



### Enforcement built into the foundation of the internet

With the dynamic security landscape increasing in complexity and severity, firewalls are not enough to protect your business – especially considering more users are roaming, using cloud based apps and accessing the internet off-corporate-network. Cloud Web Security acts as your first line of defence against threats on the internet, providing complete visibility into internet activity across all locations (on and off corporate network), devices and users – blocking threats before they reach your network or endpoints.

Cloud Web Security utilises a cloud security platform built directly into the foundational component of the internet - enforcing security at the Domain Name System (DNS) and IP layers. Through a global network infrastructure, it provides a unique and full-visibility view of the relationships between domains, IPs, networks and malware across the internet.

Using DNS-based technology, Cisco Talos intelligence and Cisco Advanced Malware Protection (AMP), Cloud Web Security can determine if a web request, URLs and files are safe, malicious or risky – which are either routed as usual, blocked or sent for deeper inspection, respectively.

Further, the solution continuously gathers data, runs statistical and machine learning algorithms and learns internet activity patterns to automatically identify attacker infrastructure being staged for the next threat, and then blocks users from going to malicious destinations.



Command & control call back blocking



Reputation scoring & advanced malware protection



Cloud sandboxing, retrospective security & file reputation



Intelligent proxy & comprehensive URL filtering



Policy enforcement



DNS & IP layer enforcement

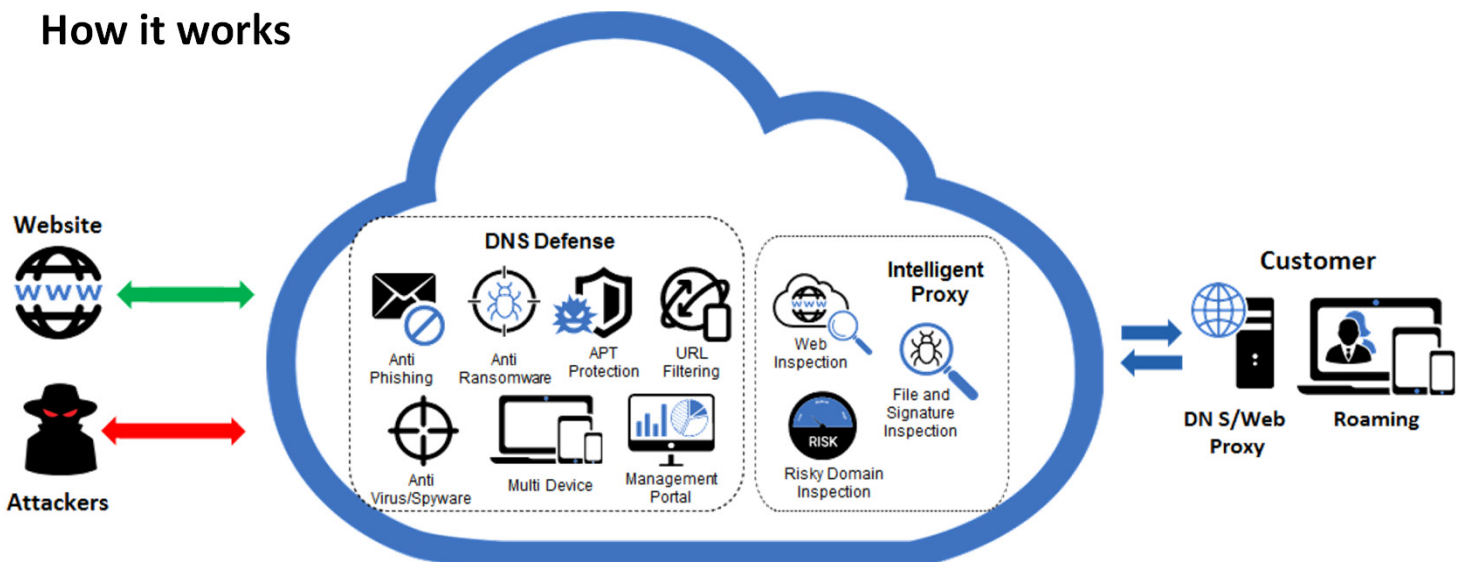


Cognitive threat analytics



Round the clock Australian based support

### How it works



**Cloud Web Security**





## Feature rich enterprise grade solution for any size business

### Advanced protection

Cloud Web Security is powered by Cisco Umbrella that adds a predictive security enforcement layer to stop phishing and malware infections earlier, identify already infected devices faster and prevent data exfiltration.

### Fast and reliable cloud infrastructure

Cloud Web Security is a 100% cloud solution, with no hardware to install or software to maintain, ensuring 100% uptime without added latency and rapid enforcements of security policies concurrently across 25 global data centres.

### 24/7 proactive monitoring & alerting capability

Redundant and fault tolerant infrastructure to ensure always-on availability.

### Premium support

Cloud Web Security support is handled by a team of highly experienced engineers with expertise in Australian cloud security landscape, providing ongoing incident management, problem management and security operations.

### Superior visibility

Full visibility is provided across all network devices, locations (online and offline) and users (on and off network) enabling logs of all activity for real-time, enterprise-wide activity search and scheduled reports, identification of targeted attacks (comparing local vs. global activity) and helps determine cloud and IoT risks.

### Fast and stress-free deployment

Cloud Web Security includes a full deployment work package with service design briefing and detailing, powerful pre-configured 'out-of-the-box' policies, basic testing & service verification, on-boarding and customer training with detailed documentation. Optional design and integration of Virtual Appliance (VA) & Connector and Active Directory (AD) is also offered (POA).

### Global intelligence

Powered by Cisco Umbrella's global network, the service can resolve billions of internet requests from millions of users every day – without adding any latency to the users – and analysis massive amount of data to detect patterns and uncover attacker infrastructure.

Cloud Web Security Features	Base Package	Standard Add-On
Cloud portal (single sign on) with RBAC based console	✓	
Umbrella portal	✓	
Command and Control callback blocking	✓	
IP Layer Enforcement	✓	
Intelligent Proxy	✓	
Web filtering	✓	
Collective security intelligence	✓	
Portal reporting	✓	
Centralised policy management	✓	
File reputation	✓	
AnyConnect	✓	
Virtual Appliance Integration		✓
Active Directory integration service		✓
Log extraction		✓
Data retention (integrated with Amazon S3)		✓
Essentials Work Package		✓
Enhanced Work Package		✓

### FOR MORE INFORMATION

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