



# MEDIASCALE

## CACHE WITH TRULIVE™

Optimized Caching of  
Adaptive Bitrate (ABR)  
IP + QAM  
Content Delivery Services



MEDIA  SCALE

MediaScale Cache with TruLive™ supports IP streaming services using our highly flexible next-generation architecture. The solution supports caching for video on demand (VOD) and live IP adaptive bitrate streaming for edge delivery, multitier intermediate caching, and Origin shield cache functionality.

### **OPTIMIZED CONTENT DELIVERY**

This solution provides caching and streaming for ABR IP-formatted content while reducing network traffic costs for video delivery. Additional optimizations in network traffic and latency improve the overall caching efficiency, creating a top-quality viewer experience.

- Supports HLS & MPEG-DASH for live streaming and VOD streaming
- Supports RTSP and DASH-TS conversion to UDP for QAM delivery of video services
- Seamless midlevel cache for upstream media servers and downstream cache for HTTP-enabled devices
- Hardware-assisted HTTPS for data protection
- Full delivery I/O-supported for HTTP and HTTPS

### **APACHE TRAFFIC SERVER™ CACHE ENGINE**

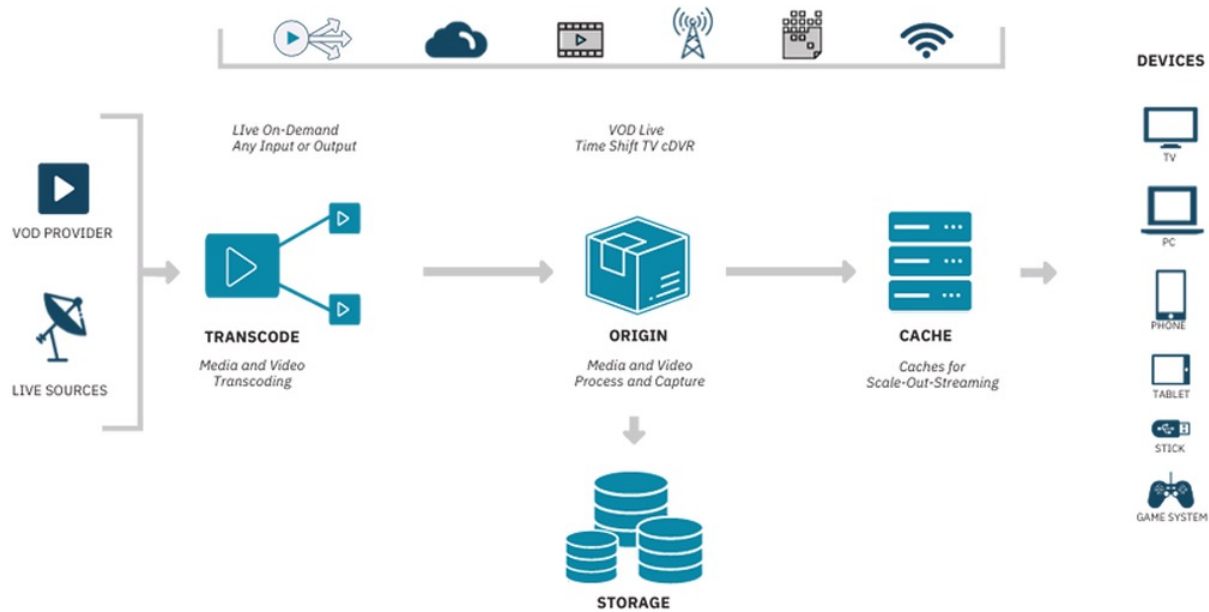
MediaScale Cache with TruLive is built on the Apache Traffic Server™ (ATS) cache engine. Robust plug-ins and services support the engine, enhancing its capabilities. Paired with ATS, our technology is fast, extendable and works at scale.

### **BRING YOUR OWN HARDWARE**

Bring your own hardware as MediaScale Cache with TruLive supports bare metal, virtual machines, and container deployments for installation in a data center or cloud.

### **FLEXIBLE DEPLOYMENT**

Support for multiple deployment use cases, including Origin Shield Cache, Midlevel Cache, and IP Cache.



## Key Features

### IP Streaming

- HTTP caching
- IP delivery
- Next-generation request routing
- Service-based architecture
- HTTP/HTTPS: TLS encryption

### QAM Streaming

- QAM pump
- MediaScale QAM Video Edge

## Deployment Options

### Software

Provided as a software package to be installed on:

- Prequalified hardware
  - Non-prequalified hardware that meets minimum specifications
- Virtualized environments
  - Virtual machines

### Prequalified Hardware

- Dell™ R6615 platform
  - AMD EPYC 7443P 2.85GHz, 24 core
  - 128 GB 3200 MT/s DDR4
  - Six 10/25G + two 1G connections or
  - Four 100G + 2 10/25G + two 1G connections