MAINSTREAMING®

Intelligent Video Delivery Network

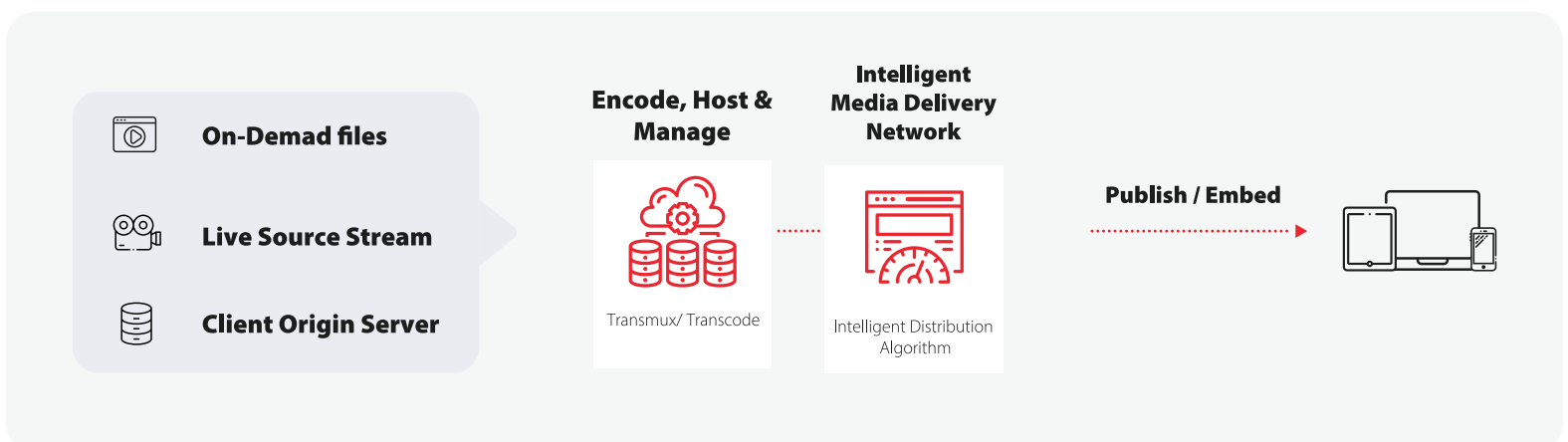Real-Time Media Streaming: Fast, Reliable and Efficient

What it Does

Designed specifically for live and on-demand media distribution, MainStreaming's intelligent video delivery network was created for the delivery of dynamic content in real-time, globally. Our proprietary AI technology has a network backbone of over 4000+ interconnections with ISPs worldwide, enhancing our streaming capabilities and directly lowering latency, making it the perfect solution for regional and global companies who stream content digitally.

Key Features & Benefits

• Proprietary AI technology, specifically made for live and on-demand media streaming

• Intelligent distribution algorithm, enhancing streaming capabilities and reliability

• True low latency, powerful peer to peer network with over 4000+ ISP Interconnections

• Strong content security with SSL available on all live and on-demand streaming services

• Cost effective and seamlessly integrates with existing hardware/software

• Complete full stack enterprise solution; From a robust Content Delivery Network to a fully featured platform for media management

Best for

Broadcasters

OTT TV

Publishers

Online Gaming

Telcos/ISPs

How it Works

On-Demad files

Live Source Stream

Client Origin Server

Encode, Host & Manage

Transmux/ Transcode

Intelligent Media Delivery Network

Intelligent Distribution Algorithm

Publish / Embed

mainstreaming.tv

Hypernode Specifications & Capabilities

INPUT (LIVE)

RTMP

RTSP

MPEG-TS

Native:
HLS/HSS/MPEG-DASH

Icecast

SHOUTcast

INPUT (FILE)

.MP4

.MKV

.MOV

.AVI

.MPG / .MPEG

.MP3

.AAC

.FLAC

Legacy : .FLV/.F4V/.WMV /.RM/.OGG

INPUT (ORIGIN)

HTTP Origin Server

RTSP Origin Server

VIDEO & AUDIO CODECS

Video:

H.254/H.265/HEVC

VP9

Audio:

AAC/AAC+/AAC-HE

MP3

AC3 (Dolby 5.1)

PLAYBACK SUPPORT

Adaptive Bitrate (ABR):
HLS/HSS/MPEG-DASH

Native:
HLS/HSS/MPEG-DASH/
Progressive Download

Icecast & SHOUTcast (live only)

TRANSMUXING

Single Stream RTMP/RTSP **to**
HLS/HSS/MPEG-DASH

Single Stream /ABR .MP4 **to**
HLS/HSS/MPEG-DASH

TRANSCODING

Single Stream RTMP/RTSP **to**
Adaptive Bitrate (ABR) HLS/
HSS/MPEG-DASH

OTHER FEATURES

Playlist Creation:

Linear & Non-Linear

Content Protection:

SSL Delivery

Token Authorization

Low Delay Playback
< 8 second from live

Dynamic Igest

Dual PUSH Ingest Support

(Redundant Encoder Configuration)

Advanced Video
Compression Support

MainStreaming Guarantees
Your Video Streaming Experience

Media
Delivery   •   Ultra-Fast
Encoding   •   Intelligent
Origin Shield

Get in Touch

Contact us for more information: **sales@mainstreaming.tv**

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Milan | Paris | London | New York | San Francisco

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