IRONSHARE
CYBER SECURITY SIMPLIFIED

Ironshare Web Security With Cisco Umbrella

SERVICE DEFINITION

SERVICE OVERVIEW

Ironshare provides Cisco Umbrella licensing for new & existing services / renewals, and fully managed DNS-layer security services to help organisations protect users, devices, and networks against malware, phishing, ransomware, and malicious internet activity.

As a Cisco MSP partner, we offer seamless procurement of Umbrella licences combined with expert operational management to ensure customers achieve reliable, cloud-delivered protection with minimal overhead.

Our managed services support secure access across on-premises, cloud, and hybrid environments, enabling centralised control and visibility for roaming users, branch offices, and corporate networks.

Ironshare can handle deployment, configuration, tuning, monitoring, troubleshooting, and ongoing optimisation, ensuring Umbrella is aligned to each customer's security goals and best-practice requirements. Or, leave It to your current IT team / provider to manage.

Cisco Umbrella provides a powerful, scalable security foundation that stops threats at the earliest possible stage—the DNS and IP layer—reducing infections, improving visibility, and strengthening the organisation's overall security posture. Ironshare's managed service enhances this capability with continuous analysis, proactive adjustments, and clear guidance to support your evolving environment.

Service Description

Ironshare supplies Cisco Umbrella licensing and delivers a fully managed security service designed to improve protection, simplify administration, and reduce risk. Our consultants support the full lifecycle of Umbrella, including onboarding, configuration, policy creation, reporting, and ongoing operations.

We provide continuous monitoring of threat activity and work with customers to ensure Umbrella remains effective as networks, users, and organisational requirements change.

This service includes deployment planning, policy optimisation, incident triage, and integration with other security tools such as Cisco XDR. Ironshare's experienced engineers provide high-quality operational support, enabling customers to gain maximum value from their investment in Cisco Umbrella without needing deep in-house expertise.

IRONSHARE SERVICES

Our services provide flexible options to support your solution deployment and ongoing operations:

- **Cloud licensing and subscription support** – light touch assistance with renewals, licence optimisation, and ongoing adjustments. (No managed service).

- **Professional services** – expert guidance on deployment, configuration, and best-practice implementation.

- **Fully managed service** – end-to-end operational management of your Duo environment.

Our qualified engineers offer specialist advice and clearly define the activities required to design, implement, and support your cloud-managed service.

Ironshare can also deliver comprehensive remote managed services for your Umbrella DNS & Web Security solution, including:

- Full or partial managed service options
- Deployment and configuration aligned to vendor and industry best practice
- Policy management and optimisation
- Alerting, triage, and reporting on security events
- Integration with wider network and security services

ABOUT CISCO UMBRELLA

Cisco Umbrella is a cloud-based security solution that protects your users wherever they connect to the internet. It blocks malicious websites, phishing attempts, and other online threats before they can cause harm, while also giving visibility into internet activity across your organization. Because it runs in the cloud, it's quick to deploy, easy to manage, and delivers protection both inside and outside the office.

Key Features and Benefits

Cisco Umbrella includes the following features and associated customer benefits:

1. **DNS-Layer Protection**
   Blocks malicious domains and command-and-control before connections occur, reducing infections and incident volume.
2. **Secure Web Gateway**
   Provides web filtering, malware detection, and enforcement of acceptable-use policies for safer browsing.
3. **Cloud-Delivered Firewall**
   Offers lightweight firewall capabilities without physical appliances, improving scalability and reducing deployment cost.
4. **Threat Intelligence from Cisco Talos**
   Ensures real-time protection using one of the world's largest commercial threat intelligence teams.
5. **Remote User Protection**
   Extends security controls to roaming staff, mobile workers, and cloud-connected devices.
6. **Content Filtering**
   Enforces organisational web policies and supports regulatory compliance requirements.
7. **Fast, Cloud-Based Deployment**
   No on-premise hardware required—simple setup with rapid time-to-value.
8. **Centralised Management & Visibility**
   Unified console for monitoring users, devices, locations, and network activity.
9. **Reduced Malware & Phishing Attacks**
   Prevents threats early, lowering remediation costs and improving resilience.
10. **Cisco XDR Integration**
    Enhances visibility, simplifies operations, and supports automated investigation and response workflows.

