Simplify Your Network Security with All-In-One Unified Threat Management

Singtel Managed Unified Threat Management (UTM) Services, powered by Trustwave, consolidate perimeter network security technologies – including firewall, web and email gateways, intrusion prevention and more – into an affordable, threat management service.

As technologies advance, more devices are connected to the Internet and corporate network, opening up opportunities for cybercriminals to inflict harm from all entry points ranging from your Web presence, email and more. Singtel Managed Unified Threat Management Services consolidate critical perimeter network security into a single network device, backed by 24x7x365 managed security services and threat intelligence, to help manage information security threats to your growing business.

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Managed Unified Threat Management

To effectively combat current and future threats, organisations need to assume they will be breached and defend their network against today's increasingly sophisticated threats by managing security across multiple remote sites, consolidating security controls and meeting security compliance mandates.

Yet the reality is: while these security threats are very real, many growing businesses struggle to balance their security needs against the pressures of running their day-to-day business due to the lack of in-house IT or security expertise.

With a managed security services provider (MSSP), businesses can have peace of mind knowing that a highly-skilled team of security experts are monitoring and managing their network security to meet audit and compliance requirements and to protect them from the latest advanced threats. With an MSSP, there are no worries that fragmented network security controls will be overlooked and no need for an extensive in-house IT security team. An MSSP allows you to focus on your business, knowing that your security is covered 24x7x365.

Research from Trustwave shows that in 2014:

111 days was the median number of days attackers were present on a victim's network before they were discovered.

Only 19% of compromised victims detected a data breach on their own.

98% of applications harboured at least one or more serious security vulnerability[1].

Singtel Managed Unified Threat Management Services

Singtel Managed Unified Threat Management (UTM) Services, powered by Trustwave, offer comprehensive network protection consolidated in a single network appliance. Delivering critical perimeter network security for security and management oversight, it integrates best-in-class security services ranging from firewall, web and email anti-virus to intrusion prevention and more. An extensible service with a full range of options, it is easily scalable for your myriad security needs as your business grows. Eliminating fragmented security controls, it simplifies security management as an affordable, fully-managed service with no capital expenditure (capex) required.

Holistic Threat Management For Your Security Needs

Backed by industry-leading Trustwave SpiderLabs® threat intelligence, Singtel Managed UTM Services offer holistic threat management to help your business meet your security, compliance, consolidation and cost concerns via our 4-pronged approach:

- **Threat detection**: Faster threat detection with advanced big data correlation of threat intelligence, managed by security experts in our Security Operation Centres (SOC).

- **Threat protection**: Accurately and quickly block security threats in real-time with proven security technologies including file content inspection, page correlation and more.

- **Threat mitigation**: Timely response to security incidents backed by the security experts in our SOCs and by Trustwave SpiderLabs® forensic investigators.

- **Threat intelligence**: Unparalleled view of global threat intelligence with Trustwave SpiderLabs® research, based on unique combination of applied research, product telemetry, global data feeds and exclusive feeds from breach and forensics research.

Holistic Threat Management

Threat detection • Threat protection • Threat mitigation • Threat intelligence

Singtel Managed UTM Services are ideal for:

- SMEs/growing businesses with no in-house IT team or security expertise

- Businesses looking for an affordable, all-in-one network security solution to manage network security across multiple remote offices and branches

Singtel Managed Security Services are powered by Trustwave, a global leader in managed security services and part of Singtel Group Enterprise. Trustwave helps businesses fight cybercrime, protect data and reduce security risk. With cloud and managed security services, integrated technologies and a team of security experts, ethical hackers and researchers, Trustwave enables businesses to transform the way they manage their information security and compliance programs.

Trustwave®
Smart security on demand
a subsidiary of Singtel

Basic Services

Feature	Description
Stateful firewall	Tracks network connections, allowing packets that match a known connection to pass through and rejecting others. Supports multi-path routing (optional).
Intrusion prevention	Conducts deep inspection intrusion prevention by utilising Trustwave SpiderLabs®' library of high-confidence signatures to protect against potential and latest attacks.
Web and email anti-virus	Provides more than 100,000 virus signatures (updated hourly) for comprehensive web and email protection of your network at the gateway.
Virtual private networking	Enables IPsec compliant site-to-site and certificate-based remote user[2] virtual private networking for secure, encrypted access to corporate systems and remote offices.
Log collection and forwarding	Consolidates logs into Singtel Managed UTM appliance and forwards them for analysis by our SOCs. Allows real-time 24x7 viewing of security reports via Trustwave TrustKeeper® managed security services portal.

