Färist VPN – verified and approved

Approved VPN crypto for secure communication via untrusted IP networks to protect sensitive and classified information.

Färist VPN

Färist VPN Approved as Communication Security Protection for the protection of security-sensitive information up to the level of EU-Restricted with post quantum secured encryption (PQ).

Approved and verified

Färist VPN are developed in close cooperation with the Swedish Defence Materiel Administration and the Swedish Armed Forces. It is approved at the level of Restricted in several EU countries, both as an individual component and as part of a Färist Mobile system. Färist VPN also comes in a specialized Swedish version, approved as Communication Security Protection (SG R) for the protection of security-sensitive information up to the level of Restricted.

Scalable

Scalable and flexible with market leading performance Färist VPN is available in a variety of sizes, from small mobile units to high-performance rack-mounted servers. VPN performance ranges from 100 Mbps to 100 Gbps. Färist VPN is also available in ruggedized versions for use in harsh environments, meaning that it conforms to even the most stringent military specifications.
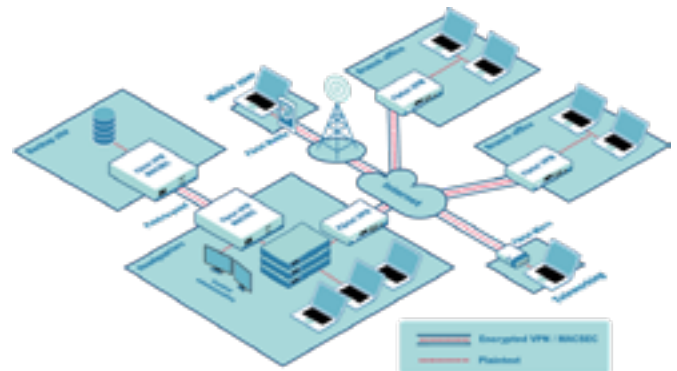
Strong encryption

Strong encryption Färist VPN is based on the IPSEC and MACSEC standards and supports digital certificates for automatic key exchange. Encryption is carried out using AES with 256 bits keys. Crypto keys are loaded into the system using smart cards or USB. The system provides perfect forward secrecy.

- Available in a variety of sizes (form factors)
- Cost-efficient
- Centralized administration
- Market leading performance (up to 100Gb)
- Strong encryption approved by Armed Forces
- PQ secured (post quantum cryptography)
- Meets the requirements of the Swedish Protective Security Act and EU's NIS Directive.

Färist VPN H220

- Ports: 8 x RJ45, 10 x SFP, 4 x SFP+, 1 x RJ45 console, 2 x USB
- VPN Performance: 9 Gbps IPSec, 18 Gbps MACSec
- Power: Dual 100–240V AC or -36 ~ -72V DC, redundant power
- Power Consumption: 130 W typical, 175 W max
- MTBF: 123 896 h
- Dimensions: 1 RU, 44 x 430 x 410 mm (HxWxD)
- Weight: 7 kg
- Misc: Carrier-grade, rear fan mode, card reader

Färist VPN C210

- Ports: 6 x RJ45, 1 x RJ45 console, 2 x USB
- VPN Performance: 500 Mbps IPSec, 1 Gbps MACSec
- Power: 230V AC, 12V DC
- Power Consumption: 21 W typical, 31 W max
- MTBF: 115 449 h
- Dimensions: 44 x 215 x 200 mm (HxWxD)
- Weight: 2.1 kg
- Misc: Compact fanless model with on-board card reader and USB. Rack mount kit available.

Färist VPN R220

- Ports: 8 x RJ45, 2 x SFP, 1 x RJ45 console, 2 x USB
- VPN Performance: 4 Gbps IPSec, 8 Gbps MACSec
- Power: 100–240V AC or -36 ~ -72V DC
- Power Consumption: 100 W typical, 135 W max
- MTBF: 169 823 h
- Dimensions: 1 RU, 44 x 430 x 410 mm (HxWxD)
- Weight: 6 kg
- Misc: Carrier-grade, rear fan model, card reader

Färist VPN M100

- Ports: 4 x RJ45 LAN, 1 x USB-A 2.0, 1 x "Rugged" USB (Datakey) 4 x LED indicator, 1 x RS232 service port, 1 x earth bonding point
- VPN Performance: 500 Mbps IPSec, 1 Gbps MACSec
- Power: 10–32 V DC
- Power consumption: 10 W typical, 15 W max
- Dimensions: 44 x 220 x 303 mm (H xWxD)
- Weight: 12 kg
- Misc: Rugged fanless model, display, buttons, on-board card reader, "blanking". Rack mount kit available (1 RU)

Färist VPN H310

- Ports: 8 x SFP+, 2 x USB, 1 x RJ45 console
- VPN Performance: 15Gbps IPSec, 40Gbps MACSec
- Power: Dual 100–240V AC or -36 ~ -72 V DC, redundant power
- Power Consumption: 170W typical, 220W max
- MTBF: 111 837 h
- Dimensions: 2 RU, 88 x 430 x 450 mm (HxWxD)
- Weight: 12 kg
- Misc: High performance model, carrier grade, rear fan, display