

Dynamic Site Accelerator

Scale | Performance | Intelligence



Edge Delivery Services
powered by Akamai

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Dynamic Site Accelerator

Our industry-leading scale, performance and intelligence solutions make web experiences fast, reliable and secure while maximizing infrastructure offload and operational agility.

Consumers browsing and buying online expect instant gratification and an experience that is increasingly more entertaining, personalized with suggestions and offers specifically for them. Delivering on this expectation requires rich, interactive content and applications that are generated dynamically. But the very innovations that make these experiences so engaging also slow page downloads and put the consumer experience at risk.

Rendering pages on the fly can lead to delays and failures in content delivery, causing online customers to simply abandon the site. Websites must provide superior performance for every customer, scale to handle high traffic loads during peak usage periods and provide 24/7 availability.

Dynamic Site Accelerator gives you performance up to five times faster than your original web infrastructure and handles the specific requirements of dynamically generated content – without a costly hardware build-out. It speeds-up and secures highly interactive websites and provides visibility and intelligence on usage, visitors and online activity. Built on our globally distributed intelligent platform, it helps you scale immediately to easily meet sudden needs like holiday shopping or flash sales.

“Dynamic Site Accelerator helps us ensure a fast and consistent user experience at all times, even during peak traffic, which leads to higher customer satisfaction and more sales.”

– Steve Trimbo, Director of Online Operations, Best Buy

Introducing Situational Performance

It's no longer enough to accelerate dynamic web content in a homogenous way. Intelligence and interoperability are necessary to deliver an effective set of interrelated and layered optimizations that can be evaluated and applied in real-time, resulting in an optimal end-user experience based on the end-user's unique situation and context.

We refer to this intelligent, responsive, real-time optimization as “situational performance”.

Companies that don't consider situational performance will fail to capitalize on the fundamental shift of how businesses engage their customers online. Failing to meet rising end-user web experience expectations can result in lost revenue, rising cost, brand damage and audience erosion.

Ion is the first and only situational performance solution – a tightly integrated suite of scale, performance, and intelligence technologies required for real-time web experience optimization based on end-users' situations across devices, locations, browsers and networks.

Business Benefits

Better business results through fast, secure and scalable web experiences

- Deliver rich, engaging web experiences that exceed user expectations for speed and availability.
- Increase conversions and engagement while reducing abandonment across mobile and desktop web experiences.
- Increase transactions and engagement through uninterrupted availability.
- Achieve application scalability and performance under peak traffic conditions.

Reduced complexity of delivering web experiences

- Reduce the cost and complexity of developing and delivering rich, engaging experiences to users.
- Gain key insights into how your audiences connect and engage with your brand, across devices, browsers, networks and geographies.
- Gain greater agility with self-service configuration and intelligence.

Reduced cost of operations and infrastructure

- Reduce operational cost and maximize infrastructure offload and application availability by leveraging the scalability and security of our intelligent platform.
- Focus development efforts on business requirements and competencies, rather than on optimization overhead.
- Deliver quality experiences across all geographies without infrastructure build-out.

“Increased site speed undoubtedly has been a major contributor to all of the beneficial effects we’ve seen on our sites over the past few months. Without Dynamic Site Accelerator, there is no way that a 100% increase in online bookings could have occurred.”

— Scott Ohman, Manager, E-Business Commercial, Cathay Pacific

Dynamic Site Accelerator is built on our intelligent platform, the global cloud platform designed to provide excellent performance, scale and security of web experiences delivered over the public Internet. Dynamic Site Accelerator is designed to extend your company’s existing data and application infrastructure so you can deliver fast, quality web experiences – regardless of how, where and when end-users choose to connect. Dynamic Site Accelerator’s layered approach to scale, performance and intelligence is backed by our industry leading performance and availability Service Level Agreement.

Scale

Dynamic Site Accelerator enables organizations to offload expensive web infrastructure, including bandwidth, compute and storage while providing web and mobile application availability and scalability.

Key Dynamic Site Accelerator Scale capabilities include:

Offload – Maximize Origin Efficiency

NetStorage

NetStorage is our cloud-based storage, offering an optimized storage solution for customers leveraging our Web Performance Solutions. NetStorage is secure, replicated storage that helps our customers reduce the burden and costs associated with storing content in a reliable manner. NetStorage is built by layering our proprietary replication technology and Global Traffic Management services on top of best-of-breed core storage. The result is a scalable, high-performance and highly available content storage service. Dynamic Site Accelerator customers can leverage NetStorage for applications deployed on our intelligent platform.

