

SECURITY

# Protect your Business with the Essential Solution for your Web Infrastructure.

Singtel Secure Web Gateway enhances your web security & optimises web performance across your organisation.



Let's make everyday better

# Secure Web Gateway

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## Business Challenges Today

Today's businesses are seeing an increase in web threats despite the existence of firewalls and desktop anti-virus. Organisations are unable to cope with the constant changing nature of malwares and PC infections coming from their network. Failure to locate and isolate the source of web threats in time can result in loss of business opportunities.

### Main threats:

#### Users "trust" the web

Users become more dependent on the web for their daily business and personal activities exposing them to potential risk of phishing attacks and leaking confidential information.

#### Increase of mobile workers

With more employees working remotely outside the enterprise network, IT managers need to effectively support and control end-user administration with policies to ensure peak performance and optimum security at all times.

#### Increase in Web and WAN traffic

With more application content downloaded over the Web and WAN for business usage, this leads to performance issues and expensive bandwidth upgrades. Enterprises need to gain control over the increase of traffic for better cost efficiencies.

#### Web is vulnerable and without boundaries

Many web applications today are fraught with software vulnerabilities and they can be widely accessed across regions. This flexibility makes the web a perfect threat vector for industrial espionage, explicit acts of vengeance or concentrated attacks.

## Features

### • Real-time protection against dynamic malware attacks

Singtel Secure Web Gateway service uses cloud-based intelligence that unites the online watch-defense community, consisting of web gateway appliances and web terminals for the detection of the latest malware in sites. This provides the additional layer of protection to the existing anti-virus software in user's workstation.

The real time web analysis also gives rise to reputation content rating features for new and unrated published content. This further enhances content categorisation and enforces web access control policies within organisations.

### • Accelerate the delivery of business applications by:

- dramatically reducing the bandwidth requirements through caching
- enabling policy-based control so that you can define which applications to accelerate or block
- enforcing appropriate usage policies for web access and external content

All these improve the performance of business critical applications and content including Web, SSL, rich media and email.

