DATA PROTECTION
Products and Solutions

Protelion Data Protection products are designed to address data security challenges in communications over public or unprotected data networks and safeguard customer IT assets primarily data networks and endpoints against variety of cyber threats. Using our products we offer our customer wide range of solutions to address their cybersecurity needs.

Protelion Data Protection products are targeted at two main tasks:

First, they safeguard customers' sensitive data while it traverses public and unsecured networks by utilizing Protelion Security technology.

Second, they protect customers' data networks and IT infrastructures by monitoring network nodes like user computers, servers, and by filtering and thoroughly inspecting data packets traveling on the customers' data network.

1. VPN
Protelion Security Technology

Protelion Security Technology is unique to Protelion VPN and enables data protection by creating and managing of Virtual Private Networks on top of public and unsecured data networks. Protelion VPN is based on proprietary data protocol which works over any TCP/IP network using UDP protocol whenever it's possible. The Protelion VPN protocol benefits sessionless approach and enables symmetric encryption to protect every single data packet payload.
Below are the products built on this technology.

Protelion AR Security Gateways
- AR100
- AR1000
- AR2000
- AR5000

Protelion AR VPN Client Apps
- Desktop and laptop Windows, Linux, MacOS
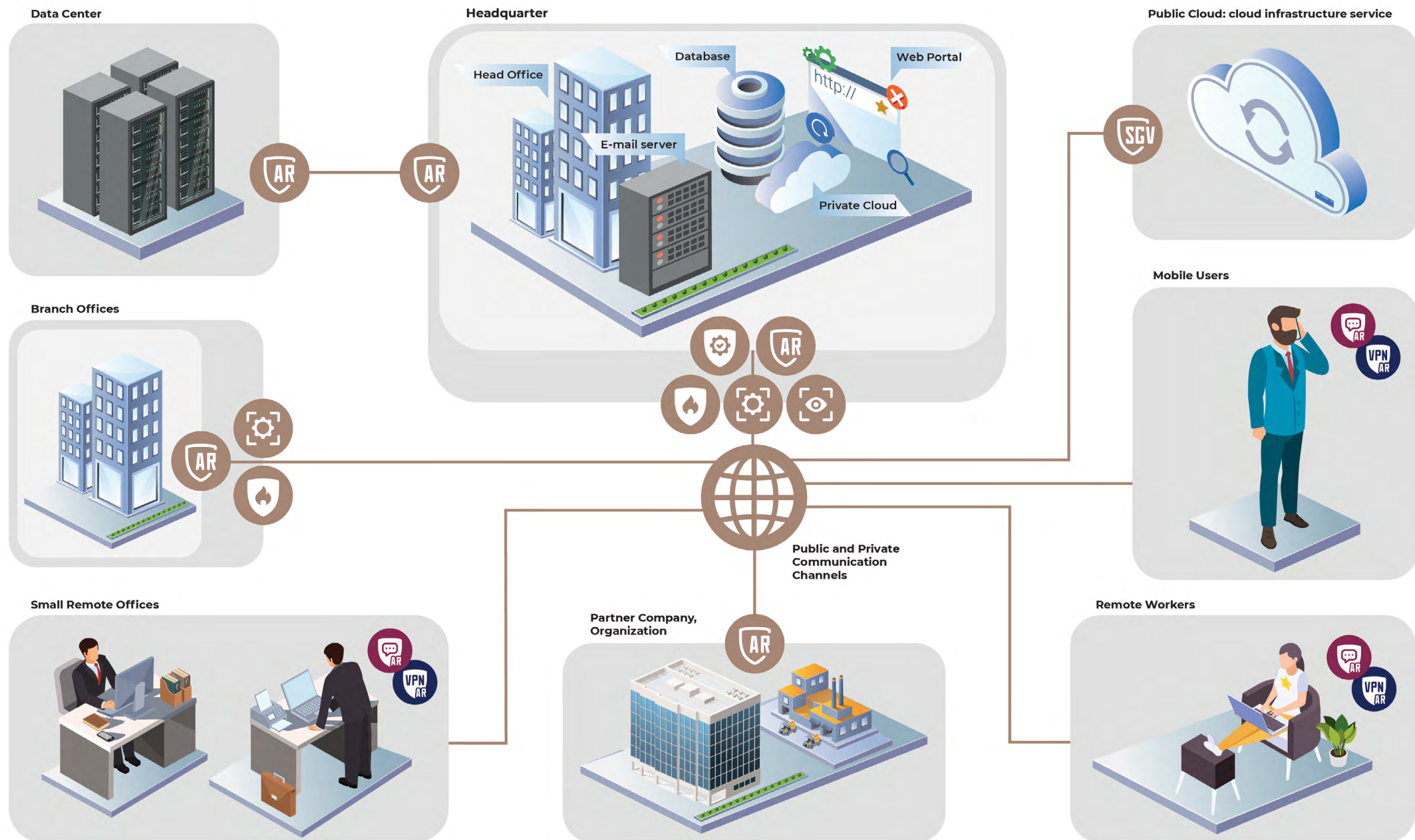- Portables iOS, Android