Access Control

Access Control allows customers to move authentication functionality to our intelligent platform rather than requiring these decisions to be made through interaction with origin infrastructure. This is primarily done for two reasons:

1. To reduce transaction time between end-users and authentication infrastructure.
2. To improve interaction with the origin where access can be centrally managed. Four different approaches are supported:
 - **Request-based blocking** – Our servers are configured to allow or deny access based on an attribute of the request; for instance, the source IP address or HTTP referrer header. This can be used to limit access to specific clients or from specific applications.
 - **Centralized Authorization** – Our servers are configured to check with the application server prior to serving content to any end-user. In this way, access may be controlled and/or denied. This method supports HTTP Basic Authentication, and it is generally the easiest way to integrate with third-party access control solutions, such as CA Single Sign-On®. Although it requires a round-trip to the application server on every access, Centralized Authorization provides scalability and performance benefits due to caching. As a result, the amount of data transferred from the application server to the edge is greatly reduced.
 - **Remote Authorization** – Similar to Centralized Authentication, but in this case, our servers are configured to check with a separate server, rather than the application server, prior to serving content to any end-user. This method can be used if you have a dedicated authorization server.
 - **Edge Authorization** – Security decisions are delegated to servers via encrypted cookies or URL tokens. Security policy information is communicated to the server by the application server via an encrypted cookie or URL tokens, and the server uses this information to grant or deny access as appropriate. Access can be denied or granted based on IP address of the end-user, presence or absence of a valid cookie, URL of content being requested, an expiration time set in the cookie, or URL tokens.

IPv6

As the number of IP devices continues to grow, a greater number of situations require support for the latest Internet Protocol, known as IPv6. IPv6 allows customers to continue to deliver their websites using IPv6, even when their infrastructure has not been upgraded from the legacy IPv4 standard. This provides organizations with the flexibility to service IPv6 clients today while planning and executing an IPv6 rollout strategy that can be subject to internal fiscal, security and business process scrutiny.

Availability – Always Online

Capacity On-Demand

With thousands of servers deployed around the world, our intelligent platform can absorb customers' peak traffic. Our network intelligence detects when traffic is increasing and automatically load balances traffic among servers and data centers that are best suited to service each user. Dynamic load balancing decisions are based on real-time analysis of a user's location, real-time Internet conditions, server and datacenter infrastructure capacity, and load. Dynamic Site Accelerator's cache optimization features maximize the amount of a site's content that can be offloaded to the platform, reducing hits to origin infrastructure and maximizing performance.

Caching

Dynamic Site Accelerator continuously pulls and caches fresh content onto servers that are close to end-users. Since 90% of the world's Internet users are within a single "network hop" of an edge server, nearly every one of your users can be extremely close to your cacheable content.

Delivery of web experiences via our intelligent platform proceeds as follows: each end-user request is directed to an edge server via our intelligent mapping. Upon receiving a request for content, an edge server will retrieve the appropriate content (HTML, CSS, image, JS, etc. from a local cache, another edge server or from your origin infrastructure (if the content is uncacheable or not available), apply optimizations as configured, perform any appropriate edge processing, and deliver the resulting content to the requesting user. Our globally distributed intelligent platform delivers between 15-30% of all daily web traffic.

To accomplish a high cache hit rate for content that changes infrequently, requests are directed to edge servers most likely to contain the requested content. Cache coherence features are designed so that the content served to end-users is always fresh. Content that has been marked as uncacheable, such as personalized information or real-time content, is retrieved from the origin for each request as appropriate.

To optimize performance, trips to the origin to retrieve uncacheable content are optimized through a variety of methods, including persistent connections and dynamic route optimization. Additional connection optimization techniques tune the parameters that govern server-to-server connections, as well as reduce the number of long-haul round-trips required to retrieve content.

Cache Optimization

Dynamic Site Accelerator provides a wide range of cache control features that enhance the cacheability of content including:

- **Setting content Time To Live (TTL)** values by matching on-file extension, file name or path. This enables content to be cached selectively at a maximum cache time without sacrificing the freshness of any content.
- **Modify Headers** – Dynamic Site Accelerator can insert the hostname of the URL from the client in the URL forwarded to origin servers so that no modifications to the site's application logic are required.
- **Path Modification** – The Dynamic Site Accelerator server can rewrite the forward path when it makes a request to the origin server based on a simple rule or regular expression. For example, the server can rewrite all requests to insert an additional path component in the forward request. This is useful to avoid having to recode pages when the site's content is restructured.
- **Downstream Caching** – Enables management of downstream client caching – proxy servers or client browsers.
- Set redirects based on URL or path value.

