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infoSDWAN

Next-Generation Corporate Network



infocom.ua

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CORPORATE NETWORKS

The foundation of every information infrastructure is the corporate network, which enables the creation of a unified information space within a company or organization, linking geographically distributed departments. With the daily increase in the use of digital technologies and their growing role in business operations, the ability to scale quickly and the reliability of the corporate network are not just desirable properties but a critical necessity that directly impacts all production, financial, organizational, and other processes within the company.



infoSDWAN







Web Page

CORPORATE NETWORK BASED ON SD-WAN TECHNOLOGY

SD-WAN technology, or Software-Defined Wide Area Network, is an evolutionary development in the organization of corporate networks. It simplifies the process of building networks, reduces costs, shortens deployment time, enhances reliability, and improves management, control, and monitoring functions.



The transition from corporate networks built on MPLS (Multiprotocol Label Switching) technology to SD-WAN networks is currently one of the most popular global trends in the field of networking technologies. MPLS VPN has been the traditional technology for building closed corporate networks, used for connecting company offices and providing centralized Internet access for over two decades. However, with the rapid development of cloud technologies, e-commerce, and the nearly complete digitalization of processes across various industries, the networking requirements of many companies have changed. SD-WAN technology, with its clear advantages, has become an increasingly attractive alternative.

-  The SD-WAN corporate network is deployed based on Internet access. The deployment involves delivering equipment to the customer's offices, which is connected to one or more Internet access channels from different providers. This, in turn, ensures additional redundancy and significantly increases reliability. After connecting to the Internet, the necessary settings are automatically downloaded from the infoSDWAN service controller, and the equipment is integrated into a single corporate network. The deployment time for such a secure network typically does not exceed a few days and largely depends on the delivery time of the required equipment by courier services.
-  The infoSDWAN service enables the rapid organization of secure remote access to the corporate network for employees who need to work outside the office. To do this, it is enough to install special software on the employee's computer or laptop, which requires no configuration. All that is needed is to enter the username and password provided by Infocom, which are "linked" to your network. The program will then automatically receive all necessary settings and grant the corresponding access.
-  The SD-WAN network's management and monitoring system constantly checks the connection quality for delays and packet loss. If the connection quality deteriorates, the system automatically adjusts the data transmission route and duplicates the data, significantly reducing the likelihood of data loss. The intelligent load-balancing system for communication channels ensures optimal resource usage, providing high-quality performance for applications and services.
-  The infoSDWAN application control system database contains information on over 5000 existing applications, allowing it to automatically or according to predefined settings monitor their performance, prioritize, and accelerate critical applications. An example would be when the control system, in the case of insufficient channel resources, automatically pauses or slows down the access speed for secondary processes while a prioritized video conference is in progress.

SD-WAN is a modern technology that offers numerous advantages over traditional WAN solutions, including the following:

- **INCREASED PERFORMANCE**
SD-WAN ensures automatic rerouting of traffic between any available communication channels, including MPLS and mobile Internet. This increases your network's performance and ensures maximum service availability.
- **FLEXIBILITY AND SCALABILITY**
SD-WAN allows new branches, offices, or users to be added with minimal effort. The network scales easily in response to changes in your business needs, enabling quick adaptation to the growth or change in your company's size.
- **CENTRALIZED MANAGEMENT**
A corporate network built on SD-WAN technology has a single management point, making it easy to quickly configure network rules, resolve issues, and ensure security.

infoSDWAN Service Features:

- Your corporate network as a service anywhere in Ukraine and the world
- Secure and fast connection to your cloud services
- Ability to quickly change the number of connected branches, offices, or workstations, both for expansion and reduction
- Optimization and full predictability of your expenses
- The option to add information security services at a unique price
- 24/7/365 support