

# Managed Intrusion Prevention Service

## Securing the internet business



### Executive Summary

Increasingly sophisticated malware and new automated methodologies are aiding attackers in their goals to penetrate business networks and steal valuable data, or try to disable or even take control of valuable network assets. Unfortunately, as awareness of potential threats grows, many businesses are struggling to manage their existing resources so as to ensure that sufficient dedicated security expertise and resources exist to maintain adequate levels of protection.

To combat such threats, both known and as yet unseen, BESECURE offers a new generation of intelligent security appliances which can assist security administrators both in detecting attacks (intrusion detection systems, or IDS) as they happen, and simultaneously providing the resources to block attacks (intrusion prevention system, or IPS) in transit within the network, thus preventing them from reaching their targets. Unfortunately, the cost and scarcity of trained personnel able to correctly implement and manage these new security solutions prevents many businesses from benefiting from the comprehensive protection these solutions can now provide.

### Managed Intrusion Prevention Service

BESECURE provides economies of scale offering Managed Intrusion Prevention service based on new generation security appliances, which are controlled by dedicated security personnel who operate on behalf of our business customers. BESECURE provides comprehensive reports so that you have immediate and transparent access to your security status. All reports are based on real-time information and can be accessed on-demand through a secure, web-based Portal.

BESECURE Security experts perform all management and maintenance of the Intrusion Prevention Service appliances including:

- Signature tuning
- Signature updates
- Configuration changes
- Security event monitoring
- Performance and availability management



## The Service Elements

The Managed Intrusion Prevention Service is unique in its ability to provide all the elements necessary to create and implement effective managed IDS/IPS services that can address the needs of business customers:

- Advanced Virtualization functionality that allows BESECURE to separate traffic based upon VLANs or CIDR blocks and provide targeted reports per customer Policy
- A scalable, secure, highly available management system to manage multiple, fully virtualized IDS/IPS appliances
- Hardware-based sensors that operate at wire speed
- Comprehensive IDS/IPS capability integrating protocol anomaly, statistical anomaly, and signature detection to provide maximum protection against reconnaissance, exploit, botnet, and Distributed Denial of Service (DDoS) attacks
- Real-time analysis of encrypted data and shell-code detection
- Comprehensive, customizable reporting applications to facilitate alert analysis
- Secure data storage for customer information and alerts
- Flexible, automated management of security updates to ensure ongoing protection
- Monthly reports to assist network managers with capacity planning
- Full project management for implementation of the security policy
- Comprehensive service level agreement (SLA)
- Proactive 24x7 monitoring from BESECURE's Secure Network Operations Centre

## The BESECURE Security Advantage

BESECURE provides compliance services based on legal and regulatory requirements, designs and implements advanced IT security solutions, delivers information security training seminars, provides Managed Security Services, performs Penetration Tests and Vulnerability Assessments covering all phases of the life cycle of information security. BESECURE adapts HISP Institute methodology for the implementation of a Holistic Information Security framework and employs the most HISP Certified Professionals among Greece and Balkan