2. DATA NETWORK PROTECTION
Guarding your data network

Protelion data protection secures customer networks and IT infrastructure by monitoring devices and filtering data packets. As mobile, IoT, and cloud usage grows, traditional security methods fall short in defining and protecting network perimeters amid increasing cyber threats.

Organizations must implement monitoring systems and employ skilled professionals to swiftly address security incidents. Protelion Threat Detection and Analytics (TDA) helps reduce costs and staff burden, enhancing security for information systems, data centers, workstations, and servers while cutting time and expenses in managing cybersecurity threats.
Here are our products addressing these challenges.

- Protelion xFirewall
- Protelion TDA
- Protelion TDM
- Protelion NIDS
- Protelion EPP

Data Center

Headquarter
- Head Office
- Database
- Web Portal
- E-mail server
- Private Cloud
- http://

Public Cloud: cloud infrastructure service

Branch Offices

Mobile Users

Small Remote Offices

Partner Company, Organization

Public and Private Communication Channels

Remote Workers

Protelion AR SG
Security Gateway Appliance

Protelion SGV
Security Gateway Virtual Appliance

Protelion AR VPN
Protects users data while it's in transit

Protelion SMC
Security Management Center

Protelion AR Messenger
Secure Unified Communication App

Protelion TDM
Threat Detection Management

Protelion NIDS
Network Intrusion Detection System

Protelion FW
Next-Generation Firewall

——— Secure Connection

> " For organizations with advanced requirements, we also offer customized encryption options upon request to meet specific operational or regulatory needs. "

OUR SOLUTIONS

By using Protelion VPN Technology and Data Network Protection products one can build different solutions like

- Secure Communication
- Secure Remote Access
- Threat Detection and Response
- Endpoint Protection

KEY FEATURES

- Security and reliability
- Unique data protocol
- Symmetric encryption
- Ease of management
- Flexible customization options
- Fully on-premise installation
- Easy to upgrade
- Intuitive user interfaces
- Scalability
- Integration with existing IT infrastructure

PRODUCT PORTFOLIO

Protelion ArmoredMobile

- AOSP-based with strong protection
- Features always-on VPN, real-time antivirus, and hardened OS core
- Protects against unauthorized access and surveillance

Protelion AR Messenger

- Secure unified communication
- Texting, group chats, file share, audio calls, video calls, SIP support

PRODUCT PORTFOLIO

Protelion AR VPN

- Uses unique data protocol
- Secure, encrypted access to corporate resources
- Protects multiservice networks (VoIP, video calls)
- Seamlessly integrates with networks and applications

Protelion FW

- Deep-packet inspection firewall
- Provides application-level inspection and intrusion prevention
- Simple to configure and deploy into existing networks

AR Security Gateways

- Integrated security gateways with stateful firewall
- Suitable for both large and small organizations' data networks
- Centralized management for secure remote access

Protelion Endpoint Protection

- Comprehensive endpoint security solution
- Protects against malware, zero-day exploits, and unwanted applications
- Features intrusion detection, firewall, anti-malware, and behavioral analysis

Protelion TDR (Threat Detection and Response)

- Real-time threat detection system using advanced analytics
- Identifies ransomware, file-less attacks, and threats to remote workers
- Detects millions of new and emerging cybersecurity threats

ABOUT PROTELION

Headquartered in Berlin, Germany, with its R&D in Yerevan, Armenia, Protelion serves global clients across various industries, including governments, critical infrastructure, and private companies. Our company provides innovative, user-friendly, and affordable security solutions designed to protect data in transit and secure network infrastructures. With strong symmetric encryption, Protelion ensures advanced protection and security for its clients.

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GOVERNMENT SOLUTIONS

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