wireless LAN for Talon™-equipped client laptops.

The standard RoadWarrior suite includes a Thrane & Thrane EXPLORER™ 500 Inmarsat BGAN terminal, BA-5590/BB-390B/U MIL battery, and a range of optional VoIP interfaces. Kits are configurable with equipment, accessories, and case options to support any mission.

RoadWarrior kits are custom-configurable with equipment, accessories and case options to support any mission.

### ▶ WAN connectivity:

- Ethernet – terrestrial or satellite
- Wi-Fi (802.11 b/g)
- ISDN—terrestrial or satellite
- GSM/CDMA/WCDMA
- 56Kbps analog modem or other via PCMCIA interface
- RS232 serial

### Interface:

- RJ45 Ethernet, PCMCIA, USB, RS-232

### ▶ LAN connectivity:

- Ethernet
- SIP-based VoIP
- Optional embedded WiFi (802.11 b/g)

### Interface:

- RJ45 Ethernet, RJ11

### ▶ Integrated SkyPipe™ Client:

- IPSec AES 256 VPN Client
- Statefull Inspection Firewall
- Performance Enhancing Proxy
- NAT, Pre-fetching and Caching
- On-the-fly Compression

### ▶ Power:

- 90-240VAC/11-36VDC
- SC-C/SM-D MIL battery interface
- Integrated UPS

### ▶ Unit Dimensions:

- 5.3 x 5.8 x 11.2 in (13.5 x 14.6 x 28.6 cm)
- 5 lbs (2.27 Kg)

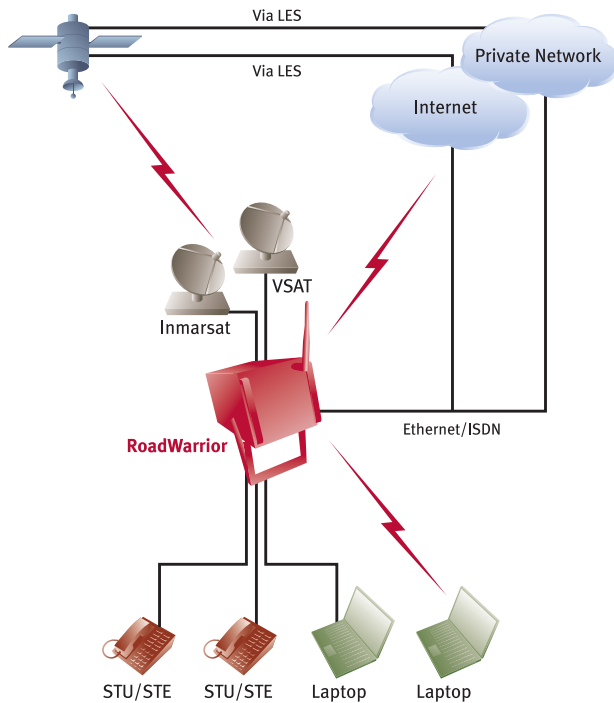


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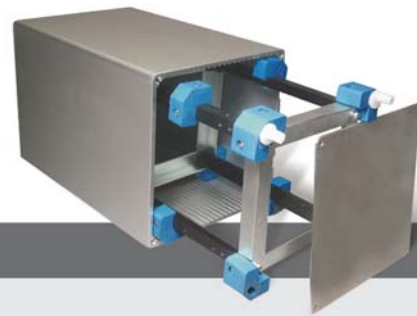
## Secure Multipath Network Mobility Suite

RoadWarrior utilizes an Intel® ultra-low voltage chipset, and includes an integrated SIP-based VoIP capability (both FXS and FXO interface) and an optional wireless bridge/access point for LAN connectivity (secure or nonsecure). All onboard components are accessible and configurable through a standard web browser or via VNC.

RoadWarrior is operable on a wide voltage range (11-36V), and can be powered by standard cigarette lighter, car battery, or an optional external 24V battery (provides up to 6 hours system power). An integrated uninterruptible power supply (UPS) in the RoadWarrior unit itself provides backup system power for one hour in standard configurations. Kits are configurable with other battery options on a semicustom basis.



RoadWarrior ruggedized flyaway kit with notebook computer, Thrane & Thrane EXPLORER™ 500 Inmarsat BGAN satellite terminal, 24V MILSPEC battery, and telephone handset (total system weight: 30 lbs.). Ruggedized, luggage-style, ruck, and other custom casing options are available.



Truly rugged: shock absorbers attached to the perimeter of the RoadWarrior card cage effectively reduce GLoads in three dimensions by up to a factor of ten. These specially designed shock absorbers are field tested to meet the most stringent requirements.