

# Feature List

Aflexi is alive with abundance of breakthrough and integrated functional features.

## Supported operating system:

Operating System	Distro	Details
Linux	Debian, CentOS, Ubuntu	32 and 64 bit

## Supported HTTP delivery object:

Delivery Format	Technology	Details
HTTP PULL & PUSH	Nginx (ncache)	Psuedo streaming, delivery of small and large files

## Supported media servers:

Delivery Format	Technology	Details
RTMP/ RTSP/ iOS/ ShoutCast/ Flash HTTP	Wowza Media Server	Live streaming, File streaming

## Operator CDN control panel:

Modules	Features	Benefits
Secure user portal	Manage CDN and user accounts	One stop portal to configure CDN and Publisher settings
Private Labeling	Private labeled CDN portal, CNAME with your domain	Advertise it as your own CDN – not reselling
Account limitation control	Capability to manage package bandwidth limitation, CDN URL and accessibility to specific edge location	Avoid serving content upon exceeding bandwidth threshold, customize location-based package for Publisher needs
Infrastructure control	Guided setup wizard to provisioning CDN edge servers	Managing your edge server as easy as clicking add, delete and edit
Marketplace - FlexiMart	Sell and buy bandwidth capacity to and from other Aflexi Operators	(SELL) Maximize your profitability by monetizing your excess bandwidth capacity (BUY) Be lean and reduce CAPEX by scaling up your capacity instantly and as required
Maintenance scheduling	Schedule maintenance for edge servers	Ease of managing scheduled maintenance, traffic will be diverted to other active edge server
Edge servers monitoring	Status of edge servers load	Be aware of your edge servers health
Content Expiry Control	Set a global caching expiry period for your publishers	Cache will be purged according to the expiry set
Traffic Policy	Set a policy of web request redirection	Manual intervention to redirection policy

**Publisher CDN control panel:**

Publisher	Features	Benefits
Account control	Capability to manage CDN sites	Manage your CDN sites without Operator's intervention
Account reporting	Statistic of account's based on CDN site, streaming usage	Your CDN usage details at your fingertip!
URL rewrite generator	Auto generation of URL rewrite rules for your website	Simplified and eased migration to CDN delivery
File purging	Flushing specific file at edge servers	End user gets the latest file version
CDN integration test tool	Test the functionality of your CDN URL redirection	One step to check and diagnose your CDN sites setup
Multiple Origin	Setup multiple origin domain for CDN URL	CDN URL serve content from different origin
Content Expiry Control	Set a caching expiry period for each of the CDN resource	Your viewers reach the most up to date content
None Cache Path	Do not cache specified file	Publisher may specify files not to be cached without modifying origin settings
Content Partitioning	Split the web content into different partitions based on the amount of edge servers at a single location	One time solution to solve high I/O issue on edge server's HDD
Content Security	Protect the web content with multiple security policies	Your contents are secured and safe in the CDN

**Publisher - Content Security:**

Content	Features	Benefits
Countries/IP restriction	Restrict access to the content from specific countries	Allows you to block visitors from specific countries/IP
Hotlinking protection	Prevention of external sites download	Protect your content from being linked from external sites without your permission
File extension restriction	Restrict access to specific file extension	Specify specific file extension not to be accessible from external sites
403 error page	Redirect blocked content to 403 error page	Redirecting external traffic to an error page
Password protected	Assign username and password to a CDN site	Content is password protected on the CDN network
URL Signing	Provide a signing key to a CDN site	A file could not be accessed until the signed url is disclosed

**Publisher – Streaming Details:**

Module	Features	Benefits
Automated Wowza Installation	Install and integrate Wowza streaming to the CDN	One click Wowza installation
RTMP Streaming	Stream videos with RTMP player	Live streaming, File streaming and ShoutCast
Apple iOS Streaming	Stream videos with iphone, ipad, ipod, etc	Live streaming, File streaming and ShoutCast
San Jose (Flash HTTP) Streaming	Stream videos with Flash HTTP player	Live streaming and File streaming
Video Content Security	Anti-leeching and geographical blocking	Deny access from specific domains and countries
External Publishing Point	Adopt live streaming from an external publishing point into the CDN	Plug and deliver the existing live streaming by the CDN
Multiple Publishing Point	Distribute live streaming through multiple publishing point	Avoid single point of failure and edge server port congestion

**FlexiMart – CDN trading platform:**

Trading Platform	Features	Benefits
Account overview	Manage FlexiMart account details	Oversee current sales and purchases
Seller to create sale	Capability to sell CDN bandwidth	Monetize your CDN excess capacity to maximize profit
Buyer to search for sale	Buy CDN bandwidth from other CDN operators	Scale up your CDN capacity by peering with Seller's infrastructure instantly
Powerful Search Engine	Search based on locations and time period	Buy your preferred location only. Choose between 'All Time' or 'Off Peak' only traffic to fit your traffic pattern and costing.
Operator's directory	Listing of all Operators	Your guides to reach the CDN players

**Account Reporting:**

Reporting	Features	Benefits
GB and Mbps graph	Switch the reporting graph between GB and Mbps	Presenting data at your choice
Live Streaming Concurrent graph	Display the concurrent connection of live streaming resource	Live statistic for concurrent connection to live streaming
Multiple levels	Level down to edge servers, location, publishers, CDN sites, caching, etc	All reporting at one glance
Printable View	User get to print the reporting graph in a format of printable view	Materialize the reporting anytime you want
Report Download	Users get to download the traffic report level down to publishers and CDN sites	Report with detailed data

**Webhosting control panel integration:**

Control Panel	Integration	Benefits
cPanel	Linkage from cPanel to portal	Seamless experience for cPanel user using CDN
WHMCS	Linkage from WHMCS to portal	Account and package control from WHMCS

**Miscellaneous:**

item	Features	Details
API access	Publisher API exposed	Customize your own portal via our API access