Site Failover

Dynamic Site Accelerator helps web and mobile application availability with comprehensive failover capabilities. We monitor the availability of your origin infrastructure and reroute requests when the origin is not available. In the case of origin failure, Dynamic Site Accelerator can be configured to serve content from the edge, our cloud storage (known as NetStorage) or an alternate origin infrastructure.

Performance

Dynamic Site Accelerator is an automated solution for delivering rich, interactive, dynamically-generated content to users who have high expectations for the performance of their web experiences. Dynamic Site Accelerator helps organizations accelerate web application responses, anticipate requests and reduce the number of bytes needed to fulfill those requests.

Accelerate – Faster Responses

Transport Protocol Optimization (TCP)

Internet communications over TCP are governed by a number of parameters. The values of these parameters govern the speed of downloads by controlling the rate at which data is transmitted and the manner in which the server recovers from packet loss. Our Professional Services and Integration Consultants, working closely with customers, will be able to tune these parameters on a per-site basis, resulting in additional performance improvements for the delivery of dynamic application content. Tunable parameters will fall into two broad categories:

- Parameters that control the rate of data transmission.
- Parameters for loss recovery.

SureRoute for Performance

SureRoute chooses the most optimal path to the origin to ensure a site will be continuously accessible and that dynamic content is delivered to end-users via the fastest, most reliable route. Inside the edge network, proprietary techniques are being used to accelerate content delivery and avoid Internet congestion points as well as unnecessarily long routes. An optimal path between your origin infrastructure and edge is selected based on real-time data collected– based on this data, it may be direct (as recommended by BGP) or indirect through an intermediary edge server. As a result, fully dynamic and transactional content is delivered more quickly and more reliably to end-users, even when it is uncacheable.

Prefetch – Anticipate Requests

Prefetching

The rendering of a webpage generally requires multiple round-trips between the client and the web server. The first round-trip is the request/response for the webpage HTML, and subsequent round-trips are for the requests/responses for the embedded objects (images) within the webpage. By leveraging a prefetching capability designed to reduce the number of long-haul round-trips required to retrieve embedded content, we are able to further minimize the amount of time it takes a browser/client to load and display a webpage, including the embedded objects.

For dynamic application content, customers often configure edge servers not to cache the HTML pages generated by the origin servers but rather to simply act as a proxy for the request and response. By parsing the HTML returned by the origin server, the edge servers can begin making requests back to the origin for the embedded objects while simultaneously sending the HTML back to the client. The client then parses the HTML page and sends requests to an edge server for the embedded objects. Because the edge server has already retrieved the objects from the origin prior to receiving a request for these objects from the client, it is able to respond to the client's requests immediately, serving the requested objects from its memory cache.

Minimize Payload – Fewer Bytes

Compression

Dynamic Site Accelerator also leverages performance-enhancing compression technology. Compressing content before it is sent to the end-user is especially effective at reducing transfer times for HTML content to users on slower connections. Since application pages are often light on graphics, this technique can be particularly effective for improving performance of transactional content.

Intelligence

Dynamic Site Accelerator provides unprecedented insight into the web experiences of your actual customers while empowering the edge (or your origin infrastructure) to make decisions based on that intelligence. Key Dynamic Site Accelerator capabilities include:

Insight – Understand End-Users

Site Analyzer

Site Analyzer enables synthetic performance monitoring that allows you to understand web application performance across globally deployed test agents. Site Analyzer provides a view of the web application, including average response times and availability by location. It also provides error analysis with the capability to drill down by each page, objects on each page, HTTP response codes, size and checksum for each item, and IP address contacted for each request.

Site Analyzer is available through the Luna Control Center which also offers alerting, customizable reports and test provisioning. Dynamic Site Accelerator customers can use Site Analyzer to measure application performance, define and maintain SLAs, and benchmark against the competition.

