



Long-term communication privacy

SecuriConnect® System

SecuriConnect offers defence agencies and governments a market unique solution that enables secure and sustainable communication privacy and separates classified information from administration with Three Domain Separation technology.

Designed to fulfill the most stringent secure communication demands and utilise already available network connections, SecuriConnect is still a cost-effective network encryptor solution. SecuriConnect enables you to take the digital revolution of the defence sector to the next level. It secures your digital communication while protecting against eavesdropping, replay attacks and manipulation of information i.e. active and passive signal intelligence.

Superior communication privacy

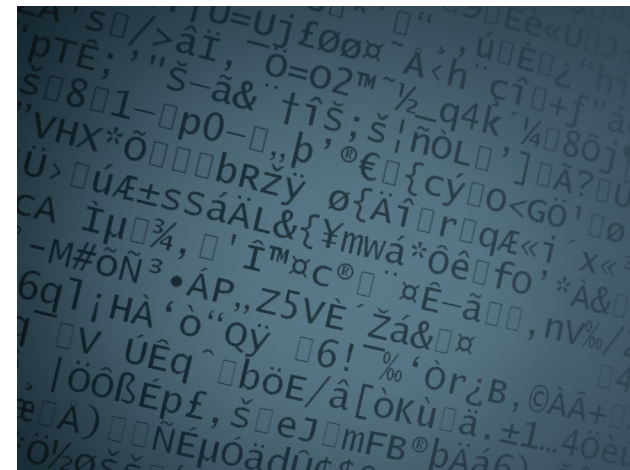
Long-term communication privacy is ensured by unique technologies inherited from Advenica's EU approved network encryptors. Your digital communication, data transfer and key handling is protected by quantum secure algorithms and protocols, unique for the SecuriConnect product range. SecuriConnect renders vital network security functionalities such as authentication of information origin, integrity control, and anti-replay mechanism. It also enables network architecture masking.

Integrated insider threat protection

In addition to the traditional Red/Black domain separation between classified information and transport networks, SecuriConnect introduces a third domain. The Administration domain can control, configure and monitor all VPN devices on the SecuriConnect VPN network.

Due to the patented Three Domain Separation technology, classified information from the protected (RED) domain cannot be accessed from the administration domain.

Three Domain Separation eliminates the threat of unauthorised disclosure of classified information by rogue administrators.



Benefits

- Superior communication privacy enabled by quantum safe algorithms
- Three Domain Separation technology to eliminate insider threat
- Integrated network security functionalities
- Increased digitalisation with high-end security in user friendly low maintenance solution
- Enables secure VoIP, videoconferencing and other time critical real-time information
- QoS support with configurable ToS pass-through
- Adapts to access network characteristics e.g. mobile
- Multiple product models for optimal deployment
- Flexible Stand alone Key Production System

Features

Cryptography

- IPsec enhanced
- Encryption using AES-256
- Future-proof symmetric key management
- Local or centralised configuration distribution
- Unicast two-way tunnels
- Unidirectional data flow
- Three Domain Separation

Network

- Manages any IP capable transport medium, including satellite links, in tactical operations
- Resources can be separated within the same LAN with multiple VPN devices
- 10/100/1000 Mbps line speed
- Multiple High availability options
- Dynamic routing, OSPF
- Supports fully meshed network topology

Central Administration

- Configuration Application
- Central logging
- Remote monitoring and management

Key Generation Center

- Separate key Generation System

Autonomous network architecture masking

SecuriConnect devices can be used behind a NAT device and, by themselves, also provide a fully transparent NAT service between the protected (RED) domains. Any IP capable network can be used as the transport (BLACK) domain. It is fully possible to utilise completely open networks, but equally possible to use MPLS, leased lines, satellite links or even existing cryptographically separated tunnels.

Deployment versatility

SecuriConnect is available in different models so that you can grow with the system into the future. The entry-level appliances are suitable for small locations, command post and tactical users. The high-end appliances are a perfect match for your most demanding network requirements. The system enables you to leverage existing network technology and protect investments already made.

ED120 - Small locations, command post

- Network connection speed: 10/100/1000 Mbps
- VPN transfer rate: 50 Mbps

ED140 - High-end appliance for Headquarters

- Network connection speed: 10/100/1000 Mbps
- VPN transfer rate: 500 Mbps

Technical specification

| Physical data | ED120 | ED140 |
|-------------------|---------------|---------------|
| Power consumption | 8 W | 90 W |
| Size (WxDxH) | 100x110x30 mm | 437x290x43 mm |
| Weight | 0,4 kg | 4,2 kg |
| Temperature | | |
| - Operational | +5 - +40°C | +5 - +40°C |
| - Transport | -20 - +60°C | -20 - +60°C |
| Cooling | Fanless | Built-in fan |

