



PROTELION

Use Cases

Highly Secure Communication for Enterprises and Small/Medium Businesses (SMBs)

Cyber threats, such as phishing scams, ransomware, and botnet attacks are increasingly targeting enterprises and small to medium-sized businesses (SMBs). These threats can disrupt operations, damage reputation and may even result in significant financial losses. Protelion offers tailored cybersecurity solutions that enable enterprises and SMBs to safeguard their valuable digital assets and operations. Protelion's expertise and advanced security tools work hand-in-hand to protect your data, IT network, and operational systems from the ever-evolving threats in cyber space. Protelion empowers businesses with robust cybersecurity measures that allow them to focus on growth and success in a competitive, interconnected market.

Duties and As-Is Situation for Enterprises and SMBs

Transmission of sensitive data over open communication channels carries a high risk of data theft and eavesdropping

Servers, databases and production/operation data are the central IT infrastructure elements of any enterprise. Their protection from unauthorized access is paramount

User devices such as computers, laptops, tablets and smartphones used in the office or at home pose a significant risk to the organization's security and make the system vulnerable to attacks

Unprotected remote access of employees to the corporate data infrastructure is excessively vulnerable and one of the most popular attack vectors for hackers

Project Specification

Endpoint devices like mobile phones, laptops and desktops are most vulnerable to malicious attacks and demand sophisticated protection and real-time cyber threat detection and prevention

Protection and organization of remote access to corporate database and infrastructure

Encrypted transmission for customer, production and sensitive data

Secure voice and video communication for C-level management meetings and negotiations

Comprehensive enterprise network protection against intruders and attackers

Easy embedding of security solutions on top of existing IT network and infrastructure

Project Implementation

1 Internal and external communication and control endpoint devices are hardened and protected against various types of cyber threats such as malware, zero-day exploits, fileless attacks and malicious user behavior

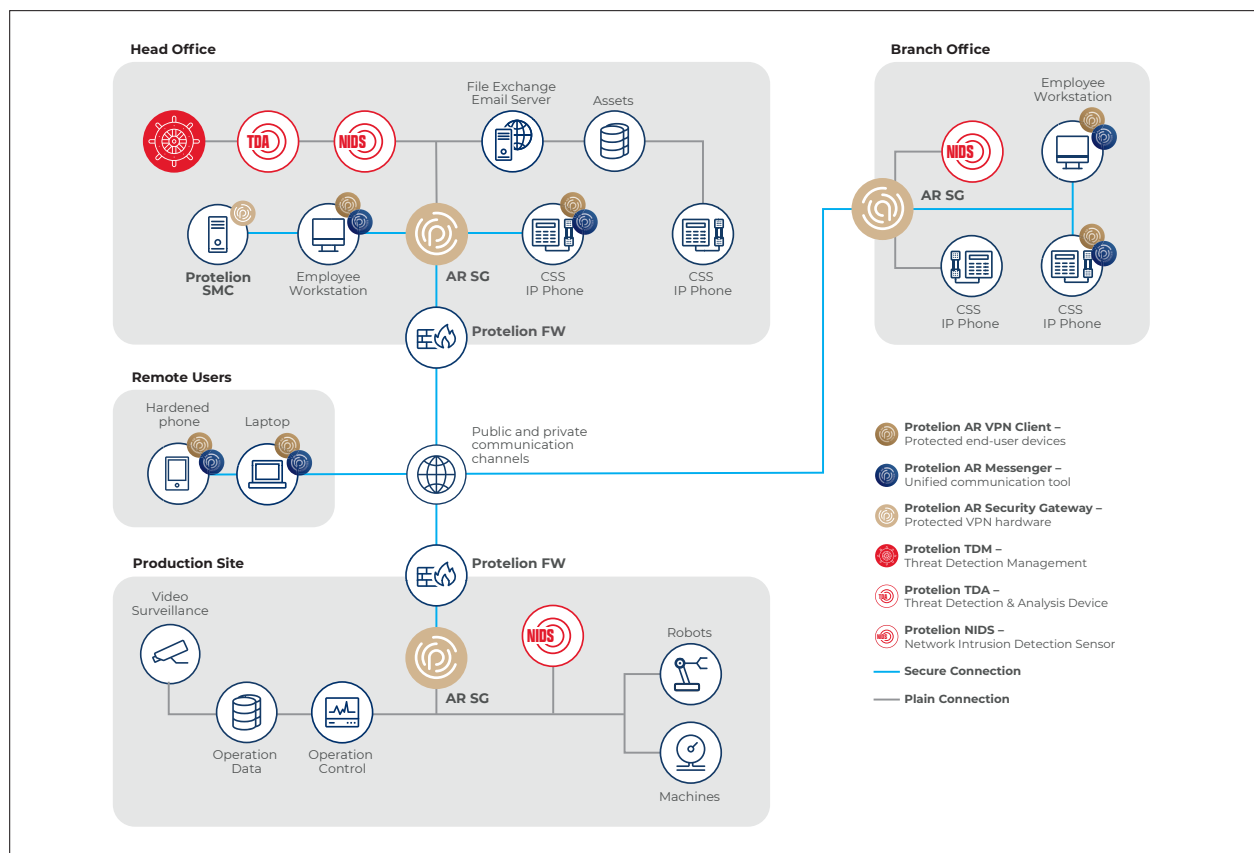
2 All communication and sensitive corporate data are encrypted and can be sent over common public channels and networks. The implemented Protelion Security Solution provides the highest protection against eavesdropping and manipulation and makes therefore cyber attacks useless

3 Confidentiality and integrity of all data transferred between corporate data servers, production/operation sites and employees connected via remote access are established

4 Protelion VPN Security Solutions can be seamlessly integrated into existing IT- infrastructures and satisfy the most stringent functionality, usability, reliability and fault tolerance requirements

5 The implemented Protelion TDR System provides in addition to its generic network monitoring also an increased visibility into the IT environment, allowing the authorized security administrators to identify vulnerabilities and security gaps that can be exploited by attackers and malicious software

Scheme for Enterprises and Small/Medium Businesses (SMBs)



Protelion Features

Customizable Solutions

High flexibility, interoperability and scalability of the Protelion Security Technology make it easy for each individual customer to create an optimal solution on top of its existing IT infrastructure

Certified AES Algorithm

The certified Protelion encryption algorithm is designed to protect highly sensitive and critical data and information. Its security and performance features meet the customer's expectations to the highest degree

Endpoint Protection

All-in-one solution to secure endpoint devices from zero day exploits, unknown malware and internal or external threats. Protelion Endpoint Protection provides high-level security for desktop computers and laptops

Easy to Use

Protelion Security Solutions are designed to be user-friendly, reliable, easy-to-use and compliant with today's General Data Protection Regulations (GDPR), allowing customers to stay focused on their business



PROTELION

Oberwallstrasse 24
D-10117 Berlin

+49 30 206 43 66-0
info@protelion.de

gov.protelion.com
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