NET PROTECTOR
Endpoint Security

NP AV

Endpoint Security (EPS) Enterprise

More Secure and More Advanced

Easy and complete Endpoint Security solution for Desktops, Servers, Laptops, and mobile devices. Endpoint security forms part of a broader cyber security program that is essential for all businesses, regardless of size. It has emerged from traditional and secure NPAV antivirus software for comprehensive enterprise-grade prevention, detection, response, and threat hunting with advanced technology tools and solutions.

Why is Endpoint Security Important?

Due to new emerging cyber threats, cyberattacks, the drastic change in digitalization and usage of the internet, and businesses leaning towards remote operations for these, the traditional way of protection and endpoint security is not sufficient.

Every device that employees use to connect to business networks represents a potential risk that cybercriminals can exploit to steal corporate data. These devices, or endpoints, are rapidly increasing and making the task of securing them more difficult. It is therefore vital for businesses to deploy tools and solutions that protect their cybersecurity front line.

NPAV Endpoint protection offers a centralized management console to which organizations can connect their network. The console allows administrators to monitor, manage, investigate, and respond to potential cyber threats. This can either be achieved through an on-premise, cloud, or hybrid approach:

On-premise

An on-premise or on-location approach involves a locally-hosted data center that acts as a hub for the management console. This will reach out to the endpoints via an agent to provide security.

