



PROTELION

Use Cases

Highly Secure Communication for Police and Special Squads

Today's Police and Special Squads increasingly face cyber threats that put their work and security at risk. Confronted with sophisticated hackers and harmful attacks on essential and critical data, law enforcement IT networks and communication need strong, high-level protection. Protelion offers easy-to-use Security Solutions and services designed to enable Police and Special Squad Teams to operate and navigate safely and protected in today's cyber space. Protelion Security Solutions provide reliable and state-of-the-art tools to keep information and communication lines secure. Trust in Protelion for an advanced, tailored defense strategy that keeps you one step ahead of cyber criminals.

Duties and As-Is Situation for Police and Special Squads

The IT infrastructure used by Police and Law Enforcement includes a variety of subsystems such as video surveillance systems at public places and urban infrastructure as well as cameras at other publicly accessible sites and subways

Radio or GSM communication systems, which are used by police officers to communicate among one another and to field officers on duty in real-time

Police officers have access to databases containing sensitive information on criminal persons and their offenses, missing persons, traffic offenders, etc.

Special Squads use cameras capable of recognizing license plates to track traffic and search for stolen vehicles or vehicles used in the commission of crimes

Project Specification

Establish highly secure encrypted voice, video, email, chat and file sharing communication system for police officers and patrol crews on duty

Provide secure and protected remote database access to sensitive information for officers on the street, patrol crew and police squads from smartphones, tablets and other mobile devices

Due to the critical content of the data and the nationwide spreading of this information within various departments, high-level protection of these assets during transmission and processing between data centers, police stations, patrol crews and special squad units is mandatory

Video footage of public places and building surveillance, personal monitoring and reconnaissance data in particular, are extremely critical and must be protected from recording, alteration and loss to protect individuals and officers

Mobile endpoint devices and laptops are most vulnerable to malicious hacker attacks and demand highly sophisticated protection

Project Implementation

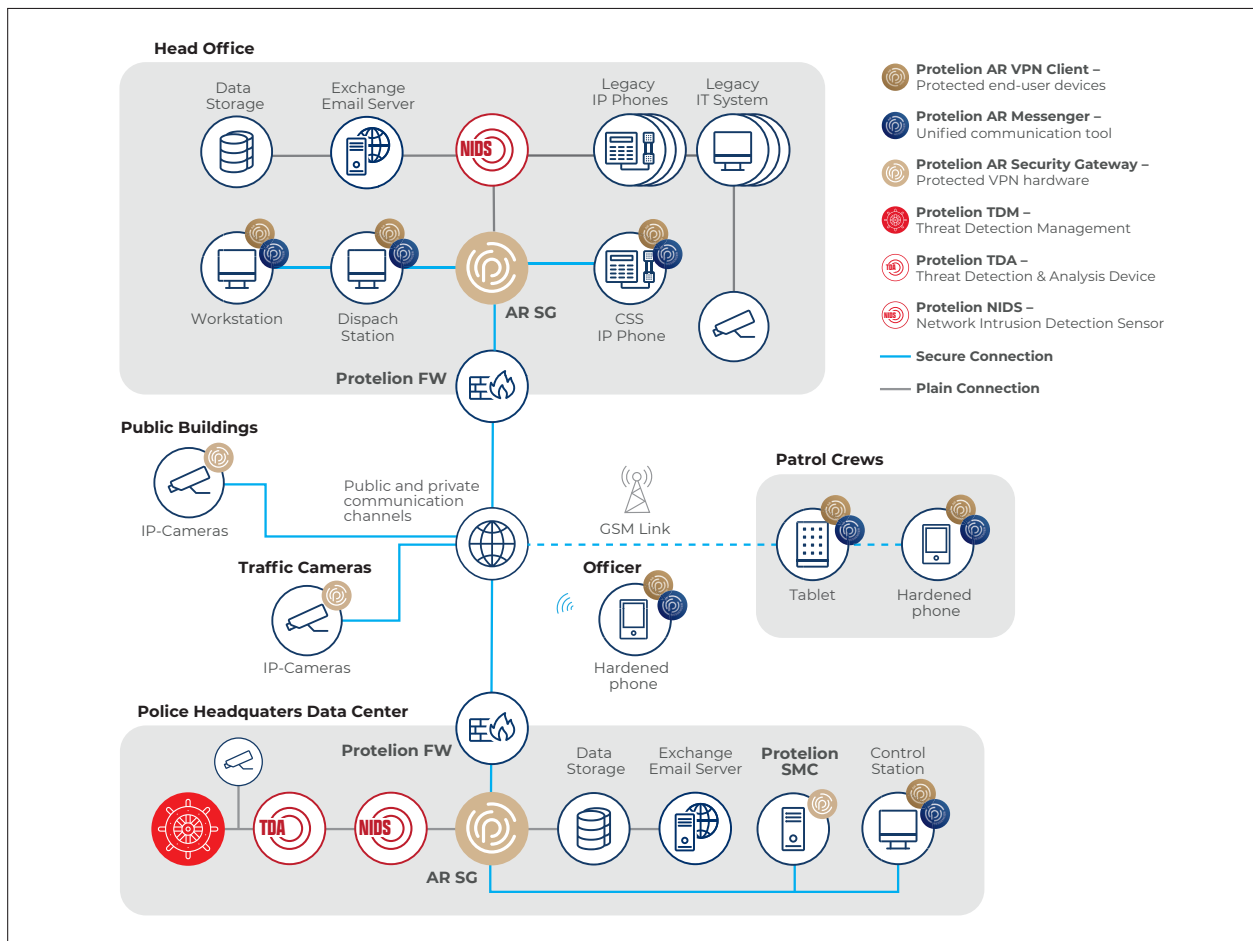
1 All communication and data is encrypted and can be sent over common public channels and IT networks. The implemented Protelion Security Solutions provide the highest protection against eavesdropping and manipulation and makes cyber attacks useless

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

3 Confidentiality and integrity of all voice and video communication, video surveillance data and any data transferred and processed between data centers and different police stations are established

4 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 Police and Special Squads



Protelion Features

Certified AES Algorithm

The certified Protelion encryption algorithm is designed to protect highly sensitive and critical data and voice communication. 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

Use Existing Infrastructure

Protelion Security Solutions can be supplied as a holistic suite or as modules. The solutions do not require the purchase of additional specialized equipment. They are easily and seamlessly installable within existing IT infrastructures

Comprehensive Protection

Protelion Security Solutions offer comprehensive protection against a wide range of cyber threats, using advanced technologies and flexible, modular and cost-effective hardened platforms