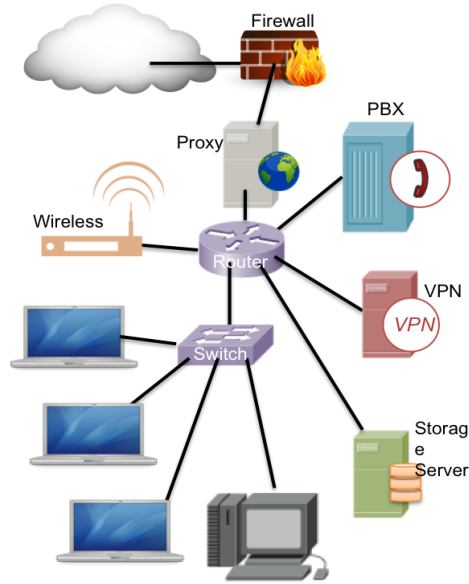
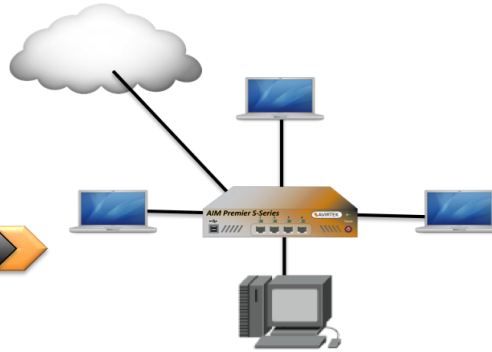


Current Technologies



Avirtek's Technology



Integrated={Router, Switch, Wireless, Proxy, PBX, VPN, Storage Server, Firewall, Anti-virus, Anti-malware}

Problem Solved by ACS Server Technology

Currently, small business networks have many different network devices (routers, firewalls, wireless access points) and several software systems (anti-viruses, spams, web filtering, etc.) and numerous software applications to backup their files, and manage faults and performance. With the lack of local information technology (IT) support, this makes their hardware, software and applications prone to attacks and exploitations and increase significantly their operational costs. The AIM S appliance will replace all these devices and services (router, switch, wireless, VOIP, VPN, Storage Server, Firewall, Anti-virus, Anti-malware) by using open source software solving that runs on a commodity hardware appliance that provides all the required routing, security and management functions that you might need in a small/medium size office network.

AVIRTEK Technology

AVIRTEK is developing innovative cybersecurity technologies that can self-protect your networks, applications, and your data with little involvement of users or system administrators. A true alternative to the existing management and security technologies that are mainly signature based solutions, they

Highlights

The AIM Premier S-Series appliance is the only appliance that can deliver AIM services with unprecedented performance and reduction in operational costs.

- ◆ Zero-day protection against attacks (known or unknown)
- ◆ Anti-virus and anti-spam
- ◆ Web filtering and email protection
- ◆ Data backup and protection services
- ◆ Enterprise VOIP capability with an affordable price

Contact us
Tel. (520) 829-6981
sales@avirtek.com
1236 E Grant Rd, Tucson, AZ 85719
<http://www.avirtek.com>

Specifications

Network:

- (2,4,8) x 10/100/1000
- Wireless Networks
- 2 x USB 2.0

Hardware

- Atom based processor
- 4 GB Memory
- 1 TB Storage

Services

- Packet Routing
- Network Address Management
- Firewall Capabilities
- VPN
- File/Backup Services
- Resource Management Policies
- Wireless (802.11)
- Logging
- Performance improvement

Other Features

- Low noise
- Mini 1U

Safety and Compliance: FCC, CE, UL, Ro

Packet Routing

- IPv4/IPv6
- Static Routing
- IPV6 Policies
- SLAAC

Network Address Management

- Static, DHCP, DHCP Relay, IDHCPv6, DHCPv6 Relay
- DNS Forwarding, IPv4/6 DNS Resolver, Dynamic DNS

Firewall Capabilities

- Stateful packet inspection
- P2P filtering
- Rate limiting
- Transport Layer Filtering

VPN

- OpenVPN
- IPSec, L2TP
- PPTP
- Transport Layer Filtering

Security

- IDS
- Multi-level anomaly based detections
- NAT
- Antivirus/Antispam
- 3DES, AES Encryption, MD5 and SHA-1 Authentication, RSA/Diffie Helman key management
- Probing Detection
- DDoS / DoS protection
- Flooding Protection

- HTTP Proxy
- URL black listing

File/Backup Services

- File Sharing
- Backup/Synchronize
- Backup Policies
- Incremental Backups

Resource and Performance Management

- Easy Web GUI
- Secure access through SSHv2
- Remote Access API
- Unified GUI that increases the visibility of network activities.

Wireless (802.11)

- Access Point/Client
- WPA/WPA2 PSK/802.11i/WEP
- Routed client mode

Logging

- Netflow, S-Flow
- Syslog
- SNMP

Performance improvement

- Load Balancing
- Ethernet Link Bonding
- Bandwidth Management

Full Visibility Dashboard

- Continuous monitoring & Analysis
- Dynamic Programmable Actions.