MEDIASCALE™
CACHE
WITH TRULIVE™

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

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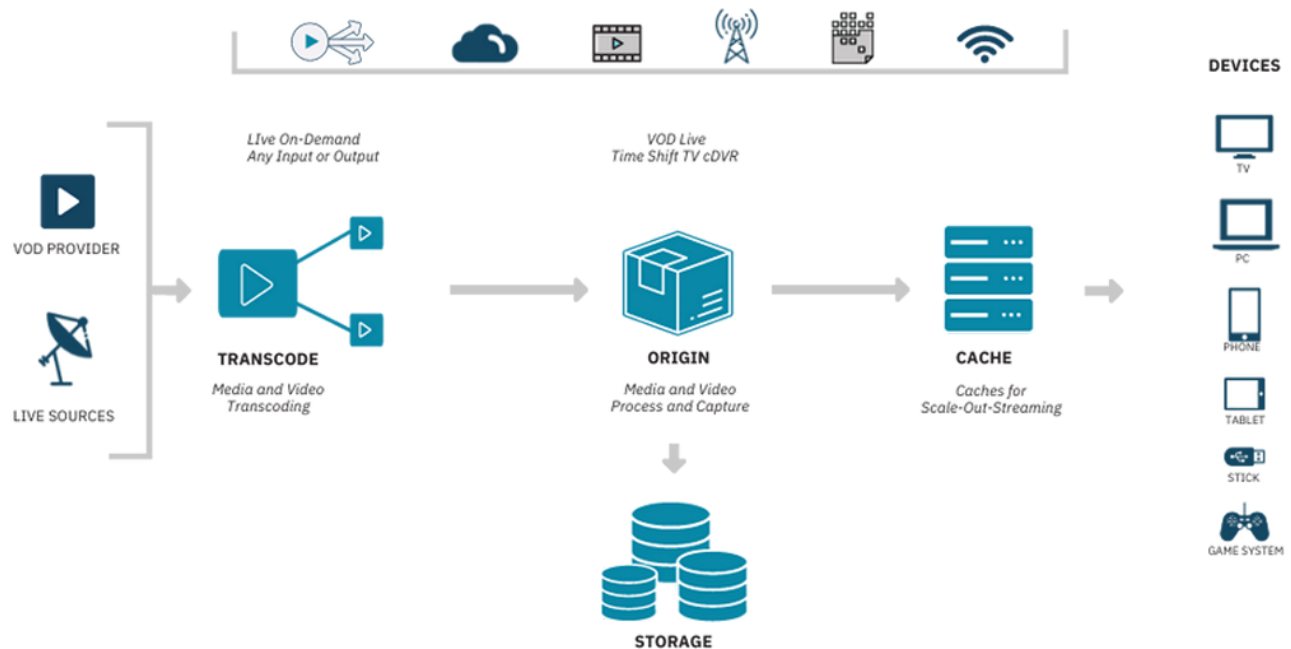
FLEXIBLE DEPLOYMENT
Support for multiple deployment use cases, including Origin Shield Cache, Midlevel Cache, and IP Cache.

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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
    - Kubernetes cluster

Prequalified Hardware
Dell™ R6515 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
- 12TB cache storage

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