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 livestreaming 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.
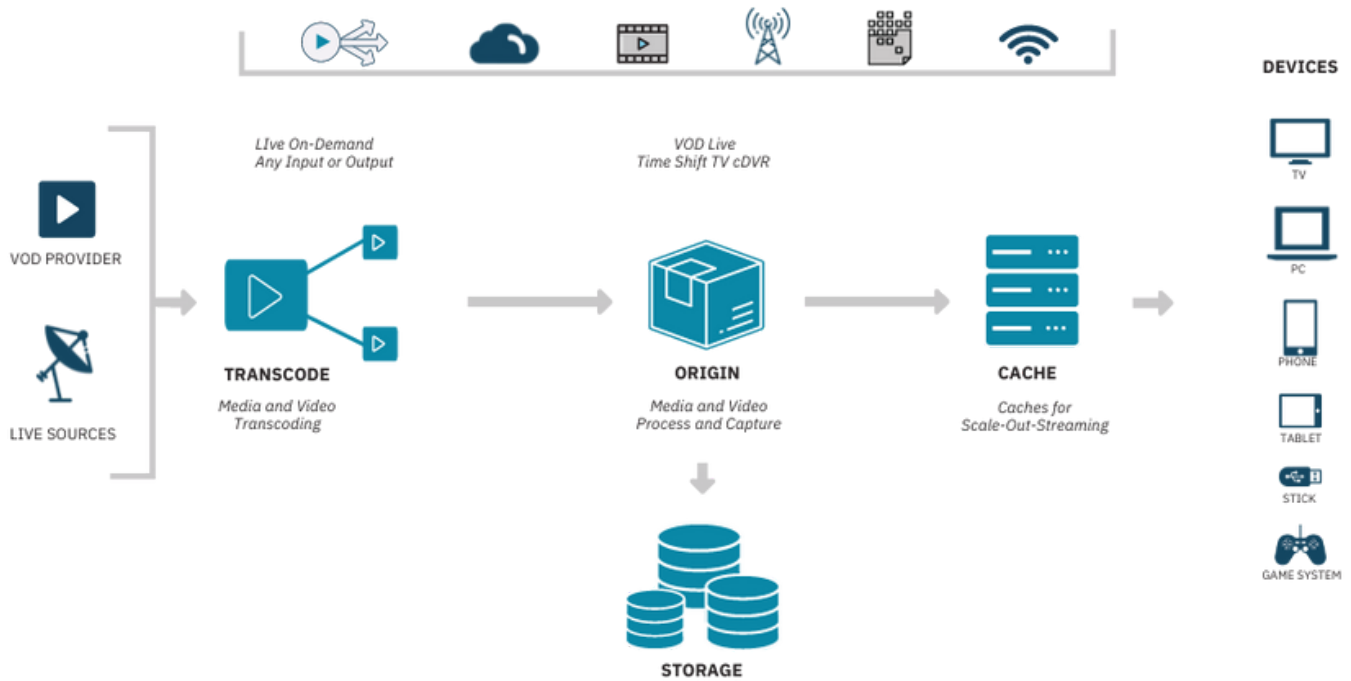
Bring Your Own Hardware

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.

MEDIA SCALE

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Specifications

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

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