Skyway Studios Scales Production Connectivity with Lumen

Description

Built for the Moment, Powered to Scale

At Skywayâ€™s 16-acre Nashville campus, virtual production and multi-stage workflows can generate enormous filesâ€”fast. Hereâ€™s how Skyway partnered with Lumen to scale bandwidth per production (from 1â€“10 Gbps) and keep review cycles, collaboration, and delivery timelines on track.

Watch the customer story video

https://www.youtube.com/watch?v=HEYp9UAC6CE

When production speed depends on what you donâ€™t see

From sound stages to LED virtual production, Skyway Studios is built to run multiple projects at onceâ€”without slowing creative momentum. Skyway Studiosâ€™ gated 16-acre campus supports a multi-tenant environment with four full-production studios and three insert studios, and itâ€™s designed to move large volumes of content off set to creative teams and hiring studios.

That last partâ€”moving contentâ€”is where modern productions often feel the pinch. In 4K/HD pipelines and virtual production workflows, the â€œcamera departmentâ€• doesnâ€™t just roll footage; it generates massive volumes of media that must travel quickly to editorial, VFX, and agency review. If the network lags, the entire production rhythm lags with it.

For productions building complex looks across multiple stages, Skywayâ€™s studio specifications and LED Stage (Studio D) are only half the storyâ€”the other half is the infrastructure that keeps files, color, and approvals moving.

The challenge: scaling content delivery without slowing creativity

As production demand grew across Skywayâ€™s campus, virtual production, 4K/HD workflows, and multi-stage shoots started generating enormous volumes of content that needed to move quickly from set to creative teams, agencies, and hiring studiosâ€”often while production was still underway. Lumen customer story outlines how static, traditional internet services created friction: bandwidth didnâ€™t flex, scaling required advance planning, and large-file movement could threaten review cycles, delivery timelines, and client confidence.

In practical terms, the constraints looked like this:

- Bandwidth demand changed dramatically from project to projectâ€”especially when LED/virtual production was in play.
- Teams needed to push large media assets off set while cameras were still rolling (not after wrap).
- With multiple tenants operating simultaneously, connectivity had to stay high-capacity and isolatedâ€”without performance trade-offs.
- Network limitations risked slowing review cycles and creating schedule risk on high-pressure productions.

In a studio environment where the goal is creative velocity, any bottleneck becomes expensive. The production may be on-site, but creative decision-making is often distributedâ€”editors, colorists, VFX teams, and agency stakeholders may be reviewing and turning notes remotely. A slow upload or

unstable connection isnâ€™t an IT issue; itâ€™s a production issue.

The solution: on-demand networking aligned to production workflows

To remove network constraints from the creative process, Skyway turned to Lumen and deployed an on-demand model that could scale bandwidth dynamicallyâ€”matching what a production needed in

the moment instead of relying on static capacity. Lumen Network-as-a-Service (NaaS) enables this flexible approachâ€”giving productions a way to dial connectivity up or down as workloads change.

Solution set used:

- Lumen Network-as-a-Service (NaaS): on-demand, scalable bandwidth aligned to real production workflows.
- Lumen Internet On-Demand: rapid bandwidth increases for LED volumes, virtual production, and large file transfers.
- Lumen Vyvx Broadcast Solutions: broadcast-quality transport for real-time review and time-sensitive delivery when needed.

The outcome was a production-ready network foundation that keeps creative pipelines moving at the pace modern productions demand. Read the Lumen behind-the-scenes blog for more on how

Skywayâ€™s infrastructure supports high-output work.

The results: faster workflows, less risk, better collaboration

With Lumenâ€™s support, Skyway now operates on a flexible, scalable network foundation designedto keep creative workflows moving. Measurable outcomes include:

- Bandwidth scaled per projectâ€”from 1â€“10 Gbpsâ€”eliminating static over-provisioning.
- Faster movement of large media files from set to remote creative teams and hiring studios.
- Multi-tenant workflows supported without performance trade-offs.
- Reduced operational and reputational risk tied to network constraints on high-pressure productions.

As Skywayâ€™s team puts it, the value is as much psychological as technical: when the network stops being a question mark, producers can plan confidentlyâ€”and creatives can keep iterating without waiting on file transfers.
â€œOn-demand bandwidth changes how we plan. We stop worrying about limits and focus on delivering the work.â€•
â€” Tom Gregory, Head of Production Sales, Skyway Studios

Built for creative velocityâ€”ready for whatâ€™s next

Modern production models keep evolving: distributed creative teams, higher-resolution capture, more virtual production, and tighter client timelines. Skywayâ€™s on-demand connectivity approach is a foundation that scales with those shiftsâ€”supporting everything from day-long brand shoots to complex, multi-stage productions running concurrently.

And thatâ€™s ultimately the promise: a network built to move at production speed, so Skyway can keep saying â€œyesâ€• to bigger creative demandsâ€”without taking on unnecessary delivery risk.

Learn more

- Skyway Studios customer story (Lumen)
- Production at full throttle: how Skyway Studios uses Lumen to reach new heights (Lumen blog)

- Lumen on-demand network services (NaaS)
- Lumen Internet On-Demand
- Lumen Vyvx Broadcast Solutions
- Skyway studio specifications
- Skyway LED Stage (Studio D)
- Contact Skyway Studios

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