

Comcast CDN

Deliver your content on a network built for video



PRODUCT OVERVIEW

Content owners and distributors understand that in order to remain competitive, delivery strategies need to evolve faster than the insatiable appetite for streaming video, online gaming, and large media downloads. Today, the consumer experience with online content should be at least as good as — if not better than — that of traditional broadcast video. Comcast Technology Solutions (CTS) solves for this with a tailored content delivery network (CDN) architecture specifically designed to deliver online media at scale. Extraordinary experiences delivered to every screen must be consistent and reliable. We can get you there.

The Comcast CDN: Delight your audience, protect your experience

The Comcast CDN is purpose-built and optimized to deliver broadcast-quality media experiences at any scale.

Exceptional playback experience

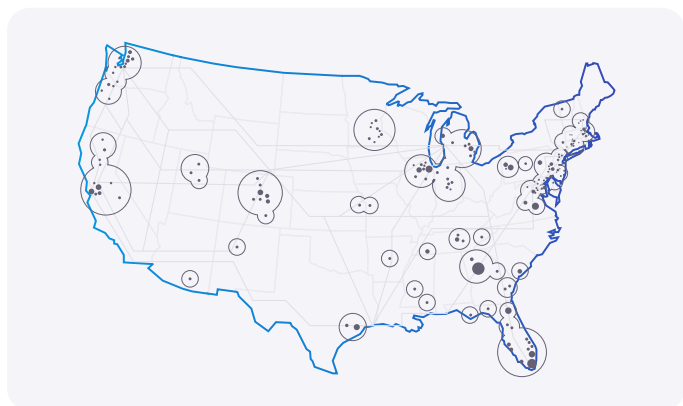
- Faster start times and hi-res video playback with less buffering and higher average bit rates
- Full support for live and on-demand content across any device, anywhere

Extensive deployment

- >150 physical cache locations provide unique breadth and depth in North America
- 28 metro networks; 18 core backbone nodes
- 250+ network interconnects

Security

- Standards-based token authentication (query string, in path, or cookie-based)
- SSL (included)
- DNSSEC



Open, extensible, intelligent design

- Built on flexible, secure open-source technology
- Multi-tiered architecture
- Optimized for video/large-file delivery

Tiers and redundancy

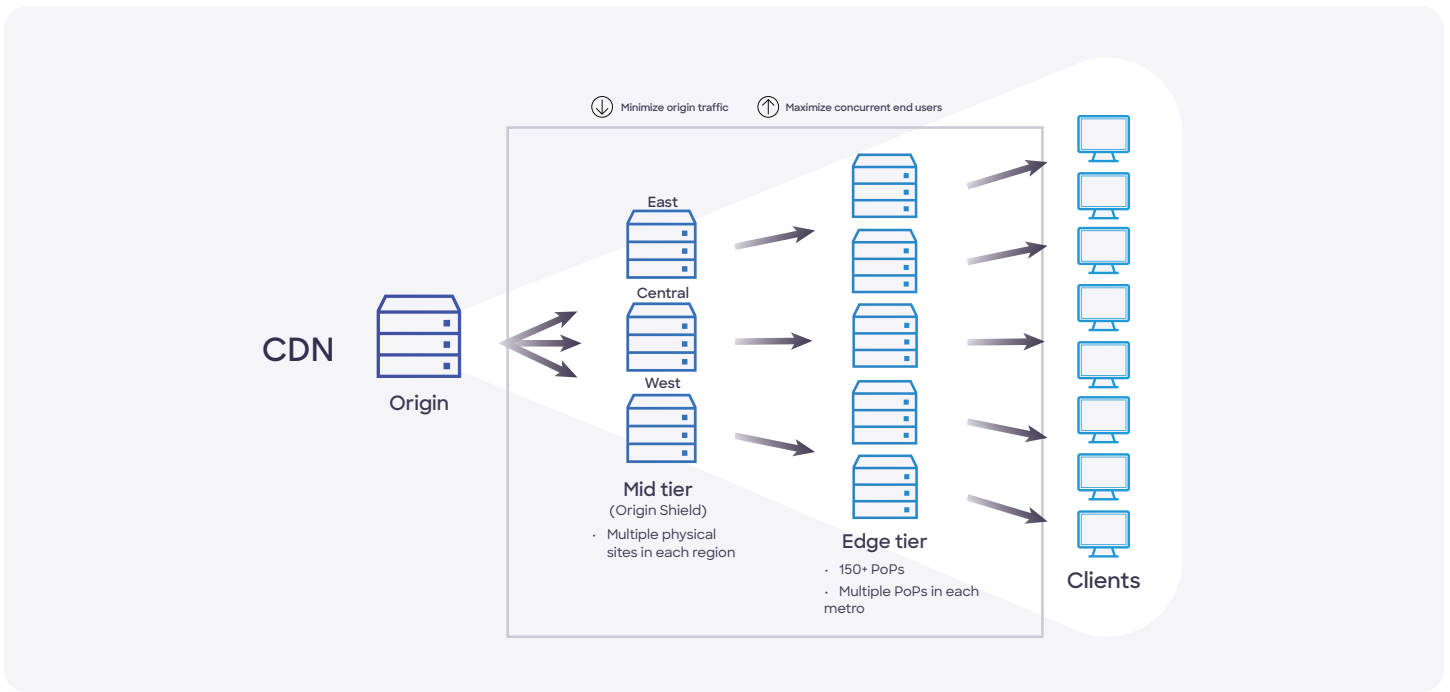
- Origin protection layer adds additional cache efficiency and origin offload
- Origin, mid-, and edge-tier redundancy

Your origin or ours

- Seamlessly ingest content from your origin or use the CTS multi-CDN origin

Meet your audience on their terms

When your content is delivered through the Comcast CDN, you take advantage of the very same capabilities that power Comcast's entire X1 experience. Our broad distribution of caches in the largest metro areas provides multiple network paths to mitigate congestion, a tiered architecture to ensure scalability, and full support for live and on-demand content across any device, anywhere. You can confidently present an extraordinary experience to your audience and keep your focus on making great content.



The Comcast CDN: More than just “a bigger net”

CTS offers one of the most broadly deployed caching platforms in North America. The extensive scale and reach of the Comcast CDN can readily serve as your primary delivery network or augment other content delivery providers. The open architecture and flexible commercial terms allow it to easily tie into a multi-CDN environment, aligned to your specific objectives and geographical needs.

- Leverage the Comcast CDN to deliver broadcast-quality content.
- Integrate the Comcast CDN into your multi-CDN strategy easily, using our highly flexible DNS, coverage zone, or HTTP 302 routing capabilities.
- Avoid being locked into a proprietary solution: The Comcast CDN offers a powerful suite of features based on open standards that can be easily integrated across several CDN architectures.
- Support all forms of HTTP-based media and enable a seamless experience across any device.
- Protect your content with a robust set of security layers and protocols.
- Costs are optimized through competition within your vendor ecosystem as well as a unified origin — reducing costs for storage and origin egress traffic.

Connecting people to the content they love

Built on Comcast’s know-how, proven facilities, scalable platforms, and infrastructure, Comcast Technology Solutions offers more than 30 years of reliable real-world media and advertising experience. The Comcast CDN is part of a portfolio of technology solutions that provide companies with the technology, scale, and expertise to expand and succeed in rapidly changing global media and entertainment markets.

Find out more

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