

Highwinds CDN

The Fastest CDN on the Planet



HIGHWINDS®
WWW.HIGHWINDS.COM

CDN Overview



Highwinds offers the fastest CDN on the planet...and much more.

Highwinds CDN sets the pace among content delivery networks by offering advantages in data center peering, real-time analytics, instant account provisioning, complete content control and massive scalability. Since 2002, Highwinds has provided for the advancement of a variety of technologies, including network management, distributed file systems and content routing methods. Today, third-party testing tools consistently show Highwinds to be the fastest CDN on the planet.

CDN Services

HTTP Caching

Improve site, video, game and software download speeds with lightning-fast performance and massive scale.

HTTP Streaming

Deliver your content to any device, anywhere in the world with full support for streaming via Adobe Flash HTTP Dynamic Streaming, Apple iOS Streaming and Microsoft IIS Smooth Streaming.

Adaptive Storage™

A next generation CDN storage solution that includes instant-on self-provisioning of internal origins and mid-tier caching with no library size limits.

SelectPath™

Use real-time end-user performance monitoring and customizable scripts to drive performance-based load balancing across multiple CDNs and your own origin.

Licensed/Federated CDN

Seamlessly transition from resold CDN, to managed CDN, to licensed CDN without ever having to re-provision your customers.

ADVANCED CDN FEATURES

Instant On

No Buffering

Instant Content Purge

Restful API Web Services

Adaptive Bitrate Shifting

Multiprotocol Streaming

Real-Time Analytics

Bandwidth Throttling

Origin and Edge Storage

Multiple Points of Ingest

Content Security Options



StrikeTracker 2 is the Highwinds CDN management and reporting portal. It offers a single, integrated front-end control console for managing all Highwinds CDN services. StrikeTracker has been awarded the Streaming Media Editor's Pick, won a European Readers' Choice Award for best analytics and been recognized as the leading console by Streaming Media Executive Vice President Dan Rayburn.

True Real-Time Analytics

Get actionable data in less than 30 seconds, with updates every second

Instant Content Purge/Invalidation

Content is removed from the CDN globally within seconds

Content Management Tools

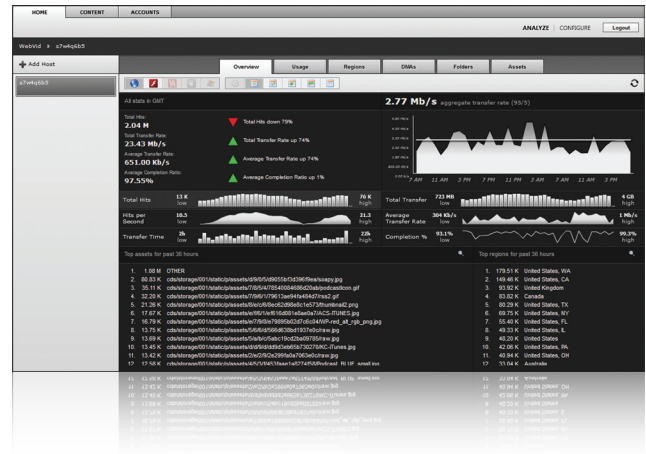
Multi-protocol adaptive bitrate streaming configuration

Self-Service Account Provisioning

Instantly create and manage accounts – 7 levels deep

Configurable Content Protection

Including URL Signing/Tokenization, HTTP Authentication and HTTP Referrers



Dynamic Content Caching

Cache based on query string parameters

Geo Blocking

By country, state, DMAs, zip codes, etc.

Origin Management

Origin shielding configuration and efficient offloading of traffic from customer origin

Restful API Web Services

Automate real-time CDN controls in your custom environment

CDN Architecture

Highwinds' network infrastructure, called RollingThunder®, is a global, private network purpose-built to effectively distribute large files and stream rich media. The third-generation architecture used by the network allows for the best in network reliability and scalability. Plus, it boasts bandwidth capacity and speeds found in only a handful of today's CDNs.

RollingThunder consists of a ringed, redundant architecture made up of multiple 10 Gbps connections per point of presence (POP). The network also peers with over 800 major ISPs and over 14,000 ASNs which extends the network to the far reaches of the globe. (See network map on next page.)

Network Features

DFS Server - An innovative distributed file system powers the network by effectively managing the storage and distribution of millions of files.

Doppler Global Traffic Management System - Armed with a whole-network view, Doppler helps guarantee the best user experience by making routing decisions in real time and delivering content through the fastest, most efficient and cost-effective route.

Quality of Service Control Mechanisms - QoS control mechanisms are employed in RollingThunder to simultaneously carry multiple types of traffic, increase efficiency and lower bandwidth costs.

Dynamic Demand Detection - Whereas many CDNs use caching technologies to increase capacity, the Highwinds CDN brain detects usage patterns in real time and dynamically increases or decreases capacity. This ensures 100% availability of content with A+ streaming quality.