Real User Monitoring

Real User Monitoring (RUM) provides key insight into end-user experiences by monitoring websites and collecting data from real end-users. We in-line about a kilobyte of JavaScript (JS) into the section of a webpage that will subsequently collect timing data from the end-user's browser when the page is delivered and executed. The RUM JS is very lightweight and specifically designed to have an imperceptible performance footprint. With RUM, data is gathered about individual page requests and sent back for processing, aggregation and reporting. RUM provides visibility into what an end-user actually experiences based on their browser, OS, geography and protocol (IPv6). This insight can be used to identify where opportunities for further optimization lie. We believe that RUM is a means of evaluating end-user experiences that is complementary to synthetic monitoring like Site Analyzer or other third-party tools. By collecting and analyzing RUM data on your actual end-users, you stand to gain key insight into user experiences that may enable you to refine and improve synthetic monitoring, modify the implementation of specific optimizations and ultimately help improve end-users' web experiences.

Luna Reporting

Dynamic Site Accelerator includes Luna Control Center — our customer portal — which delivers intelligent tools for site and stream management, diagnostics, and collaboration to help you thrive in the hyperconnected world. Luna's enhanced, interactive reporting capabilities allow customers to visually explore and analyze their online assets and the audiences they reach. Starting from rich dashboard pages with a broad set of visual data, users can easily customize date ranges or use configurable widgets to drill down on data for greater detail. Reports capture key metrics such as traffic volumes, audience demographics, popular URLs, unique visitors, offload rates, and error and response codes. They can also be quickly annotated, downloaded and shared with team members.

Logic – Empower Edge & Origin

Content Targeting

Content Targeting enables you to customize your content to individual end-users. It accurately identifies the end-user's geographic location, network type and network condition so that content can be targeted in real time at the edge for each visitor. It also is designed so that your content will only be served to authorized users.

Beta Channel

Beta channel is an always-on program that allows you to quickly and easily adopt and evaluate our new and cutting-edge beta capabilities. We will associate new capabilities as they are ready to be used under beta terms and conditions. This approach allows you to subscribe to all beta capabilities in the Beta Channel rather than adopting each beta feature individually. As new beta capabilities become available, they will be placed in the Beta Channel. Key Dynamic Site Accelerator Beta Channel capabilities include:

SPDY

SPDY is an application-level protocol developed by Google for efficiently and securely transporting web content. The primary goal of SPDY is to reduce latency. SPDY has been recognized as an important milestone on the path to HTTP 2.0. SPDY benefits include header compression, which eliminates redundant data for headers; out-of-order request processing, which avoids head-of-line blocking for responses; and use of a single TCP connection for multiple requests, which eliminates overhead for TCP connection establishment that can be especially high on mobile networks. Most versions of Firefox, Chrome, Android Browser and Opera support SPDY. The Beta Channel implementation of SPDY is from the edge to the client only.

Predictive Prefetch

Predictive Prefetch seeks to offer prefetching of resources earlier in the page transaction in order to have more resources available at the edge before the user has requested them. Predictive Prefetch evaluates the end-user request and begins making decisions to prefetch objects based on prior observation of similar requests. Because this prefetching is based on the parameters of the request, it is even possible to prefetch elusive resources requested by Javascript.

Predictive Prefetch, when given enough data about a prior request, will predict the dependent objects and prefetch them at the same time the main parent request is being made from origin. This helps gain efficiency in round-trip requests necessary to make more resources available at the edge sooner, helping to improve the end-user experience.

Additional Options

Dynamic Site Accelerator can be extended and customized with a variety of Options to further improve web application performance, insight and security. Key Dynamic Site Accelerator Options include:

Advanced Offload

Advanced Offload can further improve performance and significantly increase infrastructure offload using Dynamic Page Caching (DPC), Dynamic Content Assembly (DCA) and Advanced Cache Optimization (ACO) capabilities.

A commonly held misconception is that pages containing dynamic content, or variations of the same content, are not cacheable. The assumption is that web applications that serve different pages to different users using the same URL must process each request uniquely, and that those pages must therefore always be delivered uniquely from origin infrastructure. Advanced Offload can further improve performance and significantly increase infrastructure offload by conditionally caching these objects per audience.

In most web applications, only a subset of end-user requests require truly personalized responses, and a large portion of the inbound requests come from end-users who are not logged-in, have no items in their cart and no display settings that might vary content. Pages like the home page, product detail pages, category pages and top search-result queries appear the same to many users, yet are typically handled uniquely (and unnecessarily) by the application tier. This increases load on origin infrastructure and reduces performance and scalability during peak traffic periods.

