

# Cisco Umbrella for higher education.

Easily extend threat protection on and off campus.

## Cloud security and web filtering platform that protects any device, anywhere

As a higher education institution, your goal is simple: to provide fast, safe, reliable internet service to faculty, staff, and students. But it's becoming more difficult to effectively enforce security in today's higher education environments with your highly distributed global networks, the increase in roaming users, and fast evolving threats – all which leave your network vulnerable to device infections and network breaches.

So the question stands: How do you secure an institution, yet maintain a free and open network for brilliant minds to exchange and collaborate on the new theories and inventions that shape our world? The answer is simple: Cisco Umbrella.

Because Umbrella is built into the foundation of the internet, it delivers complete visibility into internet activity across all locations, devices, and users. Plus, it blocks threats over any port or protocol before they ever reach your network or endpoints. Protecting users against malware, phishing, and command and control callbacks, Umbrella is your first line of defense against threats on the Internet. Over 200 educational institutions rely on Umbrella to deliver fast, secure access across campuses and reduce malware infections – all with a cloud-delivered service and minimal maintenance for your IT staff to handle.

## Cloud-delivered security that scales

- 80+ billion daily Internet requests
- 65M+ users
- 7M+ malicious destinations enforced at any given time



25 load-balanced data center locations across 160+ countries

*"The reason we chose Cisco Umbrella was because it offered a really high level of protection for our various different user bases with a really low level of interaction required to implement the solution."*

Mike Glyer  
Dir. of Information Security,  
George Washington University

Trusted by leading colleges and universities



## Benefits

### Simple to deploy, yet powerful and effective security

- Start protecting users in minutes by simply pointing your DNS traffic to our global network. No new boxes to install or software to manually update.
- By performing everything in the cloud with 100% uptime, we remove the typical operational complexity and won't add any additional latency.
- Umbrella scales on demand. Whether you're managing one campus location or dozens, scalability won't be an issue.

### Stop threats that firewalls, web filters, and antivirus miss

- Prevent malware infections and phishing attacks by blocking the DNS request before the connection is even attempted.
- Contain infected devices' ability to call back to botnet controllers over DNS, P2P, IRC, or any other app, port, or protocol.
- Block emerging threats. Umbrella sees over 1 million internet events every second, so we can discover and predict where on the internet new attacks are being staged.

### Extend protection beyond the perimeter

- Extend protection for faculty and staff when they are off campus.
- Expand existing coverage of FireEye, CheckPoint, and other partners, through turn-key and custom integrations.

### Gain visibility and control across your distributed campuses

- Through a single dashboard, view security reports and apply centralized settings across organizations and campuses.
- Gain visibility into cloud app services and usage across your network.



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Extend protection beyond the perimeter



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Gain visibility and control across your distributed campuses

Most popular partner integrations



AMP Threat Grid



### Optional add-on: Multi-org console

- Simple, centralized management across multiple campuses or organizations
- Globally-centralized, yet locally-customizable policies
- Block and allow all destinations, once and for all
- On-demand flexibility to set up tens to hundreds of orgs, no boxes required