### • Any User, Any Network, Anywhere

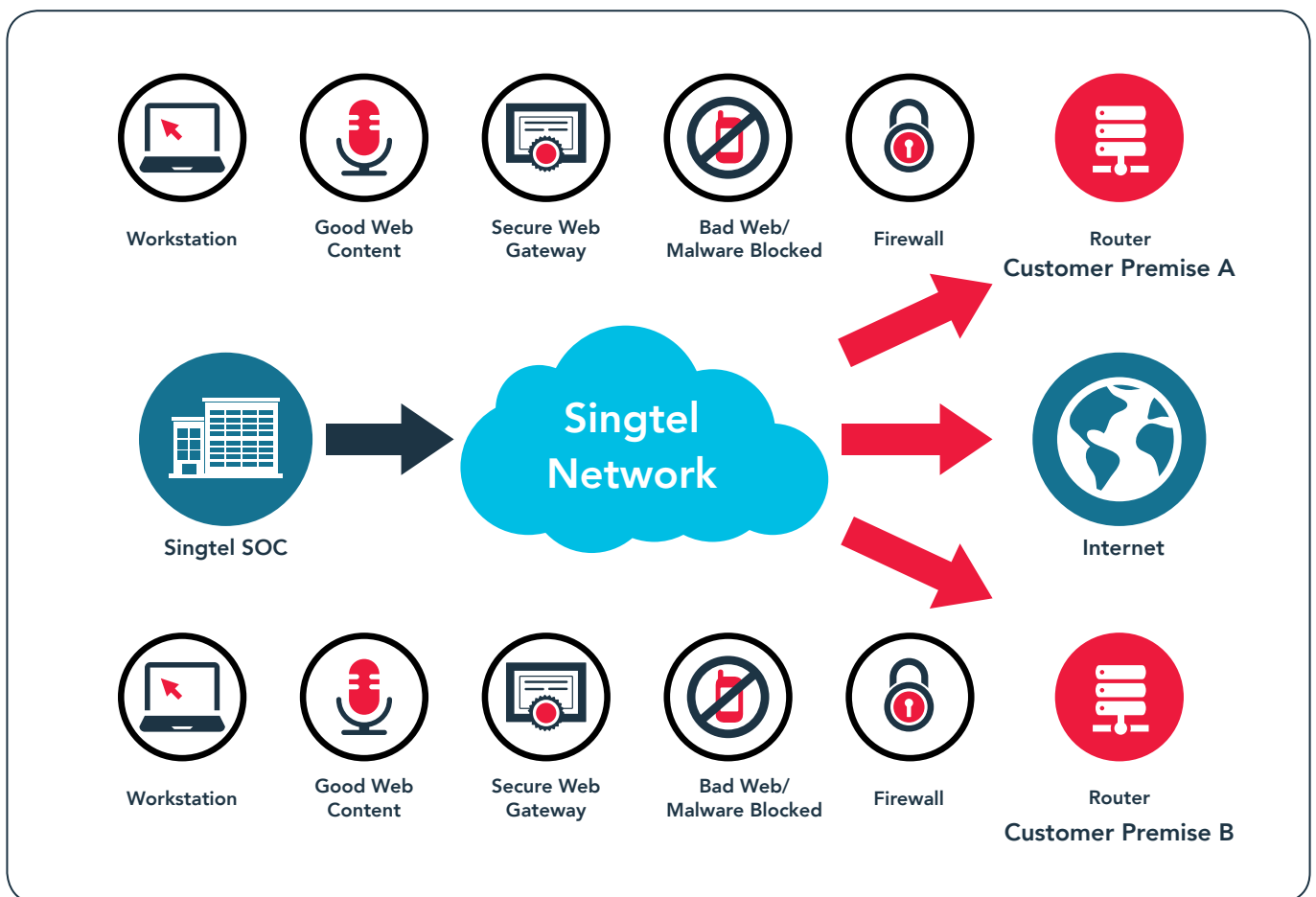
Suitable for deployment over any network, for any user, anywhere. Singtel Secure Web Gateway service is able to deliver optimised web performance and Internet safety features that keep remote users and branch offices productive and secure, by extending your corporate policies outside the LAN and all the way to the endpoints.

With Singtel Secure Web Gateway service, you can be assured of the in-depth visibility of the security and performance of business applications that run across the multiple networks of your organisation, giving you the comprehensive application and user control required to enhance business productivity, contain costs and respond quickly to changing business requirements.

## Platform Features

|                                     |                                  |                                    |
|-------------------------------------|----------------------------------|------------------------------------|
| Real-time web protection            | Usage and policy control         | Web efficiency                     |
| Web 2.0 web protection              | Compressed archive analysis      | Bandwidth management               |
| Real-time web content ratings       | File and attachment filtering    | Media stream splitting & caching   |
| On-demand cloud intelligence        | Hardware based SSL performance   | Acceleration & optimisation        |
| Web 2.0 mashed up content filtering | Data loss prevention integration | Transparent or explicit deployment |
| Inline threat analysis              | Proxy avoidance blocking         | Full IPv6 implementation           |
| Social networking threat protection | Web application controls         | IPv4 to IPv6 migration             |
| True file type checks               | Protocol method controls         | IPv6 advanced policy management    |

## Network Diagram



## Benefits



# 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 610 million mobile customers in 24 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

Frost & Sullivan Singapore Excellence Awards 2016  
Managed Security Service Provider of the Year

Frost & Sullivan's Asia Pacific ICT Awards 2016  
Telco Cloud Service Provider of the Year

NetworkWorld Asia Info Mgmt Awards  
Security-as-a-Service (2012 - 2016)

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

NetworkWorld Asia Info Mgmt Awards  
Disaster Recovery & Business Continuity (2014 - 2016)

Telco Cloud Forum Awards 2016  
Telco Cloud of the Year