



## Astaro VPN Clients

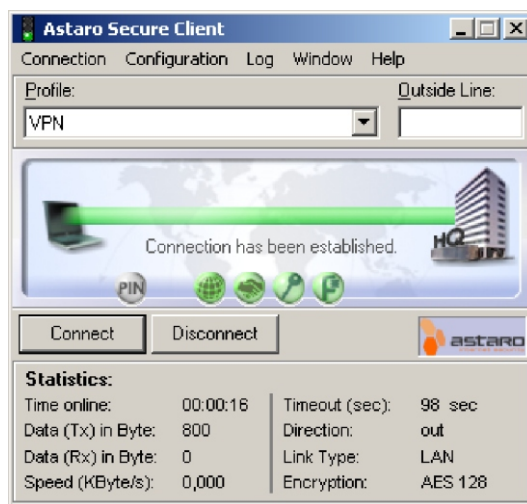


Remote access to corporate network data from any location at any time is a necessity for mobile or home workers in many businesses. However, setting up these clients on individual PCs often becomes a huge administrative burden and in many cases the technology used only provides limited access to certain applications.

Astaro VPN Clients are easy to install with just a few simple mouse clicks. They offer secure and unlimited remote access to any type of network environment, including native applications not offering a web based interface.

They support a large variety of operating systems and scenarios. You can choose from the following products:

- ▶ **Astaro Secure Client:** Powerful and feature rich client for IPsec based remote access. For all businesses which ask for the same level of security and useability for connecting their road warriors as for connecting branch offices. The client also includes a personal firewall for additional protection of the local client.
- ▶ **Astaro SSL Client:** Easy-to-use platform independent client for transparent SSL access to all company applications. Part of every Astaro Security Gateway solution and available free of charge.



## About Astaro

Astaro is a leading provider of Internet security appliances. The Astaro Security Gateway, simplifying Email, Web & Network Security, has won numerous industry awards and is protecting over 30,000 networks in 60 countries. Astaro products are distributed by a worldwide network of more than 1,000 solution partners who offer local support and services. Astaro AG is headquartered in Karlsruhe, Germany and Burlington, USA.

## Benefits

### Secure Remote-Access

- ▶ Secure and strong authentication and encryption
- ▶ Supports all common authentication and encryption algorithms like MD5, SHA, DES, 3DES, AES, Blowfish, Twofish, etc.
- ▶ Supports token-based authentication
- ▶ Astaro Secure Client with integrated personal firewall for increased client protection
- ▶ Initial client-configuration through Astaro Security Gateway - no configuration required by end user

### Easy to manage

- ▶ Seamless integration with Astaro Security Gateways
- ▶ Easy installation and configuration within minutes via "One-Click" VPN
- ▶ Download of complete installation package from Astaro Security Gateway End-User Portal
- ▶ SSL Client supports all common operating systems
- ▶ Works from any location - even via GSM, UMTS, GPRS, DSL, WLAN and NAT
- ▶ Easy administration of VPN connections via Astaro Security Gateway

## Deployment

Astaro VPN Clients perfectly interoperate with VPN gateway applications included with all Astaro Security Gateway products.

### Astaro Secure Client

- ▶ Compatible with all Astaro Security Gateway solutions
- ▶ Supports all current MS-Windows operating systems

### Astaro SSL Client

- ▶ Compatible with Astaro Security Gateway V7
- ▶ Runs on current Windows, MacOS X, Linux, BSD and Solaris operating systems

Both clients can be easily configured within the Astaro Security Gateway and individually downloaded from the end-user portal.

## Technical Specifications

### Astaro Secure Client

- ▶ Strong IPSec-based security
- ▶ Authentication: Pre-Shared Key (PSK), PKI (X.509), Smartcards, Token
- ▶ Encryption: AES (128/192/256), DES, 3DES, Blowfish, RSA (1024-4096 Bit), Diffie-Hellmann groups 1/2/5, MD5, SHA-1
- ▶ Communication devices: Modem, ISDN, xDSL, LAN, WLAN, GSM, UMTS
- ▶ Integrated Personal Firewall
- ▶ Integrated Dialer protection
- ▶ Prioritization of VoIP traffic
- ▶ Supports VPN Gateways of other vendors, using IPSec standards
- ▶ Intelligent split-tunneling for optimum traffic routing

- ▶ Automatic communication type detection
- ▶ Integrated WLAN configuration
- ▶ "Friendly Net" detection
- ▶ NAT-Traversal support
- ▶ Automatic HTTP-Authentication at Hotspots
- ▶ Client-Monitor for graphical overview of connection status

### Astaro SSL Client

- ▶ Proven SSL-(TLS) based security
- ▶ Minimal system requirements
- ▶ Supports MD5, SHA, DES, 3DES and AES
- ▶ Works through all firewalls, regardless of proxies and NAT
- ▶ Independent from browser

### One-Click VPN

- ▶ Easy setup and installation of every client within minutes
- ▶ Download of Client Software, individual configuration files, keys and certificates with one mouse-click from the Astaro Security Gateway end-user portal
- ▶ Automatic installation and configuration of the client
- ▶ Multi-platform support

### System requirements:

- ▶ **Astaro Secure Client**
  - ▶ 128 MB RAM
  - ▶ Hard Drive
  - ▶ Windows 2000 (SP4+RSP1)/XP (SP2)/Vista
- ▶ **Astaro SSL Client**
  - ▶ 128 MB RAM
  - ▶ Hard Drive
  - ▶ Windows 2000/XP/Vista, Linux, MacOS X, BSD or Solaris
- ▶ One of the following communication devices: ISDN modem, analog Modem, LAN, DSL modem, UMTS-/GPRS-card or WLAN

## Contact Astaro

Download an evaluation copy of the Astaro Secure Client software at <http://www.astaro.com/download/asc/> or contact Astaro at:

### Europe, Middle East, Africa

Astaro AG  
Amalienbadstrasse 36  
76227 Karlsruhe  
Germany  
T: +49 721 255 16 0  
F: +49 721 255 16 200  
emea@astaro.com

### The Americas

Astaro Corporation  
3 New England Executive Park  
Burlington, MA 01803  
USA  
T: +1 781 345 5000  
F: +1 781 345 5100  
americas@astaro.com

### Asia Pacific Region

Astaro K.K.  
12/F Ark Mori Building  
1-12-32 Akasaka Minato-ku  
Tokyo 107-6012, Japan  
T: +81 3 4360 8350  
apac@astaro.com



[www.astaro.com](http://www.astaro.com)

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