



XA - Appliances

XO - Options

XS - Specialty Products

XE - Embedded XipOS

XipLink XO-Options



IPSec VPN Option

IPSec VPN Software Option *Optimize Bandwidth and Encrypt Data*

XA-Appliances can be installed in-line before any type of encryption device, serving both military and commercial users with any type of external devices.

For many users, adding XipLink's IPSec VPN software to an optimizer appliance can reduce operating costs by eliminating a second device. XA-Appliance's with the optional IPSec software can also terminate IPSec sessions, making global VPN deployments simple and cost-effective over any network. This allows security to run from end-to-end by taking the appliance all the way to the enterprise edge whereas with current IPSec offerings built into many TDMA networks most of the solutions are 'in the clear' at the hub and thus insecure.

VPN Software Features

Optimize and Encrypt any Network

- VSAT - Star Topologies
- Mesh networks of any size
- Dedicated SCPC links
- Terrestrial Point to Point links
- Terrestrial Point to Multi-Point links

Works with all other XipOS features

- Native SCPS-TP for I-PEP compliance
- SNACK / ACK Frequency Reduction
- TCP Fast Start and HTTP pre-fetching
- Dynamic Web Cache when installed

Netconf based configuration

- Centralized configuration of devices
- On-board Quick Menu Wizard and CLI

Specifications

- IETF IPSec
 - 128 / 256 bit AES Encryption
 - Hash - SHA256
 - ESP Tunnel Mode
 - SA Expiration using time or total bytes
- Authentication and Key Exchange
 - IKE with pre-shared secrets
 - Diffie-Hellman (768 bit)

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