



MANAGED IPS

Service Definition



MANAGED INTRUSION PREVENTION SYSTEM

Understanding Intrusion Prevention Systems (IPS)

To provide a truly secure network, you need to do more than simply look at the source and destination of packets. You need a system that understands the data and can perform Deep Packet Inspection (DPI) to look for malicious use of allowed services and protocols. More than that, you need to automatically block malicious and invalid traffic to prevent the damage they can cause to your services.

An IPS provides the capabilities required to protect your services from these threats.

What Astrum Labs Offers

An IPS should be used to protect services you make accessible to the outside world, as well as ensure that your internal systems are not being used by hackers to launch attacks on others or to exfiltrate your sensitive data.

As such we provide:

► **IPS Design and Installation**

As network security experts we know where and when to implement an IPS and why you should use it in protection or just detection mode. We will examine your network, and your operational needs to identify the IPS deployment that satisfies your security needs and we will integrate it seamlessly into your network.

► **Expert Level Support**

Your IPS is fine tuned to match your network. It is capable of altering traffic to maintain your security. As your network evolves the IPS will need to be modified to accommodate those changes. We will advise what changes should be made, and implement those changes.

► **Monitoring and Maintenance**

Your IPS will identify and act upon suspicious traffic, but it requires care and feeding like all complex security devices. We will maintain the software and signature database to ensure you have the best protection, and monitor the logs and alerts to ensure that your network stays properly protected.

► **Simply Explain the Complex**

The events that an IPS identifies as suspicious can seem cryptic and confusing, leaving you unable to evaluate what you need to do in response. We will explain the meaning behind any IPS event and how it affects you and your network.