

Catalogue of Network Security Devices



AI Overview

Network security devices encompass a wide range of hardware, software, and cloud-based solutions designed to protect networks from cyber threats, unauthorized access, and data breaches.

Types of Network Security Devices

- 1. Firewalls** Firewalls are the first line of defense, controlling incoming and outgoing network traffic based on predefined security rules. Next-Generation Firewalls (NGFWs) offer advanced features like application awareness, deep packet inspection, and centralized management, providing protection against sophisticated threats (Result).
- 2. Intrusion Detection and Prevention Systems (IDS/IPS)** Network-Based IDS (NIDS) monitors network traffic using sensors to detect suspicious activity. Wireless Intrusion Detection and Prevention Systems (WIDPS/WIPS) monitor wireless networks for rogue access points, MAC spoofing, and unauthorized devices, alerting administrators and blocking threats (Result).
- 3. Email Security Gateways** These devices filter incoming and outgoing emails to block spam, phishing, malware, and compromised accounts. They can be hardware-based or cloud-integrated, using statistical analysis and historical data for anomaly detection (Result).
- 4. Network Access Control (NAC)** NAC solutions enforce security policies by allowing only authorized devices, users, and applications to access the network. Non-compliant devices are denied access, ensuring regulatory compliance and reducing vulnerabilities (Result).
- 5. Virtual Private Networks (VPNs)** VPN devices and software create secure, encrypted tunnels for remote access, protecting data transmitted over public networks. They are essential for remote work and cloud-based services (Result).
- 6. Load Balancers** Network Load Balancers (NLBs) distribute traffic across multiple servers to ensure high availability and low latency, while maintaining security by preventing overload attacks (Result).
- 7. Endpoint Protection and Monitoring Tools** These include antivirus, anti-malware, and endpoint detection and response (EDR) solutions that monitor de...

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Product Catalog

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What Are Network Security Devices? Types and Guide

Secure your network with the right devices. A guide to firewalls, IDS/IPS, SIEM, and how identity governance fits in the picture.

Network Security Devices Explained: Types, Examples ...

Network security devices are hardware or virtual appliances designed to protect computer networks from unauthorized access, data breaches, and cyberattacks. They include firewalls, intrusion prevention

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Advisory DefinitionsCybersecurity AdvisoriesIndustrial Control Systems Advisories

Top 16 Network Security Devices [Updated 2025]

Explore essential network security devices—firewalls, IDPS, VPNs—for a robust defense-in-depth strategy to safeguard against evolving

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Top network security devices include those from brands like Palo Alto Networks, Fortinet, and Cisco. When assessing network security devices,

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The Most Common Types of Network Security Devices

What are the different types of network device security? While there are multiple ways to categorize the various network security components, some

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List Of Network Security Devices

This article provides an extensive overview of the different types of network security devices, their functions, and the roles they play in safeguarding digital environments.

Comprehensive Guide to Networking Devices in Cybersecurity ? Real

This blog explores essential networking devices, including firewalls, IDS/IPS, VPNs, NAC, SIEM, WAFs, and network analyzers, explaining their real-time applications and importance in

What Are Network Security Devices? Types and Guide

What Are Network Security Devices? Network security devices are specialized hardware, software, or cloud-based appliances that monitor, filter, and control traffic between

Top 16 Network Security Devices [Updated 2025]

In this article, we will explore common types of network security devices, appliances and technologies that form a robust, multi-layered security strategy, including firewalls, intrusion

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Product Catalog

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List Of Network Security Devices

List Of Network Security Devices In the ever-evolving landscape of digital technology, network security has become a paramount concern for organizations of all sizes.

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Search through the following alphabetical list to find a Cisco hardware, software, or module and interface card product that suits your needs.

Network Security Devices Explained: Types, Examples ...

Explore the most important network security devices—firewalls, intrusion prevention systems, VPNs, and more. Learn how each protects your business network and keeps your data secure.

Network Security Devices

Network Device Backup and Recovery What are the types of Network Security Devices? It is dangerous to rely on a single line of defense. A

Network critical equipment and network security dedicated product catalog

It is a gateway-type device or system that comprehensively defends against security threats to the network and application systems through the unified deployment of security policies and the

Network Security Devices Guide | The Connectivity Center

Discover essential network-security devices — firewalls, intrusion detection systems, VPNs & more hardware to protect your network and data integrity.

SP 800-53 Rev. 5, Security and Privacy Controls for Information

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B2B Integration Platform & Supply Chain Solutions

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Top Network Security Devices for 2025

Explore the top network security devices for 2025 and keep your business safe from online threats.

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For more information, pricing, or custom solutions, please contact us:

Website: <https://araziyahsafety.co.za>

Email: info@araziyahsafety.co.za

Phone: +27 72 418 3692

Address: 123 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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