

Adaptive Edge Engine

Intelligent edge workload placement and optimization

Section's patented Adaptive Edge Engine (AEE) automatically manages global distribution of edge deployments to provide an optimized edge, always.

Control cost, placement, performance, and scale at the edge.

Section's patented AEE intelligently and continuously tunes and re-configures your edge delivery network to ensure your edge workloads are running the optimal compute for your application. With the AEE, you don't need to worry about infrastructure provisioning, workload orchestration, scaling, monitoring, and traffic routing. Simply define your deployment strategies, and it just works.

Key Benefits



Automated Optimization

Continuously tunes your global network based on real-time contextual data feeds.



Reduced Operational Complexity

Abstracts away the complexities associated with building and managing a distributed network.



Compute (Cost) Efficiency

Dynamically optimizes compute efficiency for every application, delivering optimal performance for the lowest RAM and CPU utilization.



High Availability

Ensures your applications remain online across providers, regions, and endpoints.



Section has taken the pain out of managing and scaling workloads across multi-region and multi-cloud, offering the right level of core complexity abstraction to build on.

Stuart Rowlands, Founder & CEO, QuantCDN

Key Features



Minute-by-Minute Decision Making

AEE continuously adapts to real-time data feeds to intelligently orchestrate workload placement and traffic routing.



Optimized DNS & Anycast Routing

Traffic Director routes traffic to edge deployments based on defined strategies that are unique to each application.



Built-In Health Checks

Health Checker continuously monitors the health of available endpoints and ensures readiness to accept traffic.



PoP Filtration & Selection

Location Optimizer executes user-defined, intent-driven 'policies' (e.g. latency, compliance, geo) to run your workloads in the most suitable edge locations.



Autoscaling

Kubernetes-native autoscaling features automatically adjust resource allocations for your application's requirements.



Observability

Section's Traffic Monitor enables you to view real-time traffic flows to evaluate performance, diagnose issues, observe patterns, and share value with key stakeholders.

Why partner with Section?

Section delivers all the benefits of a dynamic, customized Edge for your applications without sacrificing DevOps simplicity, control, or flexibility.

7x

Proven to perform up to 7x faster than centralized cloud.

10K

Over 10,000 domains powered by the Section platform.

5m

Deploy your application to Section in 5 minutes or less.

Let's get started

Start experiencing the benefits of the Optimized Edge. Reach out to contact@section.io to get started.

