



**Kaspersky®  
Private Security  
Network**

# Real-time, cloud-assisted cybersecurity for privacy and compliance-restricted networks

Complex and focused threats tend to inflict incomparably greater damage than mass malware can generate. In the face of such threat environment, the value of the security intelligence delivered by Kaspersky Security Network cannot be overestimated. Using real-time data from 40 million sensors globally, every object passing through protected by Kaspersky Lab solutions is subject to analysis based on the most relevant threat intelligence. The highest accuracy of the information is ensured through interaction between machine learning technologies, big data analysis and leading researchers: Kaspersky HuMachine technology. This maintains a consistently high level of protection against real-world, real-time cyber threats.

Kaspersky Private Security Network, allows enterprises to take advantage of most of the benefits of global cloud-based threat intelligence, without releasing any data whatsoever outside their controlled perimeter. It's an organization's personal, local and completely private version of Kaspersky Security Network.

## **Kaspersky Private Security Network is ideal for:**

- Enterprises with strict data access control requirements
- Government agencies
- Telecommunications companies
- Manufacturers and utilities providers with physically isolated networks
- Critical infrastructures
- MSSPs and other service providers

## **Business Benefits**

- Empowering optimum detection of malicious objects
- Real-time access to threat and reputation statistics
- Counteracting the spread of malicious software
- Reducing risk and minimizing the damage from cybersecurity incidents
- Reducing the risk of false positives
- Allows the addition of your own malicious 'verdicts' for customized security
- Supports full compliance with regulatory requirements for the security of isolated

## **All the benefits of cloud-assisted security – without the need to share information outside the controlled infrastructure**

- Enables you to harness the power of cloud intelligence without the need to transfer data outside the organization
- Helps enable the exceptionally high detection rates and low number of 'false positives' for which Kaspersky Lab security solutions are so widely known
- Designed for full compliance with regulatory and security standards
- Real-time awareness of the latest, most sophisticated attacks, delivered within your controlled, local network
- Integration with third party applications via HTTP protocol
- Adapt for critical networks isolation – including 'air gap' requirements
- High availability and clustering
- Flexible deployment options

## **True Cybersecurity**

While the demand for cloud assisted security for critical and isolated networks is growing, most solutions are using 'caching proxies', limited data or predefined reputation databases without updates. Kaspersky Private Security Network is unique in its ability to deploy the cloud-based security entirely locally, within the organization's own data center and involving zero outbound transactions with third-party servers.

## Kaspersky Anti Targeted Attack support.

To work correctly with the Kaspersky Anti-Targeted Attack Platform solution, KPSN requires additional data to be placed on an additional dedicated server, similar to the basic configuration.

### Solution requirements:

To install KPSN, a dedicated server with the following specifications is required:

### Hardware requirements

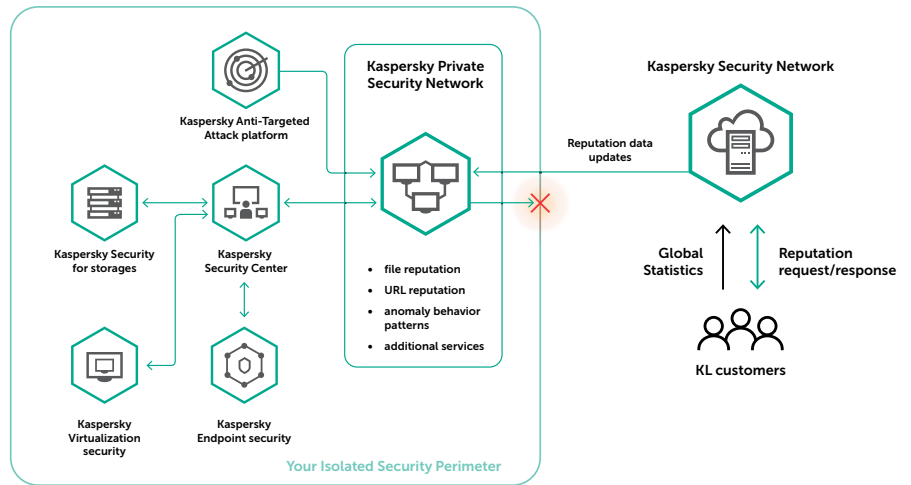
- 8-core 2 GHz processor
- 96 Gb RAM
- 500 Gb SSD
- Internet throughput 100 Mbit/s

### Software requirements

- RHEL 7.2
- CentOS 7.2
- Browser: Google Chrome, Mozilla Firefox or Opera
- JAVA-plugin 7 or higher

## How it works

Kaspersky Private Security Network can be installed within your own data center; your in-house IT specialists retain complete control. So your IT infrastructure and SOC can enjoy all the benefits of cloud-assisted security without compromising on privacy, and in compliance with regulatory requirements requiring that no item of data leaves your perimeter.



## File Reputation Service

This service provides information about the reputation and categorisation of files to your Kaspersky Lab security solutions

## URL Reputation Service

This service provides information about the reputation and category of websites to Kaspersky Lab security solutions

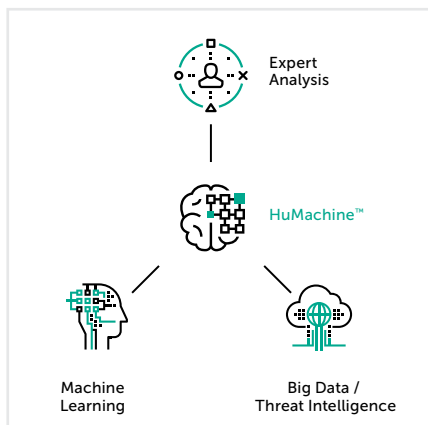
## Anti-Spam

Anti-Spam delivers statistical data for protection against spam

## Anti-APT

If you are running Kaspersky Anti Targeted Attack platform this component supports KPSN with data on the reputation of IP addresses and domain names for rapid detection of targeted attacks and advanced threats

The highest accuracy of the information is ensured by the well-oiled mechanism of interaction between robots and experts: Kaspersky HuMachine technologies. For any organization it is essential to ensure the Best Possible Outcome in any situation, and Kaspersky Security Network, together with its "private" version KPSN, effectively serves to achieve this goal.



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#truecybersecurity  
#HuMachine

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