

# STREAMRON

## VOD

High performance and comprehensive VOD streaming for IPTV and OTT services with a complete CMS (Content Management System) to efficiently distribute content between streaming servers.

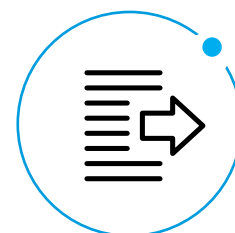
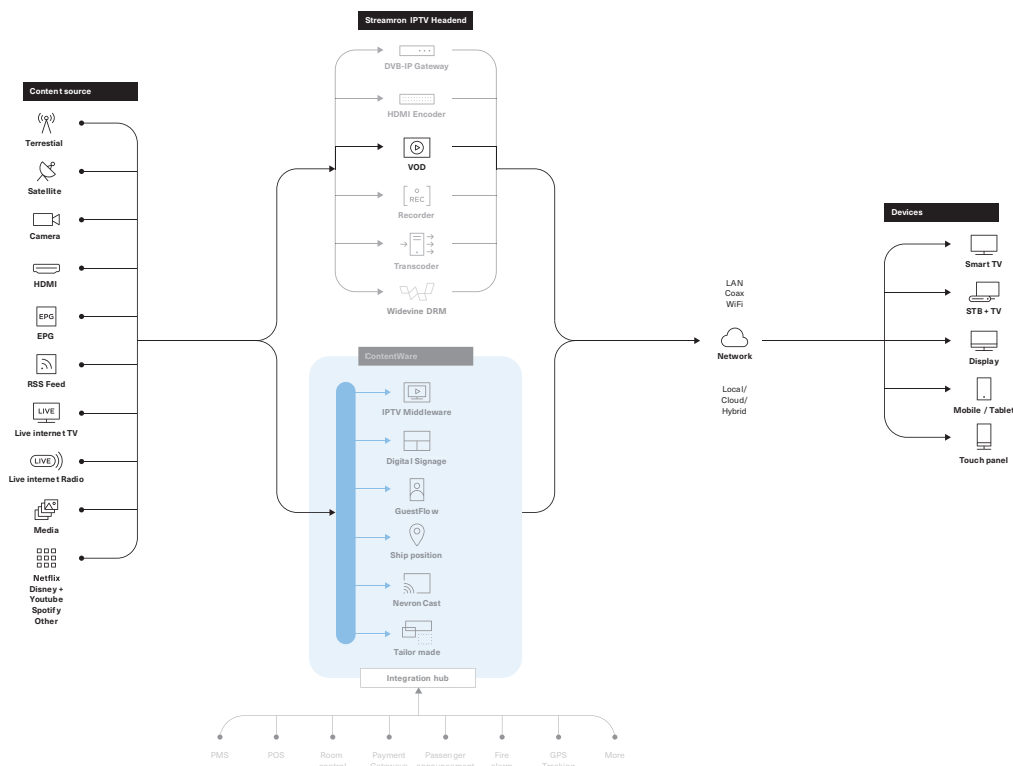
Streamron VOD is cost effective and high capacity streaming unit that store and deliver video content on demand across IP network to multiscreen devices. In combination with Nevron middleware (Axon or Nucleus) it powers Video on Demand service that is just a click away from the consumer. It incorporates all the advanced trick play functionalities such as play/pause, fast forward, fast rewind, nVOD, playlist scheduling, playlist streaming and other.

Various configuration options give you the freedom to deliver unicast or multicast streams making them available for immediate playback on

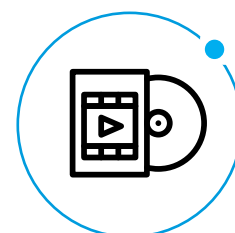
Set Top Boxes, Smart TVs, desktops and mobile devices.

Streaming capacity is expandable simply by adding more servers and storage to the cluster. Hundreds of MPEG-4 SD or HD streams can be delivered from a single server. Streamron VOD is designed to support simple integration with 3rd party applications such as IPTV middleware, Digital Signage and other video-based solutions.

It is also available as pre-installed software, supplied with standard hardware.



**200+ Streams**  
Simultaneous VOD sessions per one server



**Multiple codecs**  
formats and standards supported



**Web based management**  
For simple configuration and monitoring



**Very efficient and cost effective**

OTT

HOSPITALITY

RESIDENTIAL



**APPLICATIONS:** Over the Top, IPTV, Mobile TV, Hospitality TV, Campus TV, Enterprise TV, Maritime, Video Surveillance

## TECHNICAL SPECIFICATION



### CODECS & FORMATS

#### VIDEO

- H.265/HEVC
- H.264/AVC
- MPEG-4, part 2
- MPEG-2 SPTS/MPTS
- HLS

#### AUDIO

- AC3 Audio (Dolby Digital)
- MPEG-1 Audio
- MP2 (MPEG-2 Audio)
- MP3 (MPEG-1 Layer 3)
- AAC (MPEG-2 Part7/MPEG-4Part 3)



### SERVER

#### STANDARD HW ARCHITECTURE

- x86 CPU, standard server platform
- 16Gb RAM
- 2Tb HDD
- 2x 1GbE NIC

#### POWER SUPPLY

- Dual redundant PSU
- Hot-swappable
- 100-240V, 50-60Hz

#### CLUSTERING

- Link Aggregation (bonding) to increase capacity



### INPUTS & OUTPUTS

#### INPUT

- MPEG-2
- MPEG-4
- H.265
- H.264

#### OUTPUT

- MPEG-4 Transport Stream
- UDP or RTP
- Unicast and Multicast
- HLS



### SOFTWARE

#### OPERATING SYSTEM

- Linux CentOS 6.9