When the whole world is watching

How Netskrt delivers large-scale live events and on-demand video closer to viewers with Lumen

Netskrt

https://www.netskrt.io/

Some of the world's biggest streaming platforms count on Netskrt to deliver their most-watched live events and video-on-demand. Built on Lumen Edge Computing, Bare Metal infrastructure, and the Lumen IP backbone, Netskrt spins up massive capacity in hours, places it close to viewers, and scales fast enough to keep pace with some of the biggest nights in live sports and streaming.



Challenges

- Live event streaming swings bandwidth from near-idle to full-tilt in minutes
- Traditional CDNs focus capacity in major metro areas, leaving rural and last-mile networks underserved
- Conventional infrastructure is permanent and requires a 6–9 month build
- Year-round billing for intermittent capacity creates an unsustainable cost model

Solutions

- Lumen® Edge Computing and Bare Metal infrastructure to place capacity close to viewers, on-demand
- Lumen IP backbone for low-latency delivery and deep peering relationships
- An edge footprint of 40+ lit U.S. locations, with room to scale capacity as demand grows
- Lumen® Advanced Managed Services, with Lumen engineers on-call for tier-one events

Results

- Scalability to 20 Tbps in a few hours - supporting ~4 million HD viewers
- Half of Netskrt's network delivered on Lumen at seasonal peak, across about 1,400 points of presence
- Nearly 500 live events a year for some of the world's largest streaming platforms
- A 200-server expansion live in days, not months

< 24 Hours

to bring as much as 20 Tbps online with Lumen, a process that once took six to nine months

~25 Tbps

of Netskrt's network capacity runs on Lumen across the U.S. and Canada, part of an ~80 Tbps global footprint

~500 events

live events delivered each year for some of the world's biggest streaming platforms

Challenge

The hardest problem in streaming lives in the last mile

Live sports and on-demand streaming are some of the most demanding workloads on the internet. A single event can pull tens of millions of viewers simultaneously driving peak-to-average bandwidth higher than average – a spike the traditional CDN model, with its points of presence clustered around major metros, was never built to absorb. The result shows up where it hurts most: buffering and quality drops at the exact moment the audience peaks.

For a company competing against CDNs decades older, the old way of adding capacity made the problem worse. Standing up a new point of presence could take six to nine months – and building and owning that infrastructure carried costs that strained the economics of live delivery. To win some of the world's biggest content owners as customers, Netskrt needed a faster, closer, and more efficient way to scale. "We deliver live events for some of the biggest brands in the world. They have no tolerance for any type of quality degradation – and frankly, neither do we." – Sig Luft, CEO, Netskrt

Solution

Capacity that moves at the speed of live streaming

Netskrt built its platform on Lumen Edge Computing, Bare Metal infrastructure, and the Lumen IP backbone – a foundation that turns standing up capacity into a software deployment rather than a construction project. Ahead of a demanding season, Netskrt can bring hundreds of bare metal servers and as much as 20 Tbps online in hours, place that capacity close to viewers across more than 40 Lumen locations in the U.S. and Canada, and deliver over a backbone built for low latency and extensive peering. When the season ends, it can scale back down, paying for capacity as events demand it instead of building for the peak all year.

That model is what enables the company to perform at a tier-one level and grow fast. Netskrt's capacity has climbed sharply over the past year, and the company expects to reach 150 Tbps by the end of 2026 – a ramp made possible by a partner that can add capacity as quickly as Netskrt wins new business.

Solution Set

- Lumen® Edge Computing
- Lumen® Bare Metal Infrastructure
- Lumen IP backbone
- Lumen® Advanced Managed Services

> "Netskrt's adaptability and Lumen's reach create a powerful competitive advantage, enabling us to expand capacity precisely when demand peaks and deliver the largest live events with confidence."
>
> **– Sig Luft**
> Co-founcer, President, & CEO, Netskrt Systems

Results and Future Plans

Built to scale for the biggest moments ahead

The partnership has already expanded what Netskrt can deliver. Running on Lumen, the company supports more than 500 live events each year for some of the world's largest streaming platforms, scaling capacity up and down to match demand while maintaining quality when audiences are at their largest.

As streaming audiences grow and more premium live events move online, Netskrt continues to expand the reach and capacity of its platform. With the ability to deploy infrastructure in hours rather than months, the company is positioned to support the increasing scale, performance, and reliability demands of live streaming and video on-demand.

The road ahead points to even bigger stages. Netskrt is scaling toward global expansion and enterprise software distribution, with additional capacity ready as demand grows. As more of the world's biggest live events move to on-demand streaming, delivery infrastructure is becoming a critical link in the streaming value chain – and Netskrt is building to own that moment.

Current customer compensated for their endorsement

866-352-0291 I lumen.com I info@lumen.com

Services not available everywhere. Business customers only. Lumen may change, cancel or substitute products and services, or vary them by service area at its sole discretion without notice. ©2026 Lumen Technologies. All Rights Reserved.