



XipLink XO-Options

XA - Appliances



XO - Options

XS - Specialty Products

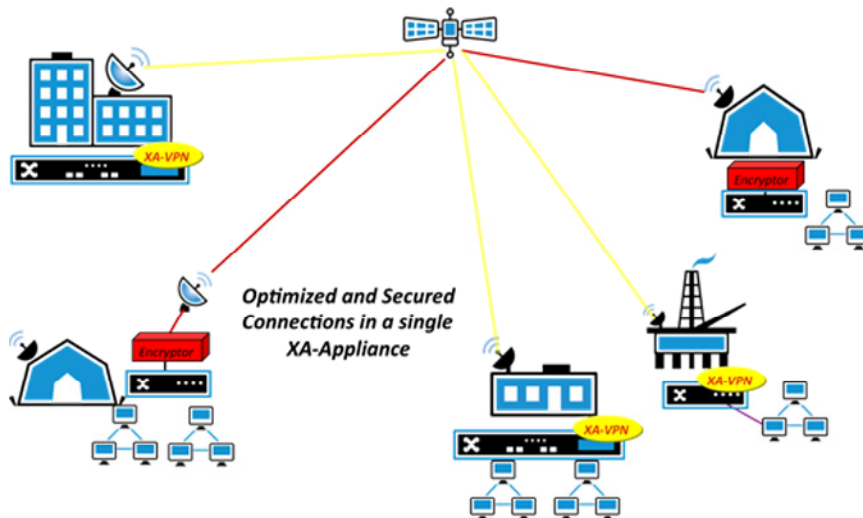
XE - Embedded XipOS

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.



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)

XipLink, Inc. Headquarters

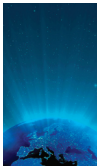
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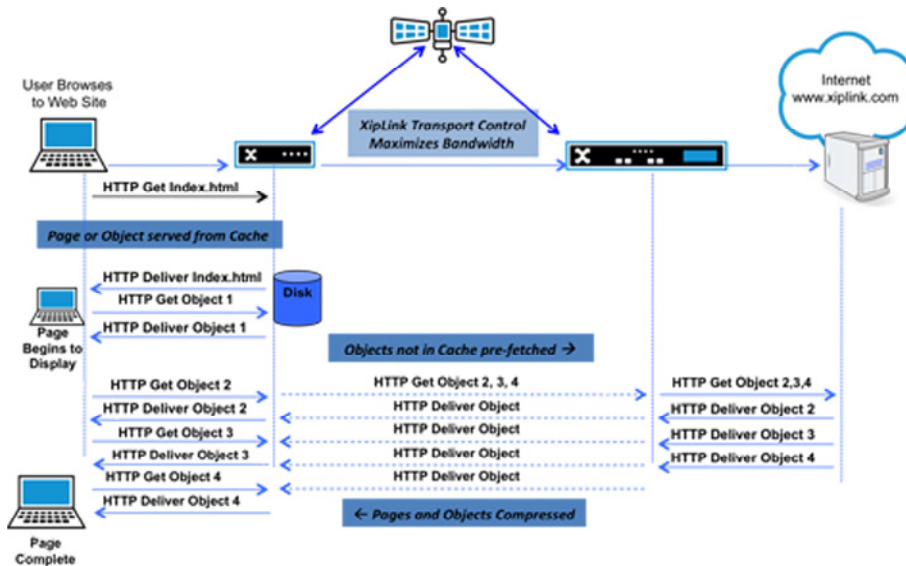
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Dynamic Web Cache

Dynamic Web Cache Hardware Option *Reduces bandwidth and speeds up web surfing*

Used at Internet hot-spots and terrestrial Internet points-of-presence, the XO-Option for Dynamic Web Cache hardware can speed up web surfing and reduce bandwidth usage.

Enhancing other XipOS features, frequently requested static web objects are stored and subsequently delivered using a local disk drive in each remote optimizer's, speeding up page load times and reducing the total amount of data transferred.



Web Cache Option

Works with all other XipOS features

- Native SCPS-TP for I-PEP compliance
- SNACK / ACK Frequency Reduction
- TCP Fast Start and HTTP pre-fetching
- HTML data from servers is compressed

Works with all encryption devices

- Integrated XipOS IPsec software option
- In-line with any external encryptors

Netconf based central configuration

- Easy provisioning with bypass option
- Central configuration of remote nodes

Factory installed hardware option

Specifications

- XA-500C - 10 GB of Disk Cache
- XA-4000C - 40 GB Disk Cache

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