

Data Sheet

# Cisco Umbrella At a Glance



Secure Workplace

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Enterprise security and networking are facing a significant transformation as organisations embrace SASE (Secure Access Service Edge). Wide-scale adoption of cloud applications, an increase in remote workers, and expansion of branch offices has rendered the centralised, on-premises security model impractical. The convenience, cost savings, and performance benefits of going direct to the internet is driving a new decentralised approach to networking. Yet with change comes risk and a new set of security challenges. Organisations require broader protection that not only improves security, but simplifies management.

### Integrated security from the cloud

Umbrella is the cloud-native, multi-function security service at the core of Cisco's SASE architecture. It unifies firewall, secure web gateway, DNS-layer security, cloud access security broker (CASB), and threat intelligence solutions into a single cloud service to help businesses of all sizes secure their network. As more organisations embrace direct internet access, Umbrella makes it easy to extend protection to roaming users and branch offices.

#### Key SASE benefits

- Broad, reliable security coverage across all ports and protocols
- Security protection on and off network
- Rapid deployment and flexible enforcement levels
- Immediate value and low total cost of ownership
- Single dashboard for efficient management
- Instant scalability across a global network

### Better intelligence drives better security

Leveraging insights from Cisco Talos, one of the world's largest commercial threat intelligence teams with more than 300 researchers, Umbrella uncovers and blocks a broad spectrum of malicious domains.

### Block malware easily

Built into the foundation of the internet, Umbrella processes 220 billion internet requests for more than 20,000 businesses every day. By enforcing security at the DNS and IP layers, Umbrella blocks requests to malware, ransomware, phishing, and botnets before a connection is even established — before they reach your network or endpoints. The secure web gateway logs and inspects all web traffic for greater transparency, control, and protection. The cloud-delivered firewall helps to log and block traffic using IP, port, and protocol rules for consistent enforcement throughout your environment.

IPs, URLs, and files that are being used in attacks. We also feed huge volumes of global internet activity into a combination of statistical and machine learning models to identify new attacks being staged on the internet.

### Speed up and improve incident response

Umbrella categorises and retains all internet activity to simplify your investigation process and reduce incident response times. And, by using the Umbrella Investigate console and on-demand enrichment API, you have access to insights (historical and contextual) to prioritise incidents and speed up incident response. Automated response actions simplify security by eliminating manual tasks and stopping attacks earlier in the process.

## The Umbrella advantage

Umbrella has a highly resilient cloud infrastructure that boasts 100% uptime since 2006. Using Anycast routing, plus data centres across the globe are available using the same single IP address. As a result, your requests are transparently sent to the nearest, fastest data center and failover is automatic. Umbrella peers with more than 1000 of the world's top internet service providers (ISPs), content delivery networks (CDNs) and SaaS platforms to deliver the fastest route for any request – resulting in superior speed, effective security and the best user satisfaction.

## About Forfusion

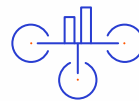
Forfusion specialises in supporting and delivering Cisco solutions into mid-market and enterprise. As an Advanced Security Architecture Specialized Partner we can help you navigate your SASE journey.

We consistently deliver robust, dependable solutions into extremely secure and challenging environments, we can be relied on to innovate, and de-risk significant business investments for our clients. Challengers and problem-solvers, we uncover our customers' requirements and work with them in a long-term partnership.

Our straight-talking nature and painstaking attention to detail ensure that we deliver expert services without compromise. And because we are committed to conducting business with strong moral principles, our clients can count on us to do what is right for them every step of the way.

Empowering companies to mitigate risk, and plan for the future through innovation and adoption, as well as optimising business performance through digital transformation.

### Our Advanced Specializations are:



Advanced Enterprise Networks Architecture



Advanced Collaboration Architecture



Advanced Security Architecture.

Our engineering and support teams hold between them the following Cisco certifications:

61x CCNA

7 x CCNP

4 x CCIE



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Free trial →

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