Lumen®
CDN Mesh Delivery
Optimize & control video delivery costs

Cost optimization: a key component for successful video delivery

Traditional CDN pricing models based on volume commits and overages can send your monthly delivery charges through the roof when traffic is higher than expected.

With a peer-to-peer overlay that works in conjunction with your traditional CDN server infrastructure, you can avoid those overage charges while improving the performance and quality of experience for your end users.

Delivery costs can soar even with a robust CDN or multi-CDN strategy:

More viewers | Longer sessions | Higher bitrates | New geographies

With Lumen CDN Mesh Delivery:

Cost-effectively improve QoS
Increase bitrates and lower rebuffering rates without investing in new delivery infrastructure or services.

Avoid overage charges
Keep your CDN bill within budget during unpredictable traffic spikes.

Manage traffic spikes
Improve user experience by boosting infrastructure capacity with a flexible mesh network during high volume periods.

Easily reach new geographies
Users can access your videos through the peer-to-peer network instead of only a CDN edge server.

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Provide quality video & control costs with a flat rate pricing model

Providers have no control over the networks that deliver their content to the end users, the number of viewers who tune into their streams, the number of hours viewers watch, nor the resolutions of their screens. Yet traditional CDN pricing models nevertheless push the cost for high-quality video delivery onto the provider, thus making it more expensive and adding to the unpredictability of delivery costs from month to month.

Lumen® CDN Mesh Delivery solves this problem with innovative pricing models based on the number of concurrent connected viewers or sessions. Decorrelating price from bits delivered enables providers to control their delivery expenditures while offering better QoS (i.e. higher bitrates and lower rebuffering rates) at no additional cost.

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