



PROTELION

Use Cases

# Highly Secure Communication for Government and International Organizations

Government organizations, NGOs, and international organizations are involved in global trade and commerce development, UN, WHO humanitarian aid, international law commissions and security councils. These organizations hold vast amounts of sensitive information, that is distributed via Internet Protocol (IP) based networks and often relate to matters of life and death. As a result, they are an ideal target for cyber criminals. These organizations have high requirements for keeping classified information available and yet protected. Protelion Security Solutions solve these kinds of tasks and secure digital interactions by protecting all types of IP communication while providing secure access and availability whenever and wherever it is needed.

## Duties and As-Is Situation for Government and International Organizations

Big amount of critical data is transferred globally between different ministries, diplomatic missions and international organization's headquarters

Countless State and UN diplomats, representatives of NGOs and other international organization's employees communicate by phone or email while traveling or moving between countries and work locations

International conferences (WEF), UN sessions, WHO debates, state visits or diplomatic delegation receptions often demand from employees to stay and work outside their normal workspace and therefore need remote access to headquarters, databases and data servers

Worldwide communication and negotiations between international entities by phone, video and conference calls is daily business and of abundant use

## Project Specification

Due to the critical content of the data and the wide spreading of this information, the protection of these assets is mandatory

All written and verbal communication between diplomatic government organizations, NGOs, international agencies and mobile users via public or private network channels need to be highly secured and protected against all kind of malicious attacks

Frequently used remote access to headquarters, databases or data center file servers must be highly protected to prevent any data theft, manipulation or disclosure of them

Especially security systems have to be maintained and updated regularly to deliver the highest possible performance and safety. Therefore, controlled and secured update and actualization procedures need to be implemented

# Project Implementation

**1** Protelion VPN Technology protects organization networks from unauthorized access to data and information servers and critical assets when accessed via remote connections

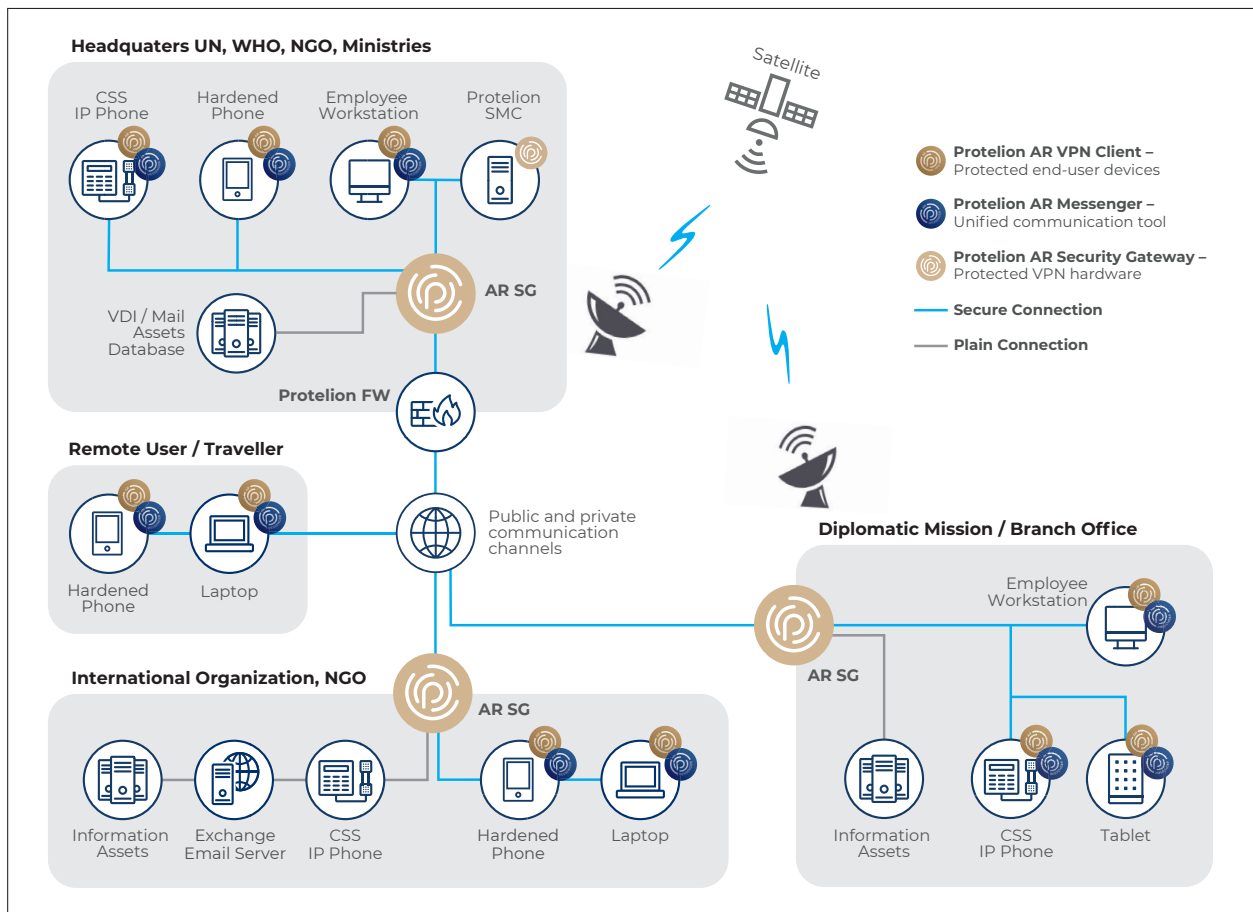
**2** All communication and data are encrypted and can be sent over common unsecure public channels. The Protelion Security Solutions provide the highest protection against cyber attacks, eavesdropping and guarantee confidentiality, integrity and secure operation of the organization's communication networks

**3** Protelion VPN Technology can be seamlessly integrated into an existing infrastructure and satisfies the most stringent functionality, usability and fault tolerance requirements

**4** Endpoint devices are protected against various types of cyber threats such as malware, zero-day exploits, fileless attacks and malicious user behavior

**5** Comprehensive knowledge transfer to security and technical personnel as well as awareness courses and education to employees

## Scheme for Government and International Organizations



## Protelion Features

### Comprehensive Protection

Protelion Security Solutions offer comprehensive protection against a wide range of cyber threats, using advanced technologies like machine learning and artificial intelligence to detect and respond in real-time and minimizing thereby the impact of cyber attacks

### 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

### Endpoint Protection

All-in-one solution to secure different 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

### Certified AES Algorithm

The implemented and certified Protelion encryption algorithm is designed to protect top secret data and voice communication. Its security and performance features meet the customer's expectations to the highest degree