



Use cases

Industrial:

Evading industrial espionage, an encrypted line secures discussions of a subsidiary with headquarters.

Identity:

Concealing identity, a journalist or lawyer listens to answering machine messages over an encrypted line.

Threat models

Passive:

Wiretap by DHCP or ARP server breakin. Although all packets are captured, data security between endpoints is maintained.

Active:

In addition to a passive attack, the interceptor carries out a full cryptographic identity theft of the SIPS proxy server by presenting a stolen server certificate. The interceptor relays and modifies clear text data between endpoints.