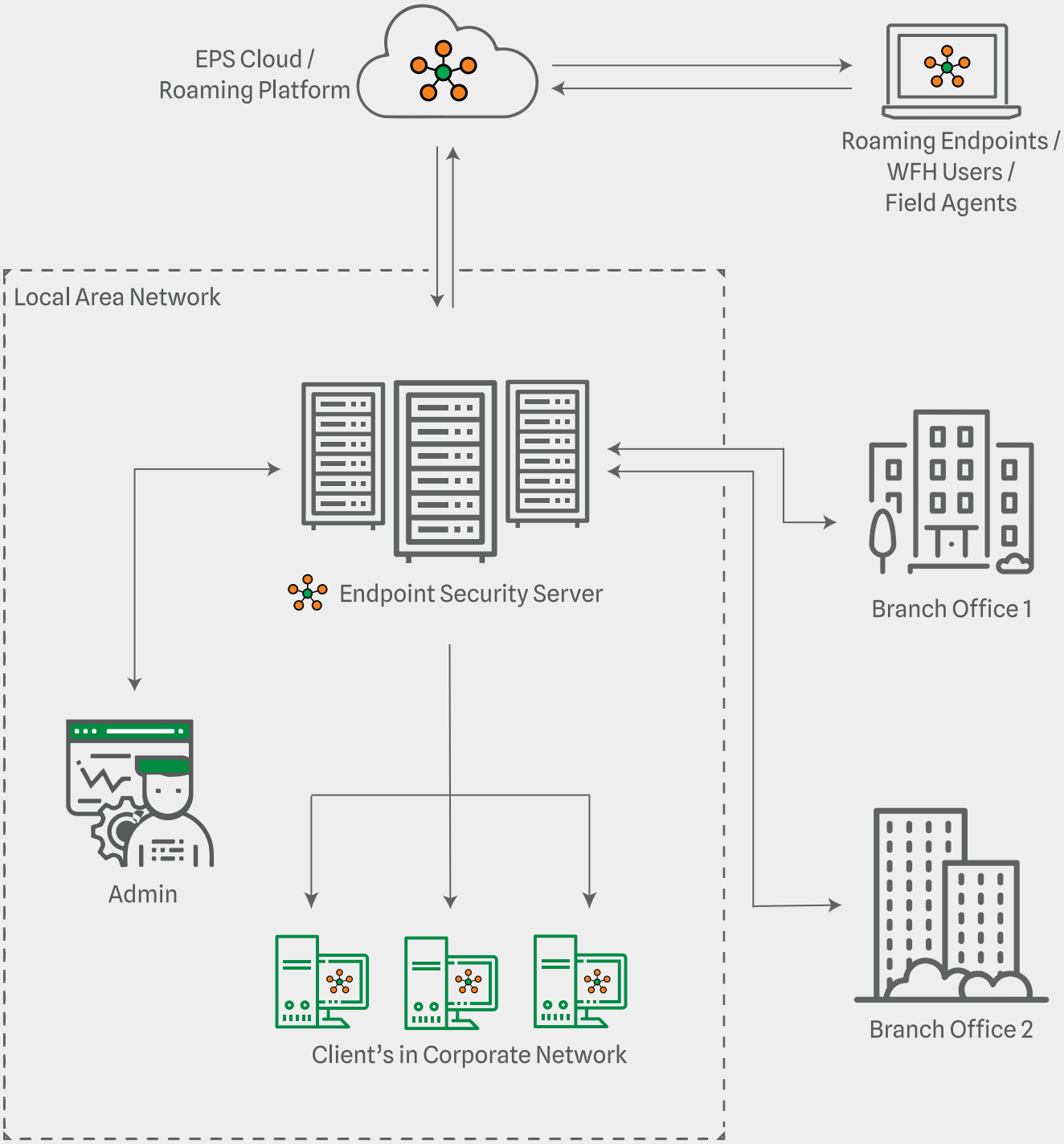
Cloud

This approach enables administrators to monitor and manage endpoints through a centralized management console in the cloud, which devices connect remotely. Cloud solutions use the advantages of the cloud to ensure security behind the traditional perimeter, so it is better to manage the roaming endpoint laptops or "work from home" nodes.

Hybrid

A hybrid approach mixes both on-premise and cloud solutions. This approach has increased in prevalence since the pandemic has led to increased remote working.

Endpoint Security (EPS) Network Flow Diagram



Key Features of Endpoint Security (EPS)

Cloud Based Endpoint Security Console

Ease of access increased exponentially as you can now manage the admin console from anywhere. Secure and reliable device independent access allows the admin to access the console from any internet-enabled PC/Mobile/Tablet.

Centralized and Real-time Administration

Web-based console with graphical dashboard for Network Endpoints Statistics, Security health status, Endpoints vulnerability, Statistics of Clients, Update and Threat status, etc.

Multilayered Protection

Protection against all types of viruses, and malware. Anti-Ransomware Shield to protect from ransomware attacks, Web protection shield for phishing and malicious and blocking unwanted sites, advertise blocking shield for Adware & saves internet bandwidth, CPU, Memory, etc.

Anti-Phishing

Blocks fraudulent bank look-alike pages & login credential stealing links.

IDS/IPS

The IDS/IPS actively detects and blocks malicious network activities that exploit application vulnerabilities on managed endpoints. It monitors both inbound and outbound traffic based on predefined rules and provides real-time alerts for potential threats, such as port scanning and Distributed Denial of Service (DDOS) attacks, ensuring enhanced network security.

Advanced Device Control

Advanced Device Control provides comprehensive access control and monitoring for multiple device types, including workstations, USBs, Bluetooth, and other portable devices. It supports offline enforcement and forensics, allowing device usage

Application Control

View and Manage running processes. Transfer, Install the software, or run applications and patches on clients easily. Kill, Block, and Unblock Processes of clients on a single setting. 3rd party app remover.

Data Backup

Manage client data backup from the server. Data backup will protect the client's data from all kinds of ransomware attacks. The backup will be secured and will remain to be corruption free.

Easily Manage & Control Network Protection

View Protected and Unprotected Client PCs in the network. Launch scanning and updates from the centralized management console.

Firewall

Monitors inbound and outbound network traffic administrator can easily add and manage rules for the network traffic based on the connecting ports, IP, Application, etc.

Traffic monitoring

The administrator can monitor the Internet Traffic over the LAN with the help of Advanced graphical charts.

Vulnerability Scanner

Scans & lists exposed areas of all network endpoints and roaming devices.

Web Protection

Blocks unwanted sites, videos, MP3s, and Torrents & increases the productivity of endpoints.

Low disk space email alert

Get Low disk space alerts on WhatsApp and mail provided by the admin.

System Tune-Up

System tune-up utility which digs deep into your computer and fixes trouble areas. It performs several functions, including defragmenting your PC's hard drive, repairing the incredibly problematic Windows Registry, and freeing up disk space by deleting useless and duplicate files. Scheduled tune-up and monthly disk check.

File Sharing Activity

EPS comprises a File Sharing & Activity Monitoring feature that efficiently monitors and logs the activity of managed endpoints. File monitoring feature with deep inspection monitors and records access to shared files with details such as user names, file names, and client IP addresses.

