

## COMMUTATOR OF THE CISCO SYSTEM. DESIRABILITY OF THEM USE

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**Cisco** is a recognized leader in network technology. From the beginning, Cisco has not only become a leader in the development of Internet Protocol (IP) - based network technologies but has also initiated many historical changes in technology. Cisco maintains leadership in a variety of segments, such as routing, switching, unified communications, wireless, and security.

The equipment it produces is designed to address a broad range of issues, such as the transmission of voice data and information, video images on the scale of global and local networks. Excellent A feature of Cisco equipment is flexibility in setup, increased productivity, safety and reliability. At the heart of each Cisco devices are a

Cisco iOS operating system that handles both inbound and outbound device.

**Types of Network Devices:** Cisco Router; Cisco switches; Cisco adaptive security solutions.

**Commutator**, also called switches, as well as bridges, operate at the channel level of the OSI model and are used for partitioning local area network into segments, as well as combining the resulting segments and small local area networks. Switches contain a large number of ports, have high performance and can not only be divided into network segments but also differentiate message flows between different network nodes.

### **Advantages of using CISCO commutator:**

- High-quality customer service
- Excellent service and access levels
- Reduction of resource consumption and electricity costs
- Adaptation to changes in business and IT
- Safety and compliance
- Excellent investment protection

Conclusions. Thus, Cisco commutators are complex devices and each performs a specific function. Properly selected and configured devices can work for years without failure, so it's better to entrust such work on implementation and installation to specialists because it is started directly with choosing Cisco.

### **References:**

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