Cisco Umbrella Licensing Breakdown

DNS Essentials

Entry-level DNS-layer security suitable for basic threat protection.

Key Features

- DNS-layer security and threat blocking
- Protection against malware, phishing, and C2 callbacks
- Basic reporting and visibility
- Roaming client support
- Web content categorisation (limited)

For Organisations needing simple, effective DNS security without advanced filtering or investigation tools.

DNS Advantage

Expanded security capabilities with deeper visibility and control.

Key Features

Everything in DNS Essentials, plus:

- Access to Cisco Talos threat intelligence
- Investigate-lite capabilities (enhanced domain/IP analysis)
- Full URL filtering with granular controls
- Application visibility
- File inspection and blocking (via Cisco's threat intelligence pipeline)
- More detailed reporting and activity logging
- Support for enforcing security policies across multiple networks and roaming users

For Customers requiring stronger threat detection, more granular policy control, and improved visibility.

SIG Essentials (Secure Internet Gateway Essentials)

A more complete cloud security suite, expanding from DNS security to secure web gateway and cloud firewall functionality.

Key Features

Includes all DNS Advantage, plus:

- Secure Web Gateway (SWG)
    - HTTP/HTTPS proxy inspection
    - Malware scanning
    - Advanced content filtering

- Cloud-delivered Firewall (L3/L4)
- Full URL filtering (advanced modes)
- Cloud access security visibility (limited)
- Shadow IT detection
- SSL decryption (selective)
- Application-based rules and monitoring

Ideal for Organisations seeking to start their SASE journey - a full web security stack with deeper inspection and cloud firewall controls, without needing advanced analytics.

SIG Advantage (top tier)

The most advanced Umbrella bundle, offering full SASE-style capabilities with expanded firewall, CASB, and analytics.

Key Features

Includes all SIG Essentials, plus:

- Advanced Cloud Firewall (L7 app-layer filtering)
- CASB (Cloud Access Security Broker)
    - App discovery
    - App risk scores
    - Deep app control
- DLP (Data Loss Prevention)
- Advanced malware analysis (sandboxing)
- Full Umbrella Investigate
    - Domain/IP threat scoring
    - Global threat graph enrichment
    - Historical threat analysis
- Extended reporting retention and detail
- Cisco XDR integrations and automation capabilities

For those Customers needing comprehensive cloud security (SASE), full threat investigation, data protection, and enterprise-grade firewall & CASB features.

ABOUT IRONSHARE

We are an IT Security Consultancy based in the Midlands. Our expertise in this area allows us to deliver proven, tried and tested results to our customers, and as a flexible business, we can be agile to our customer needs, while remaining commercially attractive in the market.

In addition to the board of directors, our team consists of analysts, administrative staff, and regional consultants from around the UK. These consultants can be called upon at any time during our customer engagements, to scale up or down our available resources, as and when required.

Our main business is in the provision of Security Consulting services to customer organisations for security health checks and assessments, project design and delivery of secure solutions, investigations, incident response, or training. We also cover Managed Security services, security policy documentation, risk analysis, secure build hardening and technical standards, and offer a retainer service which means companies get specialist knowledge without having to have expensive experts on the payroll.

CISCO PARTNERS

Ironshare are a registered Cisco Select partner, that have been certified in the Security Specialisation. We do however have experience across the technology sector and will assess every situation on its own merits. This means that we make recommendations to your business based on what is best for you and may offer third-party solutions from other recognised leaders in the industry.

COMPANY DETAILS

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