

# Conventional Network Security Equipment



## Overview

Network security devices are hardware or virtual appliances designed to protect computer networks from unauthorized access, data breaches, and cyberattacks. These devices are designed to monitor network traffic, analyze data flow, and block harmful activities to ensure the integrity and confidentiality of. Network Security devices are typically physical or virtualized hardware appliances, with vendor specific software installed. Occasionally, businesses purchase commodity server hardware and install custom software to create their own network security device. Types of IDS: Network-based IDS (NIDS): Monitors entire network. Virtual Private Network (VPN) Appliances Business VPNs create secure, encrypted tunnels between networks, allowing users to connect remotely to a corporate network and access resources securely. VPNs are commonly used for remote access, telecommuting, and branch office connectivity.



## Article Content

### Guide to Security Devices in Networking for Beginners

Explore essential security devices in networking with this beginner's guide, covering firewalls, VPNs, IDS, IPS, and more.

### What is network security? Definition and best practices

Network security is a critical part of overall IT security. Learn how it works, the various tools available, benefits it provides and challenges it poses.

### What Is Network Security? Definition, Controls, and

What is Network Security? Network security is a practice that combines technologies and processes that protect data as it moves across networks and safeguard the

### Network Security

Between sophisticated cybersecurity threats, hybrid environments, ransomware, malware, and personal devices, network security needs a new approach.

### 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

### Network Equipment Selection Guide: Types, Features,

Network equipment is used to combine, split, switch, boost, or direct packets of information along a computer or telecommunications network. This product area

### Network Security Devices Explained: Types, Examples ...

Network security devices provide automated functionality that can help stop network-based cyberattacks. In this post, we'll look at a variety of common network security devices and explore

### 18 Types of Network Security Solutions to Implement

In this article, we'll explore the most common types of network security devices used in modern cybersecurity environments and how each contributes to

### ESTABLISHING NETWORK EQUIPMENT SECURITY

But network architects can often overlook the fact that the networking equipment itself can be attacked. Ensuring these devices are resistant to attacks is just as important as conventional security

### 14 Network Security Tools and Techniques to Know

Discover how essential network security tools work together to identify cyber risks, respond to attacks, and build a more formidable network for the future.

### 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

### Network Security 101: Understanding the Basics

Learn how to secure your growing network against evolving threats with network security 101. Understand the basics with this comprehensive guide from NordLayer.

### Network Infrastructure Security: Definition, Types, Benefits

Our latest blog post explains how network infrastructure security works and shows how to protect your networking equipment from both external

### Securing Network Infrastructure Devices

Learn about the threats and risks associated with network infrastructure devices and how you can protect your network from cyber-attacks.

### Choosing the Right Security Equipment for Your Network

Choosing the Right Security Equipment for Your Network | January 31st, 2019  
Network security is crucial for businesses of any size. Cyber threats are continually evolving, and

### Which Devices Are Specifically Designed For Network Security

This article explores various devices specifically designed for network security, their functionalities, the types of threats they combat, and how they can be integrated into a

### Understanding Network Security: Tools & Protection | IR

Network security is vital in protecting your networks from threats such as data breaches or intrusions. Find out about the types of protection available.

### Guide to Network Security Best Practices | Netwrix

Follow these network security best practices to strengthen your network against cybersecurity threats and protect your data. Get the free guide here.

### What is network security?

What is network security? Network security combines policies and technologies to protect systems and digital assets from unauthorized access, misuse, and

### Common Types of Network Devices and Their Functions

Common types of network devices include repeater, hub, bridge, switch, routers, gateway, brouter & network interface card. Learn more about

### 10 Best Network Security Appliances (May 2026) Reviews

Discover the best network security appliances for 2026 with our expert reviews. We tested 10 top firewalls, VPN gateways, and UTM devices for performance and value.

### A Framework and Comparative Analysis of Control Plane Security of

We aim to address the gap by a comparative security assessment of conventional and SDN networks. Rather than a security analysis of all aspects, we focus on control plane security, since it is in their

### Network Security 101 - Definition, Types, Threats, and

As society evolves more and more towards the dynamic workplace, the modern enterprise is faced with increased network security risks. How can

### Examples Of Network Security Devices

While much of network security is digital, physical security devices remain an essential aspect of overall security. Physical security controls help protect equipment, data centers, and other

### Top 5 Network Security Solutions: A Complete Guide for

Explore the top 5 network security solutions to protect your business in 2025. A simple and complete guide for all.

### What Is Network Security? Definition and Security

Learn what network security is, how it works, and what strategies companies use to keep network data, traffic, and resources safe.

### What is network security?

Network security is a field of cybersecurity that's specifically focused on protecting computer networks and communication systems from internal and external

## Contact Us

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