Fortunately, most end-user requests for truly unique content are often separately identified via information contained in host headers, cookies, URL query strings or other components of the user request. These identifying pieces of information can be incorporated into the caching decisions that we use to respond to requests, and special handling of these additional information pieces can allow us to cache content that might otherwise be considered dynamic.

Advanced Offload makes complex content cacheable on edge servers by allowing flexibility in how cached objects are labeled and identified. For most applications, logged-in end-users are given a specific cookie that differentiates them from an end-user that is not logged in. The same usually holds true for end-users who add items to their shopping cart (whether logged in or not. These cookie values and query strings can be read and included as part of the cache key (a unique object identifier used to group objects in cache.) The solution makes it possible to modify an object's cache key to contain only the URL components and request attributes that are appropriate for the defined content. As a result, edge servers can make intelligent decisions about complex content that would otherwise be non-cacheable.

China CDN

China CDN augments Dynamic Site Accelerator with delivery of content into China while ensuring full compliance with all Chinese government licensing requirements. Our technology running on servers hosted by partners within China are leveraged to provide additional acceleration of dynamic content that edge servers deployed outside China could not provide alone. The servers deployed in mainland China leverage our software and fully interoperate with the globally-deployed intelligent platform. The result is improved application response times for content and application users within China.

Secure (TLS/SSL) Network Access

Delivering secure (HTTPS) content often requires companies to substantially overprovision their infrastructure to maintain performance at high loads. This is mainly due to the CPU and bandwidth intensive nature of TLS/SSL interactions. Dynamic Site Accelerator Secure relieves you of this burden by taking advantage of our globally distributed platform. Secure content is delivered over a dedicated portion of the intelligent platform. The TLS/SSL Network has been designed by our security experts to meet robust levels of physical, network, software and procedural security.

Edge servers are placed in data centers specifically selected for their high levels of security, in accordance with strict PCI DSS (Payment Card Industry Data Security Standard) requirements. The servers are located in locked cabinets with cameras and other intrusion-detection devices. Our software has been designed to secure private and sensitive information. Additionally, the servers are continuously monitored and audited. Inaccessible servers are programmed to delete any sensitive information. Tight procedures govern the access, updates and maintenance of all the servers and the software. Only a very small number of highly trained and authorized personnel are allowed to access and modify these systems.

To enable us to serve your secure content, you must furnish Edge Delivery Services with an SSL certificate or we can purchase and provision different types of SSL certificates for you. Using the certificate assigned to us, edge servers establish secure sessions with clients. When appropriate to do so, edge servers serve cached content to the client. Otherwise, maintaining the secure session with the client, edge servers fetch content from the origin (via optimized and persistent TLS/SSL connections and serve it to the end-user.

One of the ways to optimize TLS/SSL connection establishment is a technique called Early Termination (ET). ET simply means getting servers as close to your end-users as possible to reduce round-trip latency. This is one of our core capabilities with 90% of the world's Internet users within a single "network hop" of an edge server.

Cloud Monitor

Our Cloud Monitor is a cloud-based, push API service that delivers critical transaction and security event data from our intelligent platform to your reporting environment. The Cloud Monitor API feed can be integrated with your existing reporting and analytics tools, or you can leverage out-of-the-box integration via our partnerships with BMC and Sumo Logic. Cloud Monitor was built to provide critical insights and help you overcome the challenge of extracting business value from any applications that you are migrating to or currently delivering from the cloud.

Control

Dynamic Site Accelerator includes the Luna Control Center which delivers intelligent tools for site, stream and security management, diagnostics, and collaboration to help you thrive in the hyperconnected world. Accessible via web, mobile and API, Luna makes it easy for businesses to configure their services, monitor performance, analyze traffic and resolve end-user issues - all in real time, from any device, anywhere.

Designed around the core principles of guided self-service and actionable insight, Luna offers you the data and metrics most relevant to your business and then enables you to take action on that data immediately. Through a remarkably simple and user-friendly interface, Luna Control Center gives you hands-on visibility and control over the tremendous capabilities of our intelligent platform.

Luna's self-service capabilities are unusually extensive and powerful, yet presented in a way that is safe and simple. Intelligent guidance and best practices are embedded throughout the intuitive User Interface (UI) allowing customers to automatically leverage our expertise while retaining independent control and visibility.

In addition to its broad self-service management and diagnostic capabilities, Luna provides an enhanced support interface for customers to access the Knowledge Base, view training resources, open support cases and contact us for any additional assistance needed.

