

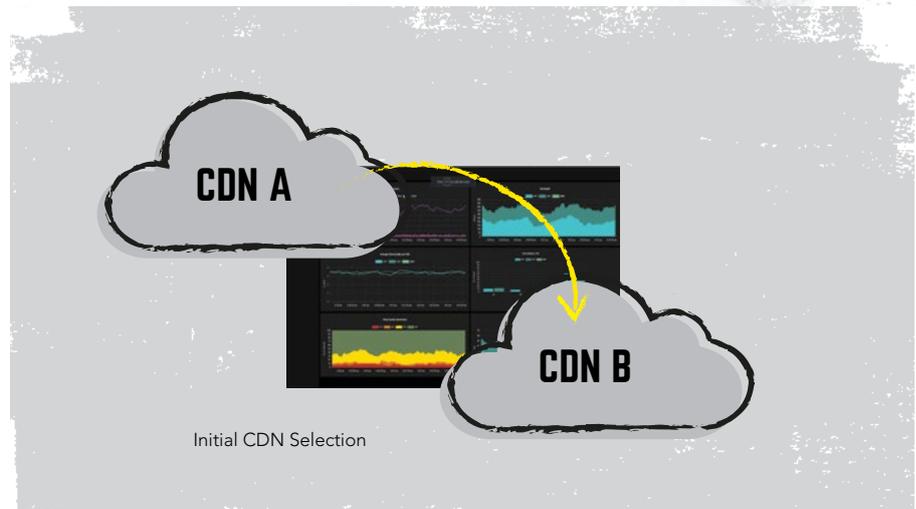
STREAMPILOT OVERVIEW

StreamPilot is Edgware's cloud-based delivery control platform for multi and single CDN environments. The platform enables a number of services, all of which are delivered as managed services, hosted and operated by Edgware.

StreamPilot is a server-side system controlling the delivery of streaming media from the CDN to the requesting client. Its position in the network - between the client and the CDN - makes it 100% agnostic to both client and CDN.

Current services and service packages offered on the StreamPilot platform:

- Initial CDN Selection
- QoE Monitoring
- QoE-based Initial CDN Selection
- QoE-based In-stream CDN Switching



PRECISE RULE-BASED CDN SELECTION FOR OPTIMIZED VIEWING QUALITY!

Initial CDN Selection is a cloud-based service available on Edgware's StreamPilot delivery control platform. It provides an extensive set of parameters on which the CDN selection can be based. With the flexibility to designate the traffic delivering your streaming services to different CDNs according to your business rules, such as location, ISP or content, you can make sure that every customer's viewing quality is optimized at stream start. Initial CDN Selection is offered as a managed service, hosted and managed by Edgware.

OVERVIEW

Initial CDN Selection provides a wide range of parameters and rules on which to base the selection of CDN in a multi-CDN environment.

The parameters offer highly granular and detailed means to ensure that the selected CDN delivers the video service with an optimized viewing quality for the end customer.

The Initial CDN Selection service can be used for all your video traffic or for your selected part(s)

of the traffic.

With parameters ranging from simple percentage-split between CDN A, B or C, to time of day or advanced selection criteria such as client's geography, ISP connection or the content type (live vs VoD), the active choice of CDN offers a valuable opportunity to make sure your streaming video services are delivered from the most optimal CDN.

A detailed set of rules for different session groups can be created within the service. The rules can be applied in a hierarchical

structure, adjusted and weighted against your choice of different parameters.

For example, one rule could split the traffic equally between two CDNs, but in one particular region it could be refined to better suit conditions specific to that region.

The service features a dashboard GUI where each rule can be followed and how it's impacting the number of stream starts in real time.

KEY FEATURES & BENEFITS

- ✓ Optimize streaming from a performance, quality, and commercial perspective by allocating your video traffic to the most suitable CDN
- ✓ Choose from a wide range of selection parameters, such as percentage split, geography, ISP, IP address, user agent and content type (live or VoD)
- ✓ Easy and flexible set-up of hierarchical rule engine and routing policies
- ✓ Immediate live feedback on applied rules allows instant insights and provides key data for planning future actions
- ✓ Easy to test, change and verify rule sets in order to fine-tune and optimize the quality
- ✓ Client and CDN agnostic avoiding complex client integration and CDN vendor lock-in
- ✓ Fast set-up and time to service (TTS) in a SaaS manner with 24/7 monitoring

SERVICE DETAILS - INITIAL CDN SELECTION

CDN SELECTION PARAMETERS
Client geography
ISP/ASN
IP address
Content
Live
VoD
User agent (url)
Time of day

VIDEO FORMATS SUPPORTED
HLS
Live
VoD
MPEG-DASH
Live
VoD
MSS
Live
VoD

CLIENTS SUPPORTED
Client agnostic - HTTP redirect required on clients
Tested against all major players
OPEN API
REST APIs for integration and control

FOR MORE INFO ON THE STREAMPILOT PLATFORM, PLEASE SEE:

- [StreamPilot Solution Brief](#)