Session Activity

Session activity records details of log-in, log-out, remote desktop, start, and shut down activity with a single setting from the EPS admin console to managed clients.

Data Loss Prevention

Monitoring confidential and user-defined data shared through removable drives, network, and browser applications with the snapshots from endpoints while data breaches occurred.

User Activity Monitor

Monitor user activity using user browsing content.

Patch Management

Centralized patch management solution to patch vulnerabilities of Microsoft and third-party applications.

Printer Activity Monitor

EPS comprises of print Activity feature that efficiently monitors and logs printing tasks done by the managed endpoints with all necessary details such as the number of copies, document name, date time, IP, machine name, etc.

Offline Updates - Weekly

You can download the Net Protector Endpoint Security server and client updates and patches from our website and apply them on the server machine. The clients will automatically pull the updates from the server over your LAN without the need for the internet on the server or clients. This feature is very useful for Government or Defense organizations.

Push Installer (Remote Install)

You can scan for all protected and un-protected PCs in the network and then push the installation to the client PCs. This feature is very useful for managing a large count of PCs.

Totally Offline Installation & activation of Server and all Clients

The server and clients can be installed without any internet connection.

Remote Data Wiper

It deletes data in selected folders and repeatedly overwrites stored data to prevent recovery using recovery software or forensic image, meaning that it is no longer of any use to anyone. For securely shredding files and folders on the computer using multiple shredding algorithms up to 7 passes.

Disk Encryption

NPAV Disk encryption Feature includes file level, folder level, volumes level, and full disk Encryption. If an encrypted disk is lost, stolen, or placed into another computer, the encrypted state of the drive remains unchanged, and only an authorized user can access its contents using the password. NPAV Disk Encryption is amazing and reliable Feature that helps you fully secure your data.

Global Threat Intelligence

Expertise and analysis concerning worldwide cyber security threats, Advanced Persistent Threats (APTs) encompassing insights into emerging risks, advanced attack vectors, and strategic defense measures.

Advanced protection against file attachments

There are several layers of security measures to detect and mitigate data theft and threats associated with Data Leakage Prevention and malicious files that are uploaded to browsers, network share, Web mail, POP3/SMTP and USB drives.

Advanced ML and AI interaction

Antivirus software leverages advanced machine learning and artificial intelligence algorithms to dynamically analyze file behavior, identify patterns indicative of malware, and proactively defend against evolving threats. This intelligent interaction enables real-time threat detection, rapid response to zero-day attacks, and continuous adaptation to emerging cyber security challenges, ensuring robust protection against sophisticated malware and cyber threats.

Endpoint forensic

Cyber security involves investigating and analyzing digital evidence on individual devices (endpoints) to understand and respond to security incidents or breaches. It includes techniques such as data collection, analysis, and interpretation to identify the cause, scope, and impact of security incidents on specific endpoints. This process helps in remediation, threat hunting, and improving overall cyber security posture by uncovering vulnerabilities and mitigating future risks at the device level.

SIEM Integration

SIEM integration enables the aggregation of security data from diverse sources such as firewalls, IDS/IPS, antivirus systems, and logs into a central SIEM platform. This allows for real-time monitoring, threat detection, and incident response, providing organizations with a unified view of their security posture and enabling proactive defense against cyber threats through advanced analytics and correlation of security events.

Update manager

Supports multiple update servers to ensure continuous and reliable delivery of security updates and patches. This configuration enhances the resilience and efficiency of your endpoint protection strategy.

Asset Management

The Asset Management feature allows organizations to collect comprehensive system information related to endpoints, including both software and hardware details. It tracks changes such as softwares installed or changed, as well as any hardware changes. Additionally, it provides insights into system activity by capturing the system turn-on and shutdown times, helping to ensure accurate monitoring of endpoint usage and changes over time.

Advanced Memory Protection

This feature provides robust memory protection, offering multilayered defense against all types of viruses. It detects and blocks ransomware using heuristic analysis, ensuring advanced protection against fileless attack methods that exploit system memory, safeguarding endpoints from sophisticated threats.

Two Factor Authentication (2FA)

Enhance your account security with Two-Factor Authentication (2FA), which requires a second verification step. Even if your password is compromised, 2FA prevents unauthorized access and keeps your data safe.

