

# Cloud-based Secure Web Gateway

All-in-one security platform enabling secure Internet access solution

**Asset-light,  
Lower TCO**

**Real-time  
provisioning**

**Pay-per-use  
pricing model**



While the Internet has become a mission critical application, enterprises are often put in a situation where they must consider a trade-off between security, performance, and cost. Despite the inevitable need among enterprises to enforce Internet policy compliance and protect end users from evolving threats, applying the latest security appliances and/or software to every location and device can get extremely expensive, complex and difficult to manage. Thus, most enterprises force smaller branch offices and mobile users to access a centralised security gateway when accessing the Internet, but this often results in performance degradation due to latency.



## Cloud-based Secure Web Gateway

NTT Communications use Network Functions Virtualisation (NFV) technology to virtualise web security functions to embed them in its network. Cloud-based Secure Web Gateway from NTT Communications provides Internet breakout points from its VPN, coupled with web security functions – Firewall, IPS and URL filtering options – to free enterprises from purchasing Internet access and dedicated security appliances. Furthermore, the service is readily available in 50 of our network nodes distributed worldwide, minimising latency by directing end users to access the Internet via the node closest to their physical location. Administrators can remotely build and apply security policies through the customer web portal, which is reflected in minutes.

## Key benefits of cloud-based services

### Asset-light office

- No appliances or software needed to be purchased and maintained on-site
- Lower Total Cost of Ownership (TCO)

### Real-time provisioning

- Activate services on the fly
- Scale easily depending on business needs

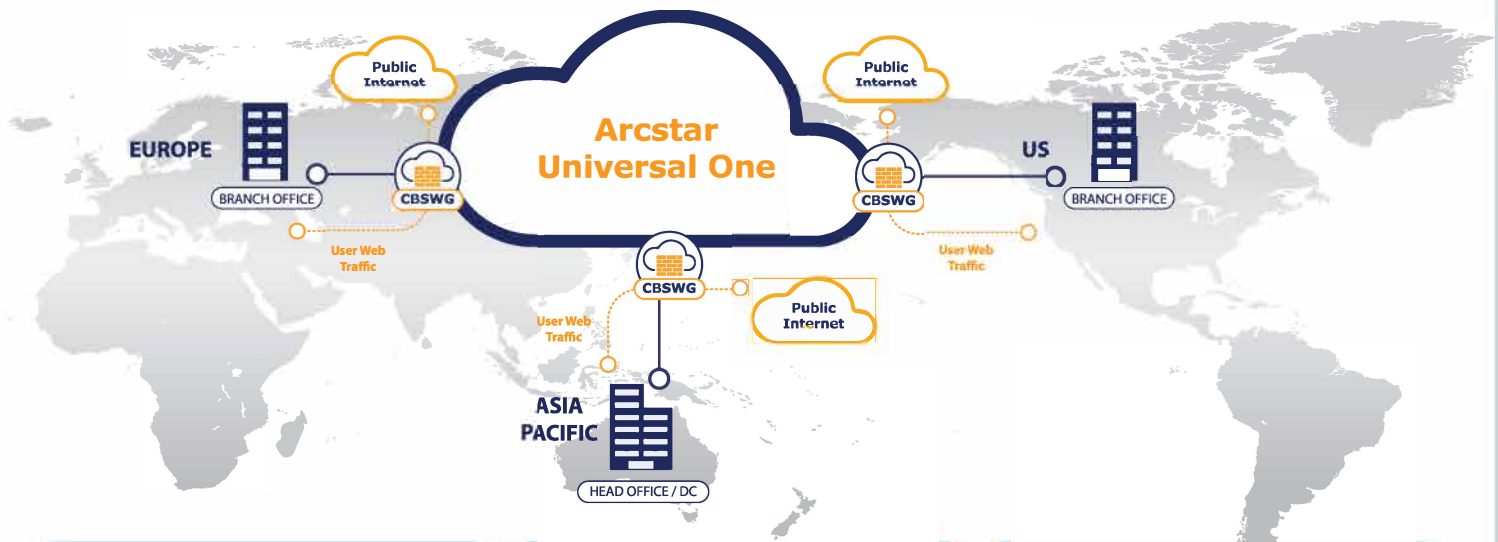
### Pay-per-use pricing model

- Pay by hours, days, months or years

### Central management via the Customer Portal

- Full visibility of activated services
- Simple provisioning and management

# How does it work?



## Improved End User Experience

with 50 Local Cloud Network Centers distributed globally

## Simplified Branch Office

as it requires no extra access-lines, devices and local IT staff

## Implemented Security Governance

through central management via the Customer Portal

**Over 50% reduction**  
in on-going costs

**Service delivered**  
in minutes

## Features

- **Firewall Security service**  
Access the Internet from 50 Internet gateways distributed globally
- **Intrusion Protection service**  
Detect and block: port scans, IP address sweeps, ICMP fragment attacks, viruses, spyware, known bots, worms and Trojans  
Protection against : HTML and malicious JavaScript
- **Zero-day antivirus protection**
- **Malware protection and botnet detection**
- **Active Directory integration**
- **URL Filtering service**  
Fully integrated, customisable web filtering engine implementation, which allows granular web-browsing policies
- **Policy Builder**  
Create, modify and delete policies applied to each of the provisioned services
- **Reporting**  
Firewall reports, IPS reports and system health reports
- **Optional log feeds to your own SIEM**

## WHO IS NTT ICT?

NTT Communications ICT Solutions (NTT ICT) provides network, infrastructure, security, cloud and managed services to Australian companies who care about quality. Our team of local experts and engineers help companies decide which solution will best suit their business and deliver bespoke tools and services to make it easier for them to operate and innovate. We help companies expand into Asia and globally, leverage their legacy IT and transform into next generation solutions and reduce complexity and risk.

NTT ICT is a wholly owned subsidiary company of NTT Communications, one of the largest ICT companies in the world. Our offerings are backed by NTT Communications worldwide infrastructure, including a leading global tier-1 IP network reaching 196 countries/regions and 130 secure data centers worldwide. Every day 80 of the Fortune 100 companies trust our technology to do their work.

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