Monitoring and Support – RollingThunder is continuously monitored by a seasoned technical operations and support team in a state-of-the-art Network Operations Center (NOC). These individuals are employees of Highwinds who have many years of experience running large IP backbones. In the NOC, intelligent systems monitor bandwidth, packets, errors, and other statistics; alerts are provided based on thresholds, rate changes, trends, and other metrics. The Highwinds support team is available 24x7x365, and support operations are never outsourced.

The Highwinds CDN Delivers:

Lightning-Fast Global Delivery

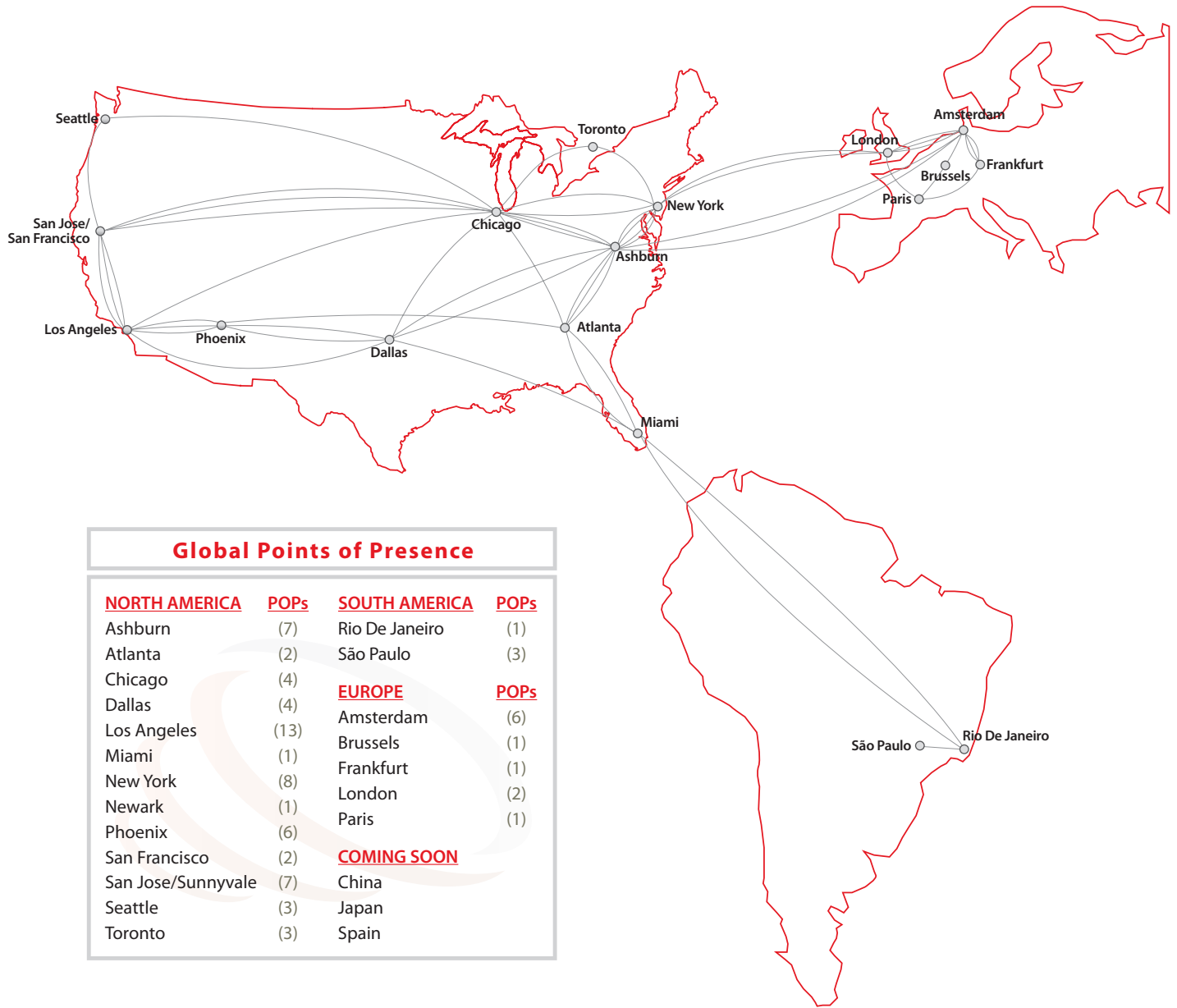
Real-Time Analytics

Massive Scalability

Multiprotocol Adaptive Bitrate Streaming

Complete Content Command and Control

24/7/365 Monitoring and Live Support



Corporate Headquarters

807 W. Morse Boulevard
Winter Park, FL 32789

Phone: +1.407.215.2400
Toll Free: +1.866.872.0357
Email: info@highwinds.com
www.highwinds.com

North America

Costa Mesa, CA
+1.714.727.2800

Phoenix, AZ
+1.602.515.0931

South America

São Paulo, BR
+55.11.3711.9307
www.highwinds.com/brazil

Europe

Amsterdam, NL
+31.20.2629545

London, UK
+44.20.7096.5940