Advanced Global CDN

Manage sites, drive growth through iteration, calibrate control over branding, and extend enterprise-grade security.

Advanced Global CDN extends our Global CDN offering — both powered by Fastly. Manage groups of websites without forcing visitors to juggle various subdomains, enhance CMS security, and unlock personalization and targeted messaging at scale. Let teams drive growth by enabling iterative testing and WebOps (website operations). Regain control over messaging and intellectual property with location-based blocking and redirection, a customizable WAF, and IP blocklisting.

Unlock Growth Through Iteration

Enable agile marketing, WebOps, and growth through iterative testing and site update launches. By reviewing requests at the edge, before your CMS starts, it's possible to direct traffic to new or test pages — all with a seamless experience for visitors.

Set Brand and Teams Free

Empower your best teams and brands to own their website while maintaining visibility and security compliance. With domain masking, teams can independently manage Drupal and WordPress sites without the obstruction of subdomains or risk of SEO loss.

Control Messaging & Intellectual Property

Exercise control over your brand like never before with measures that include geolocation blocking, redirection, and IP allow/blocklisting. Leverage custom logic at the edge to show your visitors exactly what they should see, and nothing else.

Powerful Edge-Based Security

Unlock the power of the edge to enable secure control over your full stack. Advanced Global CDN allows for the delivery of custom edge-based services and rules, including Fastly's robust web application firewall (WAF) for control over your brand.

We Handle Setup, Maintenance, and Support

Advanced Global CDN is delivered by Pantheon's highly experienced Professional Services team, which sets up, configures, and maintains your Fastly edge configuration. No need to be an edge expert yourself, our team automatically updates WAF rules for your sites.

Global CDN is Always Included

Global CDN renders pages with extraordinary speed by caching pages at the edge and utilizing Fastly's points of presence.

Core Features

Domain Masking/Reverse Proxy

Frees teams to own and manage their websites under a single domain and enable page-by-page migrations — all with a seamless user experience.

Geolocation Based Edge Control

Regain control of your brand and intellectual property with fast and accurate location-based headers, blocking, and redirection.

Web Application Firewall (WAF)

Ensure site integrity with a CMS-tuned web application firewall.

Image Optimization

Engage visitors in real-time with modern image formats and rich content, rendered at light-speed from the edge, that compels and converts.

Rate Limiting

Curtail malicious traffic, including brute-force login and denial-of-service (DoS) attacks on critical assets, including login pages by throttling traffic at the edge.

Global CDN

Deliver rich web experiences to your visitors and never miss an opportunity to engage with managed HTTPS certificates.

AGCDN Packages

Solutions to fit business needs on every step of the journey.

Content delivery and website interface has moved to the edge. Geofencing, A/B testing, stage migrations, firewalls - all can be done better and more efficiently with Pantheon's Advanced Global CDN - now with more options than ever.

Available Packages

Advanced Global CDN w/WAF IO

Complete Solution

Unlock the power of the edge to enable secure control over your full stack. Advanced Global CDN w/ WAF IO brings a full suite of edge security capabilities that ensures site integrity with a CMS-tuned web application firewall (WAF), rate limiting to guard critical assets, and engage visitors in rich content with image optimization (IO). The WAF, powered by Fastly, inspects each un-cached request in excruciating detail and rapidly applies rules to keep your online presence stable.

Advanced Global CDN

Unique Optimizations for Digital Delivery at Scale

Advanced Global CDN extends our Global CDN offering—both powered by Fastly. Pantheon users can easily manage edge customizations for groups of websites, unlock personalization and targeted messaging at scale. With Advanced Global CDN, users can regain control over messaging and intellectual property with location-based blocking, redirection, and IP blocklisting.

Security Starter

Improve Security & Maintain Compliance

As attack surfaces expand, businesses require additional security beyond the CMS to protect their web sites. Pantheon's Security Starter brings industry standard rules including OWASP and Drupal/WordPress protections. Secure your sites with a web application firewall (WAF) - tuned for each CMS, geolocation and IP blocking.

IO Starter

Rich Content from Globally Distributed Points of Presence

Improve Lighthouse scores and core web vitals with improved page load times. Pantheon's IO Starter package brings modern image optimization and auto WebP support to render pages at light-speed from the edge, offloading work from your servers and adds resilience to your site.

Service / Feature	Global CDN	Advanced Global CDN	Advanced Global CDN + WAF/IO
Availability	Included	Contact Sales	Contact Sales
Performance			
Image Optimization (IO) at the Edge*	With IO Starter	With IO Starter	✔
Full-Page & Asset Caching	✔	Included w/ Global CDN	Included w/ Global CDN
Security			
IP Allow/Blocklisting	✔	✔	✔
IP Allow/Blocklisting at Edge	With Security Starter	✔	✔
Layer 3 & 4 DDoS Protection & Mitigation	✔	✔	✔
Layer 7/Enterprise WAF Rules*	With Security Starter	✘	✔
Managed HTTPS (SSL/TLS)	✔	✔	✔
Origin Shielding	✔	✔	✔
OWASP & WAF Rules for WordPress/Drupal*	With Security Starter	✘	✔
Rate Limiting for Form & Log-in Pages	✘	✘	✔
SOC 2 Type 2 Compliance	✔	✔	✔
Token Authentication / JWT (JSON Web Token)	✔	✔	✔
Token Auth / JWT - Advanced	✘	✔	✔
Management			
Custom Error & Maintenance Page Rules	✘	✔	✔
Device Detection & Edge Control	✘	✔	✔
Domain Masking	✘	✔	✔
Edge Redirects	✘	✔	✔
Enterprise Blue/Green Support	✘	✔	✔
Full CDN Edge Logs	✘	✔	✔
Geolocation / Geofencing Edge Control	With Security Starter	✔	✔
Modify Headers at the Edge	✘	✔	✔
Starter Packages			
Security Starter*	Optional	Optional	Included
IO Starter*	Optional	Optional	Included
Contact Sales for standalone WAF and IO options			