Managed Security Services

DATASHEET

CNS GROUP

CNS Group Provides Three Levels of Managed Security Services (MSS)

CORE

CORE is a set of essential entry level managed services aimed at underpinning good estate security, service availability and performance with reactive technical assistance as needed. Services can be applied to supported architecture, such as:

- Firewalls
- Perimeter Switches and routers
- IDS/IPS systems
- Remote Access Solutions
- Unified Security Management Solutions

PRO-SECURE

PRO-SECURE is a suite of proactive information security management services offering clients' real time security status visibility and security management information. Services are offered with best of breed technology platforms, subject matter technical expertise and proven best practice operational service delivery processes. Interpretation of outputs, handling of event incident escalation, forensic investigation of irregular network activity and emergency response to major events impacting clients' business operations are all covered by this service.

COMPLY & SECURE

COMPLY & SECURE is an enhanced PROSECURE package that is specifically constructed to assist in attaining and maintaining compliance to the following standards and regimes:

- HMG levels of accreditation including the legacy GPMS caveats of IL2, IL3, IL4 and the new GCP caveats of OFFICIAL & OFFICIAL(SENSITIVE)
- Payment Card Industry Data Security Standard PCI DSS V 3.1
- ISO27001:2013 and the control set of ISO27002
- CPNI Guidelines and the SANS Top 20 Critical Control Set
- Office of Compliance Inspections and Examinations (OCIE) / US Securities and Exchange Commission (SEC)

Who Buys Our MSS Services?

Our MSS are targeted at organisations seeking to enhance and mature their InfoSec posture We help our clients strengthen their defences against security / cyber threat, by providing them with real time insight into potentially malicious/ harmful network activity, as well as weaknesses and vulnerabilities across the whole of their security estate.

These clients include:

- FTSE 100 Financial Companies
- Hosting & Cloud Providers
- Major Public Service Organisations
- Small & Medium Enterprises (SMEs)
- Systems Integrators

Key MSS Features

- Log Management & SIEM
- Threat Management
- Vulnerability Management
- Network Security Monitoring
- Mosaic WATCH
- Mosaic EMERGENCY RESPONSE
- Mosaic ASSIST
- Mosaic CONSULT

"We've been very pleased with the improvements that CNS Group has brought to Tower Hamlets. The managed services have been excellent value for money. By taking advantage of the CNS services we have been able to enhance our responsiveness to compliance events and there is greater trust between ICT and our Security team"

IT Project Manager,
London Borough of Tower Hamlets

Benefits of CNS Mosaic

- Rapid on boarding of new detective, reactive or protective technologies into each clients' unique service stack
- Data analysis capability for real time threat detection, general threat landscape analysis and client threat trending
- An incident response capability that minimises the impact of incidents
- Service quality, technical excellence and a friendly, "go further" service
- Compliance to all Major ICT Standards (inc. HMG (OFFICIAL), PCI, CPNI, ISO27001, SEC(SANS))
- Service Delivery across the WAN and PSN
- Provision of and access to service capability across CNS Group
- Complete UK Sovereignty of service. No data off-shored

Why Choose CNS?

- All service delivery staff are SC cleared
- Unified, coordinated security monitoring
- Simple security event management and reporting
- Multiple security functions in a single console
- Assurance over and above compliance
- Compliance against baseline / policy
- Customisable reporting
- Reduced cost of compliance
- Improved business continuity
- Lifecycle compliance monitoring
- 24 x 7 x 365 service

Key Features Explained

Log Management & SIEM

SIEM / Event Correlation - When an incident occurs CNS is able to provide immediate visibility into the who, what, when, where and how of the attack. Attacks are broken down as follows:

- System Compromise – e.g. web shell backdoor detected
- Exploit & Installation – e.g. SQL injection attack on a website
- Delivery & Attack – e.g. web shell upload attempt
- Reconnaissance & Probing – e.g. identification of a scan against a network
- Environmental Awareness – e.g. change to a firewall configuration

Threat Management

CNS offers Advanced Threat and Malware Detection including:

- Visibility of exploits that unintegrated security tools won't catch
- Web Based Attack Detection
- Intrusion Detection Systems (IDS)
- NIDS – Identifies the latest attacks, malware infections, system compromise, policy violations and other exposures
- HIDS – monitors client servers and applications for malicious activity and other unauthorised use of host resources

Vulnerability Management

We provide vulnerability assessment, scanning and reporting all designed to proactively identify weaknesses in the security posture of clients' IT estates. This covers:

Network Security Monitoring

- Asset Discovery and Inventory – Provides visibility to the assets on client's networks
- Log Collection – Essential for spotting unknown threats. It's also useful in investigating suspicious behaviour and policy violations
- Network Flow Analysis – Provides high-level trends related to which protocols are used, which hosts use the protocol

Mosaic WATCH

A 24 x 7 x 365 service that unites the people, processes and technologies involved in providing situational awareness through the detection and alerting of IT threats and incidents.

Mosaic EMERGENCY RESPONSE

In the event of an emergency where a client has an IT security breach, CNS forensic specialists are on hand to provide an immediate response to identify the incident's nature and source.

Mosaic ASSIST

24 x 7 x 365 service connecting with the people, processes and technologies involved in providing containment and remediation of IT threats 24 x 7 x 365. This ser vice provides emergency expertise in "Incident Management", "Breach Management", "Forensic Investigation" and "Remediation Management".

Mosaic CONSULT

A specialist information assurance consultancy covering Governance, Risk and Compliance elements. Mosaic CONSULT assists in the maintenance of compliance regimes throughout the lifecycle of the service or during an incident.

Our business is securing your data

As a government accredited company, we help UK organisations of all sizes build cyber security capabilities and maintain compliance through practical consulting and Managed Security Services. For more information on how our Managed Security Services can help protect your business, contact us now on:

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