Network Access Control

Secure your network with Network Access Control (NAC), ensuring that only authorized devices and users can connect. NAC enforces security policies, blocks unauthorized access, and prevents potential threats from compromising your network.

Live Chat and Remote Desktop Viewer

System Admin can view the desktop of the client PC remotely with a single click. Live chat with clients. Also can send the critical announcement to clients by the type of notification the admin wants to send.

Password Management

We secure and automate the process for managing local administrative passwords on endpoints, admin can set the endpoint's password from anywhere with one click. Easy to view previous password history.

Mobile Device Management for Android

You can efficiently secure and manage Android devices like mobiles, tablets and interactive panels with NPAV's Mobile Device Management (MDM) solution. Enforce security policies, control app installations, track device location, and remotely wipe data to prevent unauthorized access. Ensure compliance, streamline device management, and enhance productivity with a centralized and user-friendly control panel.

EPS - Product Edition & Feature Comparision

NPAV Endpoint Security Features	Professional for SME	Advanced for Business	Total	Enterprise	EDR
Antivirus & Anti-Malware	✓	✓	✓	✓	✓
Anti-Ransomware Shield	✓	✓	✓	✓	✓
Anti-phishing	✓	✓	✓	✓	✓
Email Protection - Spam Protection	✓	✓	✓	✓	✓
Firewall Protection	✓	✓	✓	✓	✓
IDS / IPS	✓	✓	✓	✓	✓
Instant Messaging Protection	✓	✓	✓	✓	✓
OS Vulnerability Scanner	✓	✓	✓	✓	✓
Roaming Platform	✓	✓	✓	✓	✓
Artificial Intelligence	✓	✓	✓	✓	✓
Asset Management - Hardware & Software Change Report		✓	✓	✓	✓
Email/SMS Notification		✓	✓	✓	✓
Web & Browsing Protection		✓	✓	✓	✓
LAN Monitor		✓	✓	✓	✓
Advertise Blocker		✓	✓	✓	✓
Advanced Device Control		✓	✓	✓	✓
SIEM Integration		✓	✓	✓	✓
Data Backup		✓	✓	✓	✓
Application Control - Block List & Safe List			✓	✓	✓
System Tunner			✓	✓	✓
Patch Management			✓	✓	✓
File Activity Monitor			✓	✓	✓
Session Activity Monitor			✓	✓	✓
Web Filtering & Category Control			✓	✓	✓
Password Management			✓	✓	✓
Traffic Monitor				✓	✓
Printer Activity Monitor				✓	✓
Data Loss Prevention (DLP)				✓	✓
YouTube Access Manager				✓	✓
Google Login Management				✓	✓
Live Chat and Remote Desktop Viewer				✓	✓
Disk Encryption				✓	✓
IT Ticket System				✓	✓
Endpoint FastQueryX					✓
Realtime IoC Hash and URL Blocking					✓
Endpoint Threat Scan					✓
Pre-Attack Surface Reduction					✓
Network Service & Process Management					✓

System Requirements

EPS Server

Component	Minimum Requirement
Operating System	Windows Server 2022 / 2019 / 2016 /2012 / 2008 / 2003
Processor	~ 500Mhz or Faster
RAM	~ 4 GB
Hard Disk	~ 256 GB
Browser	Chrome, Internet Explorer, Firefox, Opera, Edge and Safari with latest updates
Additional Software	Dot Net Framework
Internet Connection	For EPS Server System only

EPS Client

Component	Minimum Requirement
Operating System	**Windows** : Windows 11/ 10 / 8.1 / 8 / 7, Vista, & XP **Mac** : macOS 10.12 and later **Linux** : Ubuntu 16.04 and later, RHEL 7.6 and later, Fedora 32 and later, Debian 9 and later, CentOS 7.8 and later, Suse 12.0 and later Boss 7 and later **Android** : Android version 9.0 to 15.0 Mobile Device Management for Android - MDM Mobile, Tablets & Interactive panels
Processor	~ 500Mhz or Faster
RAM	~ 2 GB
Hard Disk	~ 256 GB
Browser	Chrome, Internet Explorer, Firefox, Opera, Edge and Safari with latest updates

Certifications

For free demo visit: www.adminconsole.net

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