Luna Property Manager

Luna Property Manager enables you to easily create, edit and deploy your service configurations on your own, without involving our support teams. Whereas many self-service tools only provide the most basic configuration capabilities, Luna Property Manager offers a powerful rules engine, supporting an extensive set of criteria and behaviors including: cache management, header and cookie handling, performance optimizations, security and access control, mobile capabilities, origin failover options and many other advanced features. With Luna, customers have an unprecedented level of self-service control over the sophisticated capabilities of the intelligent platform. At the same time, configuration is a simple, single-screen process with extensive self-guiding features. Context-sensitive help, real-time error and logic validation, and pre-configured rule templates help customers manage their own services effectively with little or no ramp-up time.

Complementing Luna Property Manager is an integrated staging network, called the Edge Staging Network (ESN) for testing configuration changes made prior to production deployment. Benefits include the removal of the risks associated around 'live' testing of configuration changes and reduced costs, since there is no need to purchase and manage additional infrastructure for internal testing

Alerts

With Dynamic Site Accelerator, content is delivered from our intelligent platform, keeping enterprises' origin infrastructure shielded from the public Internet. However, as the connection between the origin and the intelligent platform is critical to delivering the latest content, enterprises must be aware of any origin issues and address them proactively. We monitor origin infrastructure 24/7/365 to identify real-time alerts, generating email to web system managers whenever enterprise-defined thresholds have been crossed. Alerts are tailored to your specifications to inform you of critical conditions including:

- High MB Delivered
- Edge bandwidth usage (drops or bursts of traffic)
- Origin server failure
- Origin connection failure
- Origin DNS failure
- SSL transaction failure
- Access denied at origin
- Object not found

Service-Level Agreements

To add substance to our claims of improved performance and high availability, Dynamic Site Accelerator provides a service-level agreement for:

- **Availability of our intelligent platform:** The Dynamic Site Accelerator service will serve content 100% of the time.
- **Performance Enhancement:**
 - In North America, Dynamic Site Accelerator will deliver content at least 20% faster than the daily average-delivery time for the same page delivered from the customer's origin server.
 - Globally, Dynamic Site Accelerator will deliver content at least 50% faster than the daily average-delivery time for the same page delivered from the customer's origin server.

Services and Support

Dynamic Site Accelerator customers are supported by a comprehensive integration and support program. This program is designed to support the customer throughout their experience with us, from initial assessment to ongoing support and maintenance.

Professional Services

Our Professional Services team works closely with each customer to assess their current infrastructure, co-design an optimum site delivery infrastructure, and help integrate existing applications with Dynamic Site Accelerator. Our team works in four phases:

- Assessment
- Design and Planning
- Implementation and Testing
- Deployment and Optimization

Solution Architects, Technical Project Managers and Engineers work collaboratively with the customer to facilitate knowledge transfer, result-driven project management and on-time delivery.

Support

Our Customer Care provides a 24/7 single point of contact for all customer support issues in the post-sale phase of the account life cycle. Customer Care is responsible for all escalations until there is satisfactory resolution of an issue. All escalations are logged into the central ticketing database, which is accessible to the customer online via Luna Control Center. Our Customer Care provides customers with best-of-class support by excelling in all three areas: people, process and technologies. On the people front, the Customer Care team is composed of a globally-distributed staff with significant professional experience and advanced degrees. On the process front, Customer Care is designed around a customer-centric single-tier paradigm; the person answering the phone can solve any problem, anytime – customers will always get a knowledgeable consultant who can answer their questions. Together with the leveraging of advanced support technologies, Customer Care delivers state-of-the-art support that addresses the technical needs of customers efficiently and quickly.

For more resources on our industry-leading solutions, visit www.edgedeliveryservices.com/resources or [Contact Us](#) for a complimentary consultation.



Edge Delivery Services
powered by Akamai

IBM® Edge Delivery Services, powered by Akamai® is the leading cloud platform for delivering secure, high-performing user web experiences to any device, anywhere. It reaches globally and delivers locally. The platform manages the underlying complexities of online business – from device and format proliferation, to application and network security, to performance and reliability issues – so you don't have to.

Akamai® is a leading provider of cloud services for delivering, optimizing and securing online content and business applications. At the core of the company's solutions is the Akamai Intelligent Platform™ providing extensive reach, coupled with unmatched reliability, security, visibility and expertise. Akamai removes the complexities of connecting the increasingly mobile world, supporting 24/7 consumer demand, and enabling enterprises to securely leverage the cloud.

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