

NxtGen Content Delivery Network

NxtGen CDN handles multiple content delivery techniques and supports a wide range of static and streaming content types.

Supported protocols:

- HTTP Push - content is distributed proactively to edge servers in your chosen CDN locations. Push is normally recommended where file sizes regularly exceed 50MB, such as installers or game patches.
- HTTP Pull - when content is requested by an end user, it's pulled from the origin server to edge servers closest to the user. NxtGen CDN supports multiple pull locations. Pull is often used for smaller files, such as website images, javascript, css and html.
- Live streaming - NxtGen CDN's live streaming capabilities are enabled by Wowza Media Server 3, the leading high-performance media server.

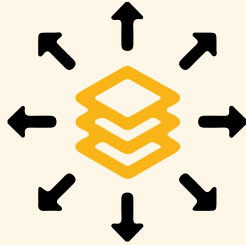
Supported Content Types:

- Adobe - RTMP / RTMPE / RTMPT
- Android - RTSP/RTP
- Flash - HTTP Dynamic Streaming (HDS)
- Apple - HTTP Streaming (HLS) for iPhone, iPod, iTouch
- Microsoft - Smooth Streaming for SilverLight
- Video on Demand - deliver video with YouTube-style features like fast forward and rewind:
- HTTP Pseudo Streaming support includes FLV (Flash Video - .v) and MP4 (QuickTime container - .mp4, .f4v, .mov, .m4v, .mp4a, .3gp, and .3g2)
- H.264/AAC content in MP4 container files can be delivered to any supported player

Playback is up to 1080p

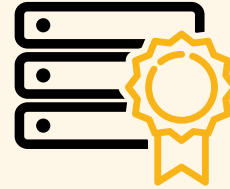
- Uses Nginx to serve videos through normal http
- Video on Demand is available for:
 - Adobe® Flash®
 - Apple® iOS: iPhone®, iPad®, and iPod® touch
 - Microsoft® Silverlight®
 - Apple QuickTime™
 - Android™, BlackBerry® & other 3GPP platforms

Key Differentiators



Superior Content Delivery Network (CDN):

Highest number of PoPs, enabling superior content retrieval and delivery



Matchless CDN Expertise:

Proven ability to setup private/hybrid CDNs

Security & content control

NxtGen CDN protects your content, and helps you implement your own content delivery policies. It includes:

- Link encryption for Flash (RTMPS, RTMPE, RTMPTE) - protect against content intrusion, unauthorized diversion and stream ripping
- Secure Token - protect against spoofing threats such as those posed by streaming media interceptors
- Geoblocking - restrict the availability of content to end users in specific locations on an include or exclude basis
- Secure Delivery (SSL) – supports vanity and shared SSL certificates to protect content delivery, from the origin to the CDN, and the CDN to the end user
- Anti-leech protection for streams
- Hotlink prevention for content resources
- Flexible content routing rules

Monitoring & reporting

Our CDN edge servers are monitored 24x7. CDN bandwidth is monitored in real time too. NxtGen CDN also provides a range of reporting tools from within the control panel.