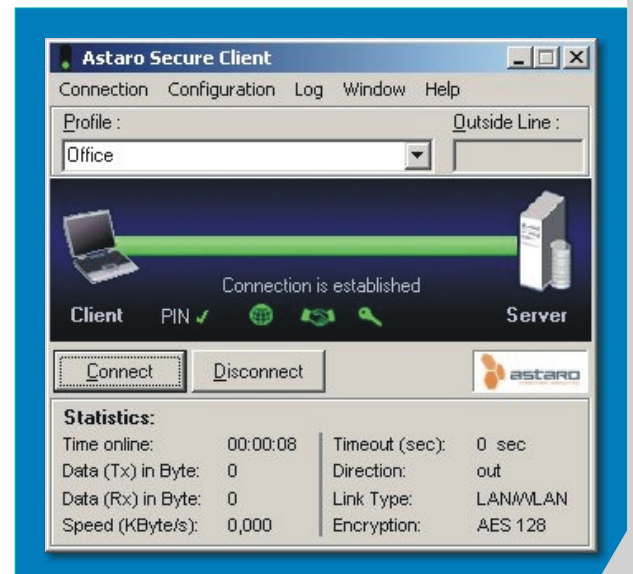# Astaro Secure Client

A Virtual Private Network (VPN) allows organizations to use the Internet for communication with mobile employees and remote offices at a low cost while maintaining good security.

The Astaro Secure Client ensures the highest levels of security for VPN connections by providing an IPSec VPN client. Advanced encryption algorithms protect the entire network against unauthorized access. Strong user authentication methods ensure that only authorized users can access the central VPN gateway. An integrated dialer simplifies operations, and a personal firewall prevents hackers from taking over the client and creating a "backdoor" into the main network.

Description

The Astaro Secure Client provides strong user authentication and end-to-end encryption so that mobile workers, home workers, and remote offices can communicate securely over the Internet with a central VPN gateway.

The Astaro Secure Client also includes an integrated dialer and a personal packet inspection firewall to simplify operations and improve the security of the remote systems.

Use any (choice of) network topology

By supporting a wide variety of network technologies, the client can be used in basically any environment:

▸ LAN/Ethernet
▸ WLAN
▸ DSL, PPPoE, PPPoA
▸ ISDN (channel bundling)
▸ Modem
▸ GPRS, UMTS

Flexible Logging and Distribution

The Astaro Secure Client offers an impressive feature set, including:

▸ IPSec, Internet Key Exchange (IKE), Main Mode
▸ NAT-Traversal for passing Network Address Translation (NAT) devices
▸ Virtual IP address support
▸ Perfect Forward Secrecy (PFS)
▸ API for controlling the client by your own applications
▸ Compatible with Astaro Security Linux (ASL) and other IPSec-compliant VPN gateways

Strong Authentication

The Astaro Secure Client works with a number of strong authentication methods to prevent unauthorized users from gaining access to the corporate network:

▸ Pre-Shared Key (PSK)
▸ X.509 certificates
▸ PKCS#11
▸ PKCS#12
▸ Smart Cards
▸ USB Tokens
▸ Biometric devices

Advanced encryption

You can choose from a variety of advanced cryptographic methods including:

▸ AES (128/192/256 Bit)
▸ 3DES, DES
▸ Blowfish
▸ RSA (1024-4096 Bit)
▸ Diffie-Hellman groups 1, 2, 5
▸ SHA-1, MD5

Convenient remote access and dial-in

By providing an integrated dialer and line management, the client makes it easy to connect to central offices and manage the connections. This avoids the compatibility problems that can occur when VPN clients are dependent on the Microsoft RAS dialer. Features include:

▸ International dial-in
▸ Dialer Protection - preventing Trojan dialers and spyware from dialing out to expensive telephone numbers
▸ Multiple remote subnets for the same connection definition
▸ Specification of connection-specific DNS and WINS servers
▸ Failover to alternative gateway
▸ Prevent misconfiguration by restricting users' rights

Windows XP Support

The Astaro Secure Client operates reliably with Windows XP Service Pack 2 (SP2).

Personal Firewall

A stateful personal firewall prevents hackers from taking control of the remote system and causing damage or creating a "backdoor" into the organization's central network (denial of split tunneling).

Easy to use

Astaro Secure Client offers a user-friendly access to the VPN:

▸ Easy installation
▸ Configuration wizard
▸ Automatic or manual VPN dialing mode

System Requirements

Minimum requirements:

▸ 64 MB RAM
▸ 10 MB free disk space Network adaptor
▸ Network adaptor
▸ Windows 98SE/ME/NT 4.0 Service Pack 5 (SP5)/2000/XP

About Astaro

Astaro provides a network security solution that is complete, simple to manage, affordable, and effective. Astaro selects and integrates the best of open source security software to provide the widest range of innovative security technology available in a single package. Astaro's software has won numerous awards, and is in use on over 20,000 networks in more than 60 countries. Astaro Security Linux is distributed by a worldwide network of solutions partners who offer local support and services.

www.astaro.com

Europe, Middle East, Africa (EMEA)

Astaro AG
Pfinztalstrasse 90
76227 Karlsruhe
Germany

T: +49 721 490 069 0
F: +49 721 490 069 55
emea@astaro.com

Offices in Pinneberg/Germany, Paris/France and Reading/UK

Americas

Astaro Corporation
3 New England Executive Park
Burlington, MA 01803
USA

T: +1 781 272 8787
F: +1 781 272 8989
americas@astaro.com

Offices in Los Angeles/California, Chicago/Illinois and Kelowna/ Canada

Asia Pacific (APAC)

T: +49 721 490 069 0
F: +49 721 490 069 55
apac@astaro.com

Your Astaro Partner