

# Sectra VPN Server

Secure remote working starts with secure access. Sectra VPN Server is designed for the classification level RESTRICTED and enables secure access to internal networks and services for sensitive and confidential information over the Internet. By utilizing advanced encryption and authentication methods, it ensures that your data remains protected while providing seamless connectivity for remote employees.

## Strong encryption and reliable authentication

Sectra VPN Server is based on the TLS/DTLS standards, and mutual authentication is performed through X.509 v3 certificates. The Advanced Encryption Standard (AES) with a 256-bit key is used to securely encrypt the data.

The key negotiation is performed in such a way that perfect forward secrecy is obtained. This provides additional security by generating unique session keys for every communication session. Even if a private encryption key is compromised, it would not affect the confidentiality of past communications. Only secure configurations of the TLS/DTLS protocols are allowed.

## High availability

With high availability, users can access the system at any time without facing unnecessary interruptions or delays. If the connection to Sectra VPN Server fails, the client automatically attempts to connect to a configured redundant Sectra VPN Server. System administrators can therefore rest assured that users are always connected and can receive security-critical system updates.



## Integrations for managed access control

Integrations for extended access control help manage and restrict user access based on predefined roles and permissions. Sectra VPN Server integrates with Microsoft Active Directory and next-generation firewalls by translating an authenticated VPN tunnel into a network identity and passing it on to the next-generation firewall.

## Easy deployment and administration

Sectra VPN Server can easily be deployed as it only requires that a configuration file and key material be provided to the server. By simply pressing the power button, clients are able to connect. The configuration and key material are never stored permanently on the server. When powering off the system, no sensitive information is left on the server, and it can securely be reused in a different environment.

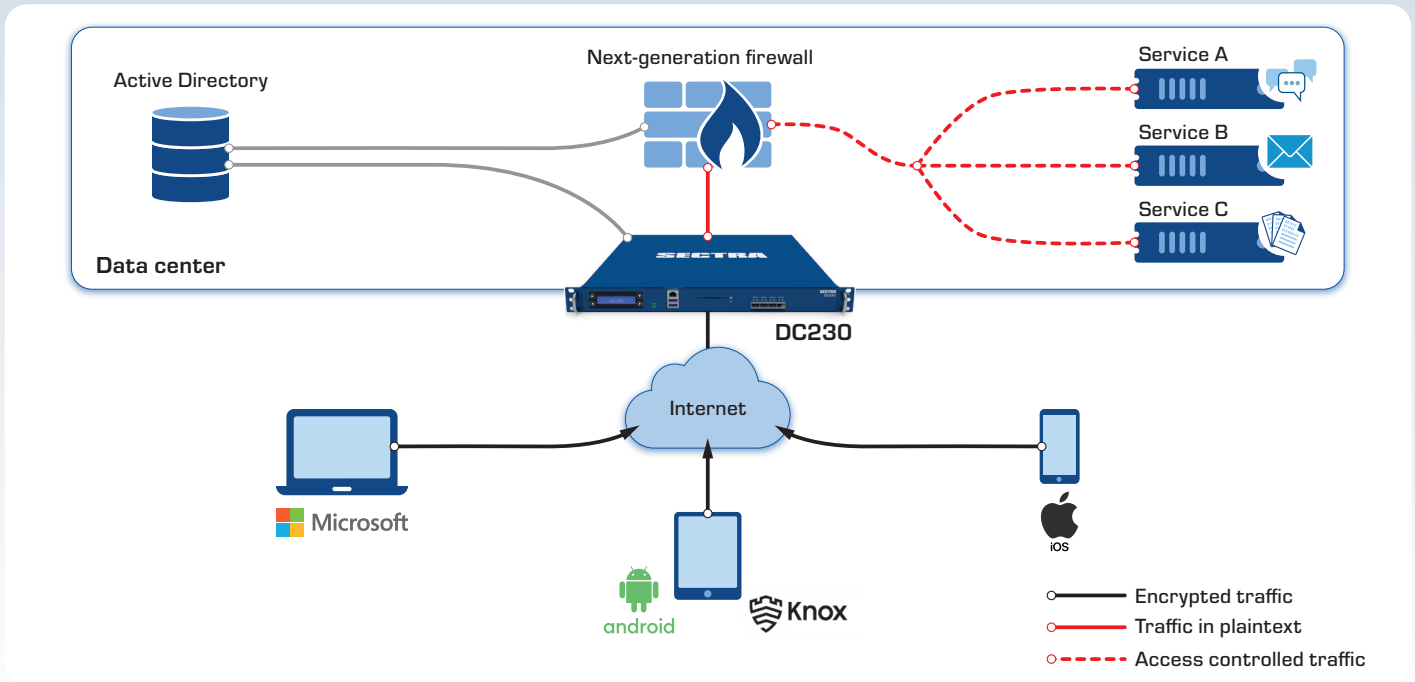
Sectra VPN Server also sends logs to a central log service that enables effective monitoring and logging of system events, contributing to overall security and compliance.

## Personalized service for your security needs

At Sectra, the customer is highly valued. Our customer-focused service and support engineers are experts in all aspects of IT and are the ultimate specialists when it comes to taking care of your system. Personal training courses are also held to achieve rapid deployment. Partner with Sectra and rest assured that you have chosen a security solution that truly cares about your success.

### Configure – Deploy – Power on

The setup of Sectra VPN Server is streamlined to allow users to get started in no time.



### Technical specifications & benefits

<p><b>Software</b></p>	<ul style="list-style-type: none"> <li>• Encryption: AES-256</li> <li>• Key negotiation: ECDHE</li> <li>• Protocols: TLS/DTLS 1.2</li> <li>• Authentication: Digital certificate, X.509 v3, ECDSA</li> </ul>
<p><b>Hardware</b></p>	<ul style="list-style-type: none"> <li>• Form factor: 1U 19" rackmount</li> <li>• Operating temperature: 0°C to +40°C</li> <li>• Weight: 6.0 kg</li> <li>• Dimensions: 44 mm (H) x 430 mm (W) x 450 mm (D)</li> <li>• LED: Display used to show current status</li> <li>• Ports: 4x1000 Mbit/s SFP, 2xUSB 3.0</li> <li>• Encryption performance: Up to 900 Mbit/s</li> </ul>
<p><b>Benefits</b></p>	<ul style="list-style-type: none"> <li>• Designed for classification level RESTRICTED</li> <li>• Easy deployment</li> <li>• Configuration management through user-friendly application</li> <li>• Complete hardened hardware appliance</li> <li>• 45 years' experience in secure communications</li> </ul>