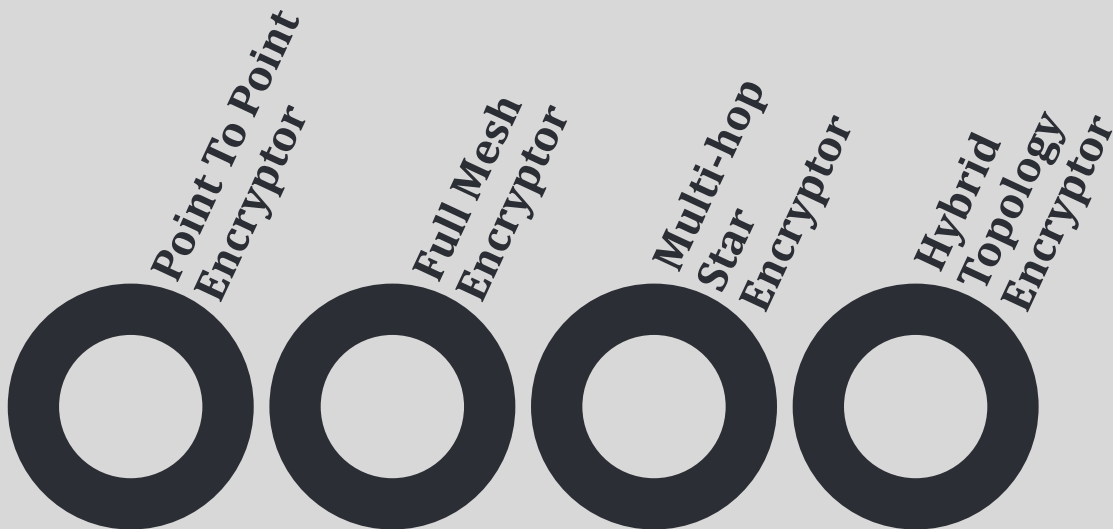


State of the art

## Secure Distributed Switch

**Secure Distributed Switch** is a cutting-edge network infrastructure consists of a number of nodes (network encryption devices), each located at the edge of a separate network. These nodes collaboratively establish a secure overlay network via encrypted tunnels. Each node, at the edge of one distinct network, function as a layer two switch port and delivers packets from the sender in one network to the intended receiver in another network. All communications between these separate networks, including multicast and broadcast traffic, are transferred by encrypted tunnels. These tunnels create a protected pathway through which information flows, shielding it from unauthorized access or tampering.





## Features

- ✓ Establishing a secure tunnel between the nodes
- ✓ Secure control and management packet exchange
- ✓ Secure ARP protocol packet exchange
- ✓ Automatic network topology construction
- ✓ Dynamic cost-based routing

## characteristics

- ✓ Transparency
- ✓ Minimum overhead
- ✓ Firewalling
- ✓ Expandability
- ✓ Fault tolerance
- ✓ Load balance
- ✓ QoS Assurance

