

## **Intrusion Detection & Prevention Services**

As network technology evolves, newly discovered weaknesses are open to exploitation, putting your network, applications and corporate data at risk. Networks are vulnerable to those attacks against which a firewall alone is not enough. An Intrusion Detection and Prevention System (IDPS) provides an additional layer of protection to a Firewall. It offers greater accuracy in detecting and blocking malicious activity that other services cannot.

There are four types of IDPS technologies:

- Network
- Host
- Wireless
- Network Behavior Analysis

Organizations should use multiple types of IDPS Technologies to achieve more comprehensive and accurate detection and prevention of malicious activity.

Leveraging a Managed Security Services Provider removes the necessity to add Customer resources to operate and maintain the new security infrastructure. CGI's Security Operations Center provides access to security certified resources 24/7/365. On-going operations, event notifications, security recommendations for eradication and containment are all provided as part of a managed service.

The equipment, on-going maintenance, technology roadmap, service evolution and infrastructure availability are the responsibility of CGI.

- Incident detection, notification and resolution
- Event analysis and prevention capability
- Real time correlation of events
- Blocking and Prevention features
- Network, host, & wireless integrated solution
- Monitoring the IDPS components themselves for operational and security issues
- Continuous verification that the IDPS is functioning properly (signatures configurations, integrations)
- Vendor Management activities (updates, testing, notifications)

## **Benefits**

- Industry leading MSS with incomparable expertise
- Leading edge solutions and devices
- 99.5 % standard availability
- 24x7 coverage through the MSS SOC