Edge computing moves information processing close to the edge and close to the consumers or producers of that information. Akamai EdgeWorkers enables developers to create services and deploy their own code across the Akamai Intelligent Edge Platform, the world’s largest low-latency serverless compute network – for fast execution of logic in closest proximity to end users.

1. Web application firewalls (WAFs) deployed within the edge help filter invalid and potentially harmful traffic before it proceeds toward your infrastructure.
2. Geographic information can be used to scope the right content optimizations for the right user segmentation.
3. EdgeWorkers functions as a service (FaaS) allow requests and responses to be granularly transformed as they stream through the CDN.
4. Cached web content reduces DNS lookup times and accelerates traffic to enable fast, responsive end-user experiences.
5. EdgeWorkers response providers act as surrogate origins that can fetch content from various data sources, conditionally stitch web content fragments or API data together, and provide a targeted experience to the user segment that requested the content.
6. Geographical information can be used to scope the right content optimizations for the right user segmentation.

KEY PRODUCTS
- Traffic Filtering ► Web Application Firewall, Bot Manager, or Request Control Cloudlet
- Website Optimization ► Ion or Dynamic Site Accelerator and EdgeWorkers
- Route Optimization ► Global Traffic Management and Application Load Balancer
- Personalization ► EdgeWorkers