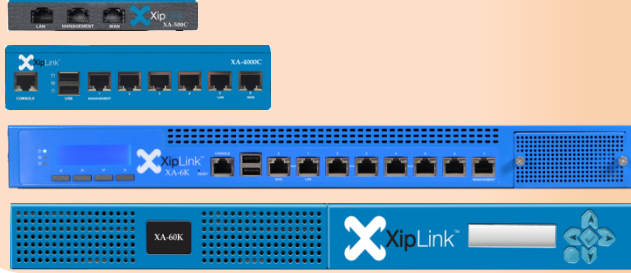


XipLink

XO-VPN Option



XA – XipLink Appliances

XO – XipLink Options

XS – XipLink Speciality

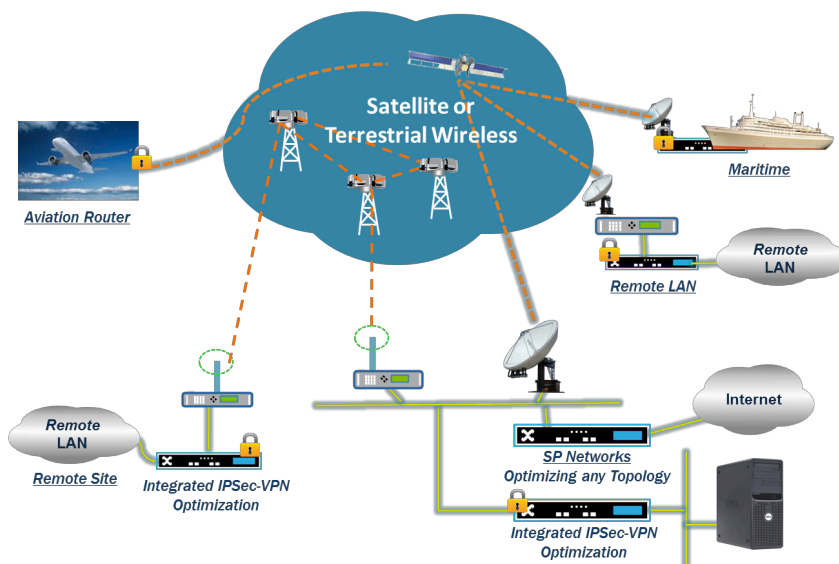
XE – XipLink Embedded

IPsec VPN Software Option

Accelerate, Optimize 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 existing accelerator or optimizer appliance can reduce operating costs by eliminating a second device. XA Appliances with the optional IPsec software can also terminate IPsec sessions, making global VPN deployments simple and cost-effective over any network, while benefiting from full optimization features of XipOS, including acceleration, compression and QoS. 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-multipoint links

Works with all other XipOS features

- Native SCPS-TP for I-PEP compliance
- SNACK and ACK Frequency Reduction (AFR)
- TCP stream compression & IP packet compression
- Web caching and byte caching (deduplication)
- XipLink Real Time (XRT):
 - Header compression for IP, UDP, RTP
 - Packet coalescing to reduce packet rate
- Advanced user-configurable hierarchical QoS

IPsec Specifications

- IETF IPsec:
 - 128 / 256-bit AES or 3DES encryption
 - Various Hash Algorithms – SHA512
- ESP tunnel mode:
 - Security Associations (SA) expiration control
 - Easy keep-alive control
- Split tunnel mode
- Authentication and key exchange:
 - IKEv1 or IKEv2 (RFC 7296)
 - Pre-shared secrets or X.509 certificates
 - Diffie-Hellman (8192-bits)
- Compatible with mobile devices supporting IPsec
- Supporting IPv4 and IPv6
- NAT-traversal via UDP encapsulation

XipLink Appliance Compatibility

- XA-500C Rev5 up to 4Mb
- XA-1000C to 4000C Rev5 from 6Mb to 20Mb
- XA-6K to 20K Rev5 from 30Mb to 100Mb
- XA-30K & 60K Rev5 from 200Mb to 400Mb
- XS-SCPS/4000, 20K & 30K from 20Mb to 200Mb

XipLink Inc.

4200 St. Laurent Blvd, Suite 1010
 Montreal, Quebec, H2W 2R2, CANADA
 +1 514-848-9640

www.xiplink.com



© Copyright 2017 XipLink, Inc.