

Security Solutions

Prevent.....Protect.....Provision

Even the best building security will not protect your environment from harmful intrusions through the Internet. You need to take measures to *prevent* unauthorized access, *protect* your environment and *provision* for secure communication.

Security concerns are the top worries of every enterprise. These concerns grow in importance as internet vulnerabilities increase. *Security is a process* encompassing different levels of protection. Each environment may necessitate different degrees of security measures. BAIS offers a variety of security solutions, so customers may choose the level of protection they desire.

Security Solutions:

BAIS offers best of breed security products. Customers may choose any of these solutions combined with our managed security services:



- ◆ **Dedicated Firewall and VPN**
- ◆ **Packet Filter Firewall**
- ◆ **DDoS Mitigation**
- ◆ **Email SPAM/Virus Protection**
- ◆ **IDS**
- ◆ **Integrated Security Solutions**

BAIS: The Smart Choice

BAIS has been successfully providing best of breed enterprise level Internet solutions to small and large businesses since 1995. BAIS is reputed for superior customer service and delivering ultra fast reliable connectivity in its world-class, fully redundant N+1 Internet Datacenter:

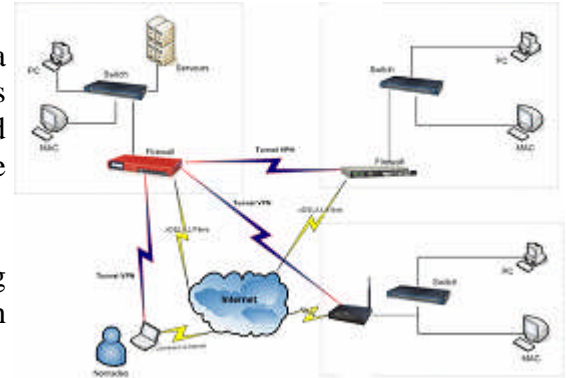
- ◆ **Redundant power and backup**
- ◆ **Redundant carrier connectivity**
- ◆ **Multiple GigE IP connectivity**
- ◆ **Redundant routing and switching**
- ◆ **Raised floors**
- ◆ **Environmental controls (Liebert HVAC)**
- ◆ **Diverse fire-suppression systems (FM-200)**
- ◆ **Digital video surveillance**
- ◆ **24x7 secure access**
- ◆ **24x7 network monitoring**
- ◆ **Seismic bracing**

Please refer to the "Datacenter" and "Co-Location Solutions" datasheets for additional details.

Service Detail	Managed Security Solutions:	Basic Security Solutions:
Customer Supplied Equipment	Yes	Yes
BAIS Supplied Equipment	Yes	Yes
Installation and Configuration	Yes	Yes
Security Monitoring	Yes	No
Custom Defined Response	Yes	No

Dedicated Firewall and VPN Solutions:

- ◆ Virtual Private Networks (VPN) allow companies to create a powerful secure network between their data, their mobile users and their office locations. VPN solutions include Encryption and Authentication enabling you to **Provision** for secure communication.
- ◆ Firewall solutions **Prevent** unauthorized access to your computing environment. For added security customers may consider a High Availability (fail-over) Firewall solution.



Many hybrid products are available which provide VPN and Firewall protection in one device. BAIS specializes in the implementation and configuration of the following solutions:

- ◇ Cisco Pix
- ◇ Checkpoint
- ◇ Watchguard
- ◇ Fortinet

Email SPAM/Virus Protection:

SPAM Blocking and Virus/Worm Detection **Protect** your email environment against harmful intrusions. BAIS has been offering industry leading anti-virus and spam protection products to its customers. Most products provide protection for Email and Instant Messaging.



Packet Filter Firewall:

Our Packet Filter Firewall solution provides a simple and affordable protection for Co-Location, managed services, or high speed access customers. This solution is implemented on BAIS routers to customer's access ports.

IDS Solutions:

An Intrusion Detection System (IDS) inspects all inbound and outbound network activity and identifies suspicious patterns that may indicate a network or system attack from someone attempting to break into or compromise a system. BAIS will install and monitor IDS solutions for its Datacenter customers.



DDoS Protection:

Distributed Denial of Service (DDoS) protection will safeguard your environment against Internet based flooding of useless traffic., which may bring down your network. BAIS has been providing its customers with products which protect their environment against such intrusions. By monitoring DDoS, BAIS is able to alert customers in time, before their systems become unavailable.

Integrated Security Solutions:

Today, many vendor appliances are available which provide comprehensive security solutions, which include Authentication, Authorization, Encryption, Firewall protection, Spam blocking, Virus protection and VPN services. In many cases customers may need a customized security solution for their network and computing environment. BAIS' professional services team is ready to evaluate and assess your security needs and deploy a solution, which will best meet your requirements.

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