



iPolicy Networks is the industry's leading integrated network security product company. The company delivers a carrier-grade, high-performance integrated security appliance with a highly scalable security management system. iPolicy's Intrusion Prevention Firewall™ (IPF) appliance, powered by the industry's most advanced real-time integrated security technology, Single Pass Architecture™, protects high-speed networks from worms, viruses, unauthorized access, spyware, intrusions, DoS/DDoS, Trojans and other emerging threats. iPolicy Security Manager™ (ISM), tested with over 500 multi-security IPF appliances, is proven as the most scalable integrated security solution in the industry. iPolicy's integrated network security appliance and its sophisticated security management delivers the best price-performance solution to service providers, enterprises, financial services firms, education institutions and government agencies.

An Integrated Approach to Security

Historically, enterprise and carrier network security has been fragmented with myriad pin-point solutions for each of the multiple security threats they face. Security executives are constantly under pressure to invest in new products to address emerging security threats, resulting in a continuing point-solution overload that increases complexity as well as maintenance costs. The use of multiple point-security products also introduces unacceptable latency and performance degradation as the same packet is processed multiple times by several security devices or applications. This creates performance issues, especially for time-sensitive applications such as VoIP and XoIP. Further, the use of point products does not lend itself to correlation across different types of threats to prevent sophisticated emerging threats.

More recently, multi-function security appliances have started to address the physical part of the problem by plugging-in multiple single-security function applications into a single hardware platform. However, this does not solve the underlying performance and correlation issues, as the applications are not integrated. Moreover, the increased computational demand of multiple applications running on a single platform creates significant performance degradation when several applications are turned on. And finally, the management console for each of the security applications still remains separate in most cases, leading to fragmented security and higher cost of management.

An Innovative Security Enforcement and Management Technology

iPolicy IPF appliance is the only product on the market to utilize the most advanced deep-packet inspection based on iPolicy's Single Pass Architecture. This unique approach enables organizations to enforce a wide variety of real-time security processes at extremely high speeds without impacting performance, as each packet is processed only once. The single-pass integrated security processing also enables real-time correlated security actions to thwart emerging complex network threats. For example, intrusion detection can dynamically alert the firewall to block off further attack traffic or trigger a QoS action against an offending denial-of-service attacker.

iPolicy's ISM, a comprehensive and sophisticated security management system, is highly scalable and flexible for deployment in both carrier and enterprise networks. It enables consistent security enforcement across the largest of networks through geographically dispersed iPolicy appliances and advanced multi-security virtualization. From a single location, the iPolicy ISM can control and swiftly change security policies across the network, thwarting attacks with one single policy change. While providing centralized control and operational efficiency, ISM also provides the flexibility of distributed localized security control through hierarchical co-management.

A High-Performance Software Architecture

iPolicy's unique Single Pass Architecture empowers customers to dynamically adapt their security to address constantly emerging network security threats. The traditional hardware approach with custom ASICs is not well suited to address the ever-changing security threats, as hardware changes can take over a year for each revision cycle. The software extensibility allows iPolicy to provide enhancements for future security threats much faster than the competing hardware-dependent architectures.

iPolicy's software running on industry-standard hardware offers unprecedented flexibility and extensibility advantages to iPolicy's customers. The flexibility of supporting the software on industry-standard hardware translates into a superior price-performance advantage by leveraging the high-velocity innovations from companies like AMD and Intel. Moving forward, this enables an easy and cost-effective path for iPolicy to deliver in excess of 10 Gbps throughput on security appliances using industry-standard hardware architecture.

A Full Suite of Enterprise and Carrier Solutions

iPolicy has a complete suite of IPF products, from 100 Mbps to 6 Gbps, delivering the best price-performance solution in the industry. And, the iPolicy Security Manager (ISM) provides an easy-to-use centralized security management solution that can scale from one to over 500 security appliance management and from one to 250 (virtualizations) security domains per IPF appliance.

The product is flexible and scalable for a variety of carrier and enterprise network security deployments, including in-the-cloud (ITC) carrier network security, high-speed internet data centers (IDC), customer-premise equipment (CPE) security service, and internal managed security for multi-agency government organizations, multi-location enterprise customers including financial services, banks, and higher education institutions.

Disruption-Free Security Updates

iPolicy products and solutions were designed with customers' current and future security needs in mind. Security updates including IDS/IPS signatures, virus signatures and URL database are released on a continuous basis by the iPolicy Security Research Team (ISRT). The iPolicy ISM automatically downloads these updates soon as they are available and keeps all the iPolicy IPF appliances always current and updated to thwart the latest threats. Customers are assured that consistent security policies and the latest protection features are always enforced across their entire network. And, iPolicy backs its products with highly responsive support and other professional services designed to help customers maintain an optimal security posture at all times.

A Well-Qualified Channel

iPolicy Networks serves the North America, Japan and Asia-Pacific markets through an expanding network of highly qualified value added reseller partners. These VAR partners share iPolicy Networks' commitment to excellence in customer service and support.