DATA SHEET

LIMELIGHT EDGEFUNCTIONS
SERVERLESS COMPUTE AT THE EDGE

CHALLENGES OPTIMIZING VIDEO AND CONTENT DELIVERY

The business of delivering compelling user experiences is growing more complex. You need to knit together services and technologies from multiple vendors to deliver the instant gratification your audience expects while managing your business. Increasingly that means your developers are integrating services to deliver video streams, authenticate users, personalize content, serve each viewer the right video format and bitrate, protect your content and more. Meanwhile you're designing new features and innovations to improve your viewers' experiences. But where should these functions be performed and how should they scale? Handling them in a centralized datacenter can add latency, create a sluggish viewer experience, and may also add unnecessary cost.

HOW LIMELIGHT HELPS SOLVE THESE CHALLENGES

Limelight EdgeFunctions is a serverless compute platform that empowers you to innovate to craft more compelling user experiences with your content and gain greater control of its delivery by running your code at the network edge. Limelight automatically makes your code available to edge locations around the world, executes at the network edge closest to the user to ensure the lowest latency, and scales to meet demand. EdgeFunctions is ideally suited to streaming video and content delivery use cases such as personalized streaming, access control and compliance, dynamic ad insertion, A/B testing and more. EdgeFunctions is tightly integrated with one of the world's highest-performing video and Content Delivery Networks (CDNs). EdgeFunctions gives developers tools to boost performance, customize workflows and scale rapidly while only paying for resources used.

FEATURES

- **Serverless Computing**—Serverless Function-as-a-Service (FaaS) lets you run your code without worrying about the underlying infrastructure

- **Low-Latency Execution at the Edge**—Minimize latency by executing your code at the network edge close to the user.

- **Supports Node.js, Python, and Go**—EdgeFunctions supports multiple popular programming languages

- **API-Driven**—REST APIs (Application Programming Interfaces) for simple and flexible creation, management and invocation of functions

- **Secure**—HMAC authentication requires username, MAC hash generated with the user's shared key and timestamp

- **CLI**—powerful CLI (Command Line Interface) for simplifying deployment and facilitating integration with DevOps tools

- **Elastic Capacity Scaling**—Limelight automatically scales compute capacity as demand changes, handling spikes without costly overprovisioning

- **Only Pay for Services Consumed**—Simple metered billing for requests and compute time

- **Optimized for Streaming Video and Content Delivery**—Integrated with high-performance network featuring private backbone, advanced software and peering with over 1,000 ISPs

BUSINESS BENEFITS

- **Innovation**—It's fast and easy to create new applications, add new features and improve user experience. The ability to execute functions at the network edge close to your users provides opportunities for flexible, highly responsive experiences.

- **Developer Empowerment**—An API-first approach to serverless computing with support for Node.js, Python and Go means developers can focus on innovation and integration without the complexity of managing underlying infrastructure.

- **Control**—Enhance your ability to control and customize your streaming video and content delivery workflows by moving functions to the network edge, providing the control you need with fast response time.

- **Reduced Latency**—Delight your users by moving compute to the edges and executing at the closest location for each user session, providing significantly lower average latency compared to centralized cloud serverless compute.

- **Global Scale and Reach**—Limelight automatically makes your code available to many edge locations around the world for global coverage and snappy response wherever your application needs it. Plus, EdgeFunctions features elastic resource allocation so capacity automatically scales as demand changes.

ABOUT LIMELIGHT NETWORKS

Limelight Networks Inc., (NASDAQ: LLNW), a leading provider of digital content delivery, video, cloud security, and edge computing services, empowers customers to provide exceptional digital experiences. Limelight's edge services platform includes a unique combination of global private infrastructure, intelligent software, and expert support services that enable current and future workflows. For more information, visit www.limelight.com, follow us on Twitter, Facebook, and LinkedIn.

---

info@limelight.com | limelight.com | EXPERIENCE FIRST

USA GLOBAL HEADQUARTERS
+1 602.850.5000

EUROPE, MIDDLE EAST & AFRICA
+44 203 728 6300

ASIA PACIFIC REGION
+65 6829 7125