

CryptoGuard VPN



Did you every worry about your data transport?
Is the data connection between your offices secured?

CryptoGuard VPN is the solution for a secure connection between mobile, industrial and office environments around the globe.

Simple integration and management, complete product family, speeds up to 10 Gbps, certified by different governments, proven technology for more than two decades.

CryptoGuard VPN has it all!



Network Encryption



English

Cybersecurity with a personal touch



“Easy in integration, management and use”

// CryptoGuard Family

Company networks today are connected via all kind of public networks, and the communication between these networks is routed over many junctions and connections from different providers. Providers and hackers can easily intercept data and use it for espionage and commercial activities.

Companies are almost not aware about the risks of their data transport over unknown networks and what the consequences might be if the data fall into the wrong hands.

CryptoGuard VPN

With CryptoGuard VPN you are completely protected because CryptoGuard VPN controls all the IP traffic between different locations. With the use of CryptoGuard VPN the connection is secured because the data is encrypted and thus unreadable.

CryptoGuard VPN is very easy to integrate in existing networks, to be managed via a central management, and the end-user doesn't have to do anything to work in a secure way.

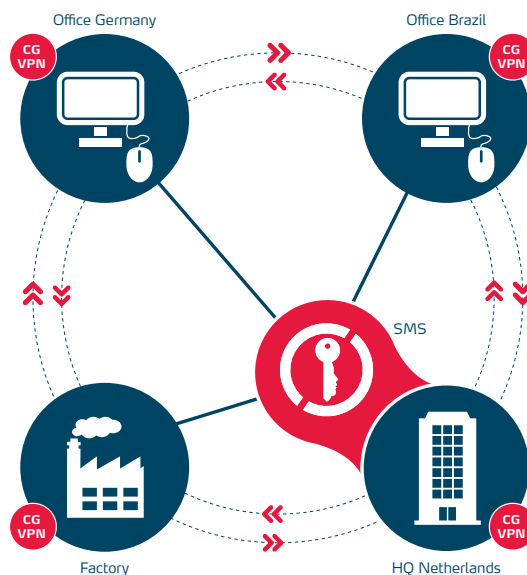
It is necessary that both locations have a CryptoGuard VPN (or another IPsec solution) installed, so that the encrypted data can be decrypted to readable data. When CryptoGuard VPN is implemented in the networks, all data between networks will (after the right configuration

by the management) automatically be encrypted and decrypted.

Central management

CryptoGuard VPN systems are centrally managed by the Security Management Station (SMS). In the very user-friendly SMS the key management is arranged, filter rules can be added and several security systems will automatically be configured. The communication between the SMS and CryptoGuard VPN is secured with modern key algorithms.

Due to the fact that CryptoGuard VPN can be managed centrally from one location, there is no technical knowledge needed on the external locations. CryptoGuard VPN works as an independent stand-alone system. This means that, when the SMS is offline, CryptoGuard VPN still encrypts and decrypts the data and works according to the rules set by the SMS. There is no need for reconfiguration of the networks.



// Features

Transparent encryption

The encryption of data, voice and video takes place fast and automatically. The size of the IP packets is not enlarged by CryptoGuard VPN. Each model of the CryptoGuard VPN is compatible with each other. Furthermore, CryptoGuard VPN is very suitable for satellite environments.

CryptoGuard VPN Family

CryptoGuard VPN is a product family with its own specific features. 600/6000 are suited for mobile, industrial and small office environments with a maximum throughput of 95 Mbps. 5500, 5800 and 5900 are suited for office environments from 180 Mbps till 1 Gbps and CompuCrypt XL for high speed.

Encryption method

The data encryption can be chosen between Payload and IPsec. The encryption can be done on OSI layer 2, 3 and 4. The algorithm is AES with a 256 bit key length. Customization can be realized in special customer projects.

For small and large networks

CryptoGuard VPN is suitable for all kind of companies, locations and networks. The network size varies from two locations to more than thousand locations. CryptoGuard VPN 600/6000 are designed for industrial environments and are shockproof and operational between -20° and +55° Celsius.

Proven technology

CryptoGuard VPN is in use for more than 20 years and consists meanwhile of six generations. CryptoGuard VPN has a long lifetime. In short, the years of experience make CryptoGuard VPN not only a reliable but also a sustainable solution.

Throughput up to 10 Gbps

CompuCrypt XL, unique in the product family, delivers unprecedented performance in the area of throughput. CompuCrypt XL can reach throughput up to 10 Gbps. CompuCrypt XL is prepared for the future of high speed connections.

Efficient central management

Through the central management (SMS), the administrator can simply and fast change keys, add security rules and perform updates for each CryptoGuard VPN of the organization. CryptoGuard VPN is thus very efficient and cost reducing for an organization.

Reduced cost of ownership

CryptoGuard VPN can easily be integrated in all types of networks, even in the most complex structure. This makes CryptoGuard VPN an efficient investment and reduces the total cost of ownership.



“No technical expertise required at remote location”



"CryptoGuard VPN family is 100% free from backdoors."

// Certified and reliable solution

Most hardware versions of CryptoGuard VPN are certified by the Dutch government for Departementaal Vertrouwelijk (DV) use. This means that the product is approved for the transport of restricted data. CryptoGuard VPN is also approved for EU Restricted and NATO Restricted.

CryptoGuard VPN is completely developed by Compumatica in the Netherlands and Germany and doesn't contain any backdoors. Nobody has access to the key material except for the customer. To confirm this statement every customer is allowed to have a look into the source code.

// Compumatica

In 1991, when almost nobody was working with cybersecurity, Compumatica was founded and is since then a leading company in IT security developments. Compumatica has a complete and modern product portfolio of IT security solutions with use of new technologies and experience of cryptography.

Compumatica secure networks is a fully independent private company with several offices in Europe. The customers of Compumatica are governments and companies listed in the top 500.

Compumatica develops, produces and implements solutions with a high security grade without backdoors. During the development process of the solu-

tions, security is the main focus besides simple implementation and integration, easy management and usability for the end user.

Every single product goes through a quality assurance phase in which it is subject to a long-term test. Long product life times with updates and upgrades are guaranteed for each solution.

With our slogan "Cybersecurity with a personal touch" we point out that customers are our first priority. Do you have questions, do you need support, do you want to upgrade products to the latest solutions, or do you have special demands? We are pleased to help you.



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"Cybersecurity with a personal touch"



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