

Secure your data in motion



The Trustway IP Protect (IPSec) range offers the most advanced security features to protect communications in sensitive environments.

Its architecture complies with the strictest international requirements and brings the highest level of confidentiality to network communications protection.

Coupled with the centralized management infrastructure, the on-the-fly encryption of IP communications allows an easy and effective implementation to secure flows close to sensitive data.

Entirely manufactured in Europe, Trustway IP Protect offers advanced certified security, ease of deployment and cutting-edge performances.

A range of performance levels to suit every demand

With its optimum processing capacity, flows typically handled by modern networks operating at several Gigabits can be securely handled. The scalability of the management solution allows the deployment and running of several thousand devices.

The characteristics of all Trustway encryption devices enable to perform encryption operations taking into account response times and latency issues. IPSec tunnels are established according to approved security standards, while taking into account the IP traffic priority management (data, voice, video ...).

High Security level

Developed and produced in France, this offer aims for certification according to Common Criteria EAL3+. Trustway IP Protect offers you an effective protection against the risks associated with industrial espionage and intrusion to IT infrastructures.

For total security, the Trustway Domain administration station uses a hardware

cryptographic resource, that is Common Criteria EAL4+ certified and reinforced qualified by ANSSI.

Fast and simple: a cost-effective solution

Advantages of the Trustway IP Protect range:

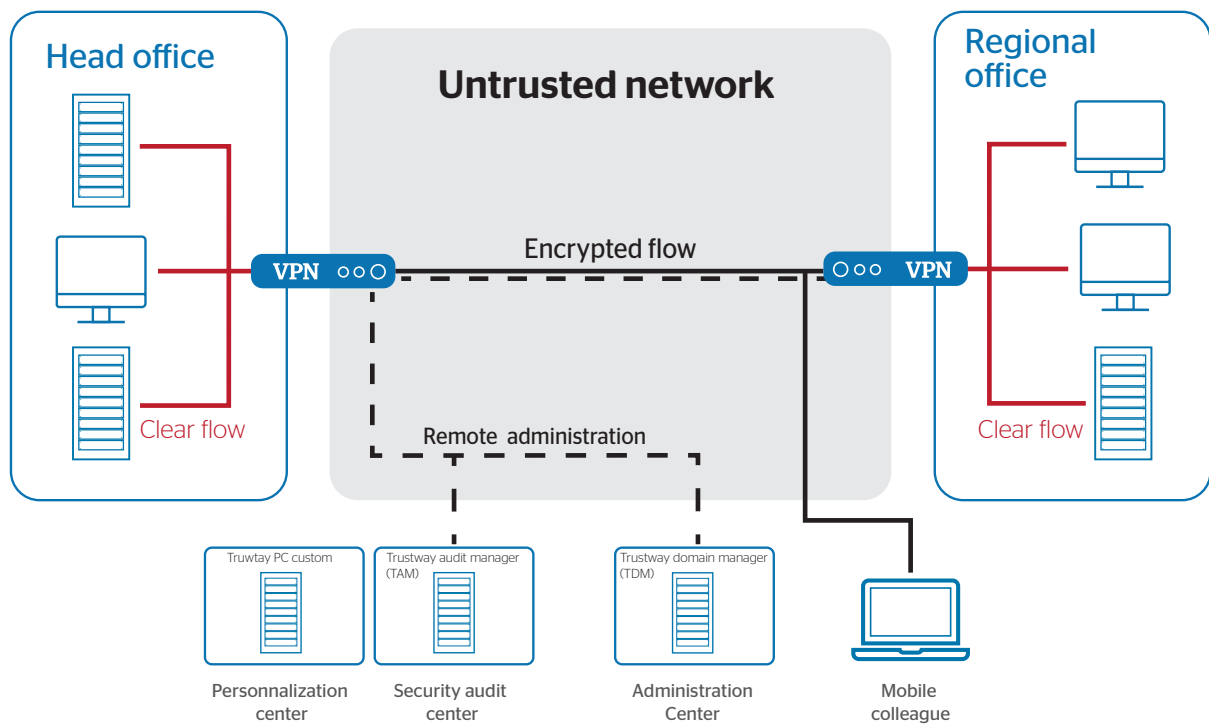
- 'Plug & Play' design;
- Easy implementation, both in terms of installation and day-to-day operation;
- Cost reductions both in the implementation and running of Trustway IP Protect.

All that is required is to connect the preconfigured Trustway IP Protect device to the remote administration station. The appliance retrieves the data for the configuration via a secure protocol and is then ready for action. Trustway IP Protect features a toolset geared to automate all customization, implementation and configuration processes. Installation in situ requires no prior knowledge of security, nor any special skills.

Combining these functionalities with the centralized administration provided by the administration station, VPN deployments are very straightforward. No training is required for managers on regional sites, since everything can be administered from a central point, giving you total peace of mind.



Trustway IP Protect at a glance



Powerful, easy and centralized administration

Once Trustway IP Protect has been installed, you no longer have to be there on-site to run the system. The task of administration can be directed centrally from a single, dedicated security workstation. Rules governing security policies are customized with the help of an ultra-flexible graphical interface.

Drawing on the support of major networks and High Availability

The Trustway IP Protect solution can integrate easily with third-party SNMP network supervision systems. A set of implementation, administration and supervision tools allows you to manage a vast network of up to 10,000 VPN appliances, while keeping individual operations totally separate from one another.

Finally, High-Availability (HA) options ensure your management system will run around the clock, year in and year out.

Maximum scalability and longevity

Using the Trustway IP Protect range of encryption devices ensures that your investment is safe in the longer term, even if the volume of data exchanged increases, protocols change or cryptographic algorithms evolve. Trustway IP Protect ensures the scalability of your investment, while guaranteeing the best possible level of security thanks to its secure built-in software updates.

Keeping control of outsourced system security

Where all or just part of your security management is outsourced to a third-party operator, it is vital to have the option of carrying out a security audit at any time, to check that your security policy is being correctly applied. The Trustway Audit Manager (TAM) station is an exclusive Atos innovation, ensuring you are in control at all times. Even if you have delegated the operational management of your network, you will still be able to verify at any point in time the overall administration of your security.

Technical specifications

Protocols

- IP (TCP, UDP, ICMP...)
- IPsec
- IKE

Algorithms

- Encryption : AES 256 bits

Interfaces

- 10/100/1000 Base-T Ethernet ports and optic 10Gb
- LCD screen

Fonctionnalités

- VRRP : redundancy
- VLAN

Certification aims

- Common Criteria EAL3+

Administration

- TDM: Infrastructure deployment and configuration
- TAM: Audit station for outsourced infrastructure

Performances

- Trustway IP Protect IE50: 50 Mbit/s
- Trustway IP Protect IE100: 100 Mbit/s
- Trustway IP Protect IE300: 300 Mbit/s
- Trustway IP Protect IE900: 900 Mbit/s
- Trustway IP Protect IE1800: 1,8Gbit/s

Find out more about us

atos.net/en/products/cyber-security/data-encryption#ip-network-security

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