Add-on Services

Feature	Description
Network Access Control (NAC)	Plug-and-play NAC features include: • Detects, alerts and blocks any unauthorised network device (both wired and wireless) and unique rogue gateway/router from accessing network segments • Alerts and blocks discovered port-based services on a per-device basis • Supports whitelist that defines authorised wireless devices allowed network connection
Internal vulnerability scanning[3]	Detects and scans network assets for real-time reporting on system vulnerabilities from inside the firewall. Enables 24x7 real-time scan scheduling and vulnerability reporting on Trustwave TrustKeeper® portal.
Cellular internet backup[3]	Provides temporary 4G USB-based backup Internet connectivity to primary Internet connection in the event of connection loss. Ensures business continuity during restoration of primary Internet connection. Enables transparent failover and failback operation based on status of primary connection[4].
Wireless hotspot[3]	Provides dual-SSID inbox support for wireless guest and private networks. Supports industry-standard 802.11 A/B/G/N protocols, with optional WPA-2 wireless authentication.
Web content filtering[3]	Prevents inappropriate use of Internet connection by maintaining customer-defined web usage policies, supporting Access Lists and performing URL whitelisting and blacklisting. • Supports Active Directory authentication via RADIUS or NTLM • Configurable to work with default Web and Anti-Virus service • Reports usage and filtering activity on Trustwave TrustKeeper® portal

Service Scheme

Singtel Managed UTM Services, powered by Trustwave, are available as an affordable and predictable monthly subscription with no capex involved. Monthly fee includes:

• All hardware costs (include integrated network appliance)

• Maintenance services

• Technology and software updates

• 24x7x365 managed service and support by award-winning SOCs.

Benefits

Deliver holistic network perimeter threat management that unifies security into a single, all-in-one network security solution that is scalable to meet myriad security needs.

Enhance defence with comprehensive network security protection with Trustwave SpiderLabs® threat intelligence delivering latest attack signatures, vulnerability plug-ins and more.

Lower total cost of ownership with affordable, predictable, all-inclusive monthly subscription fee and no capex involved.

Increase visibility of security vulnerabilities to meet compliance and audit requirements with log, event data and security reports.

Simplify security management with service and support managed by award-winning 24x7x365 SOCs (including management, configuration and updating of network appliance).

Why Singtel

Proven security expertise and intelligence with Trustwave SpiderLabs®,– a world-renowned ethical hacking and threat research team which has a global security footprint of more than 1,500 security expertise across 46 global offices in more than 50 countries, backed by 8 SOCs and 9 engineering centres.

End-to-end service management with 24x7x365 security protection from security experts at our SOCs

Footnotes
1. 2015 Trustwave Global Security Report
2. Remote user VPN utilises usernames, passwords and SSL certificates for 2-factor authentication.
3. Payable options.
4. May require removal and reinsertion of primary interface network cable.

About Singtel

Singtel is Asia's leading communications group providing a portfolio of services including voice and data solutions over fixed, wireless and Internet platforms as well as infocomm technology and pay TV. The Group has presence in Asia, Australia and Africa with over 550 million mobile customers in 25 countries, including Bangladesh, India, Indonesia, the Philippines and Thailand. It also has a vast network of offices throughout Asia Pacific, Europe and the United States.

Awards

Asia Business Continuity Awards
NCS - Business Continuity Provider of the Year
(2008, 2009, 2011 - 2014)

Computerworld Readers Choice Awards 2014
Managed Connectivity (2006 - 2015)
Data Centre and Hosting (2007, 2009 - 2014)

NetworkWorld Asia - Information Management Award
Security-as-a-Service (2012-2015)
Disaster Recovery & Business Continuity (2014, 2015)

NetworkWorld Asia - Readers' Choice Award
Managed Security Services (2014, 2015)
Managed Infrastructure Services (2012 - 2015)

For more information www.singtel.com/security Contact your Account Manager