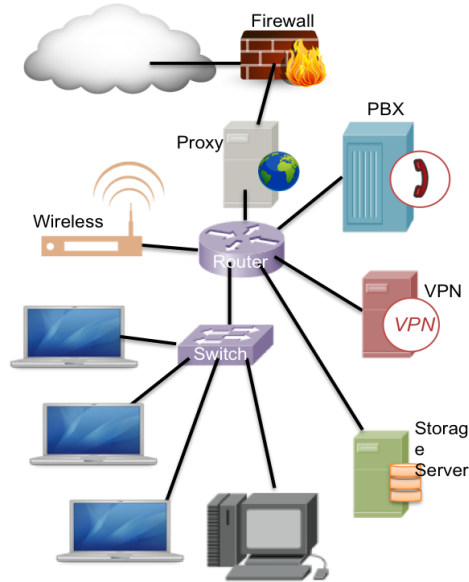
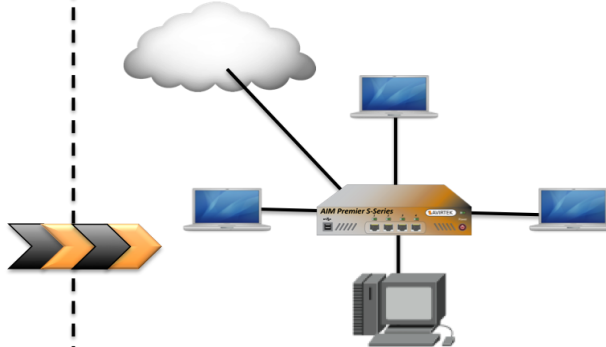


## Current Technologies



## Avirtek's Technology



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

### Problem Solved by the AIM Server Series

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 Server will replace all these devices and services (Router, Switch, Wireless, VOIP, VPN, Storage Server, Firewall, Anti-virus, Anti-malware, Web Filter) by using open source software solutions that run 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 use many isolated tools, and they are manually intensive.

### Highlights

The AIM Server 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 e-mail protection
- ◆ Data backup and protection services
- ◆ Enterprise VOIP capability with an affordable price
- ◆ Full Visibility Dashboard

**Contact us**  
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### Specifications

#### Network:

- (2,4,8,16) x 10/100/1000 Ethernet ports
- Optional 802.11 Wireless module
- 2 x USB 2.0 ports

#### Hardware

- Intel Core i5 processor
- 16 GB Memory
- 1 TB Storage

#### Services

- Packet Routing
- Network Address Management
- Firewall
- VPN
- Cyber Protection
- Cyber Behavior Monitoring & Analysis
- File/Backup Services
- Resource Management Policies
- Wireless (802.11)
- Logging
- Performance improvement
- Full Visibility Dashboard

#### Other Features

- Low noise
- Mini 1U form factor

#### 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

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

#### VPN

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

#### Cyber Protection

- Resource Protection
  - Vulnerability scanner
  - Critical resource e-mail notifications
  - Automated and semi-automated fixes
- Network Protection
  - Multi-level anomaly based detection and protection
  - DDoS/DoS/flooding protection
- Intruder & Insider Threat Protection
  - Network Host Intrusion Detection System
  - Challenge Response protection
- Virus Protection
- Web Protection

#### Cyber Behavior Monitoring & Analysis

- Resource Behavior Monitoring
  - Resource status monitoring
  - Resource usage monitoring
- Network Behavior Monitoring
  - IP traffic logging
  - ARP-IP logging
  - Network host identities logging
  - Network details and statistics visibility
  - Network mapping

#### File/Backup Services

- File Sharing
- Backup/Synchronize
- Backup Policies

#### Resource and Performance Management

- Easy Web GUI
- 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.