



Secure communication with remote sites

Many organisations depend on information exchange with remote sites. Communication between the main office at one location and a small office somewhere else is needed. These offices are connected using the Internet, but sending confidential or sensitive information on the Internet is not an option in most cases.

Challenge

Create secure remote communication

Confidential information exchange can often be of great interest to attackers. Thus, proper protection of the information exchange is a necessity for many organisations. Using a software solution that has not been evaluated exposes the system to many risks, for example:

- Intentionally planted backdoors in the VPN software used
- Unintentional security bugs in the VPN software
- The security requirements on the environment might not be met. This could be due to the method used for key exchange or how the laptop running the software solution is used.

These flaws risk revealing confidential and sensitive information, often without the user even knowing this has happened.

Solution

Secure and easy to use

Advenica's SecuriVPN provides sustainable data in motion protection for all end user applications. Optimal deployment is ensured by multiple product models. At the main office, SecuriVPN can be configured to use high availability with failover or dynamic routing. Mobile offices can use the portable SecuriVPN variant. The system supports many features such as NTP, logging and automatic key updates. The system is hardware-based, evaluated and has a central administration system for ease of use.

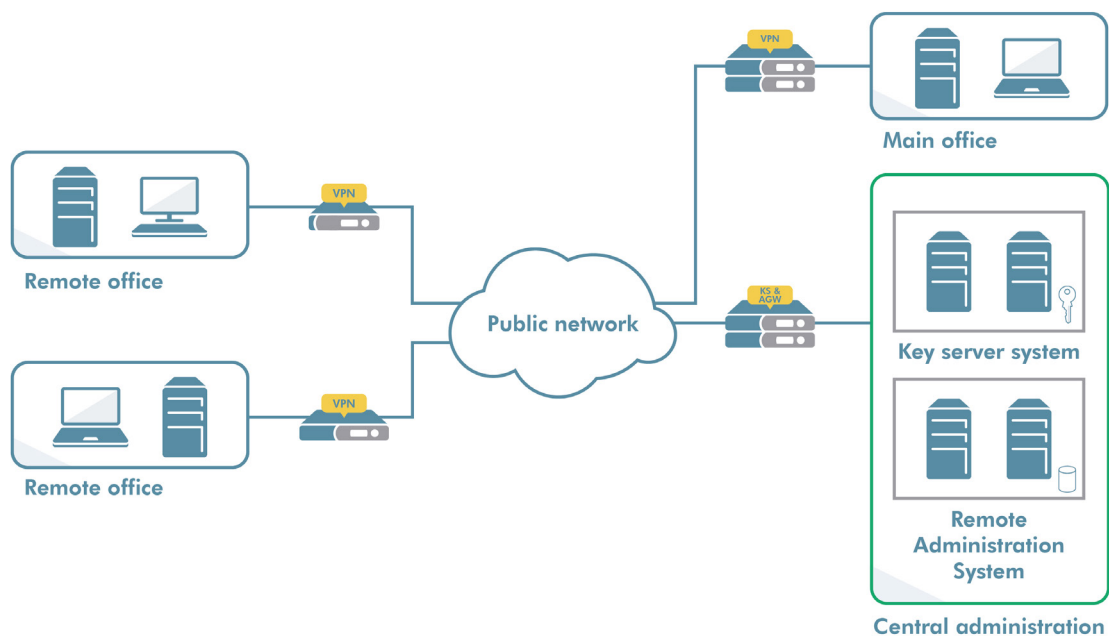
SecuriVPN is developed and manufactured in-house in Sweden to protect against supply-chain attacks. The system is quantum-secure and holds National approvals on SECRET level in several European countries.

Advenica is ISO 14001 and ISO 9001 certified. The company has several other IT security products, such as data diodes and cross-domain solutions, also evaluated by authorities.

Advantages

Security and functionality

- Evaluated by several authorities
- Uses state of the art methods such as key server, PKI and combines symmetric and asymmetric encryption.
- Uses patented three domain separation to ensure proper role separation and privacy.
- Long-term sustainable communication privacy
- Easy to configure and deploy
- Multiple product models for optimal deployment versatility
- Full central logging of system events



Advenica provides expertise and world-class high assurance cybersecurity solutions for critical data in motion up to Top Secret classification. We enable countries, authorities and companies to raise information security and digitalise responsibly. Founded in 1993, we are EU approved to the highest level of security. Our unique products are designed, developed and manufactured in Sweden.

Read more at advenica.com

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