

MediaScale Origin with TruLive™

Scalable, Deployable Platform for Serving Content to Any Screen

MediaScale Origin with TruLive™ enables content service providers to ingest, host, transform, and distribute advanced video content to any device, any time, over any network using a common platform. Deployment options include live video streaming, video on demand (VOD), Catch-Up TV, "StartOver" TV, and cloud DVR services to IP devices and traditional cable set-top boxes.

- Improve revenue and reduce subscriber churn with advanced video viewing technology.
- Deliver and protect content using adaptive bitrate (ABR) formats and digital rights management (DRM) encryption.
- Provide a high-quality subscriber experience.

Multiscreen Delivery

With dynamic content adaptation capabilities, including on-the-fly repackaging, and DRM content protection, MediaScale Origin with TruLive eliminates the need for expensive and time-consuming content preprocessing.

- Reduce the cost and scaling challenges associated with multiscreen video delivery.
- Gain deployment flexibility, including HLS and MPEG-DASH for livestreaming and VOD streaming, and RTSP for QAM video services.

Flexible Deployment

MediaScale Origin with TruLive easily integrates into existing infrastructures, and is available as an optimized hardware appliance or as a software-only option.

- Reduce implementation costs by making the most of previous investments.
- Establish a migration path to support emerging technologies.

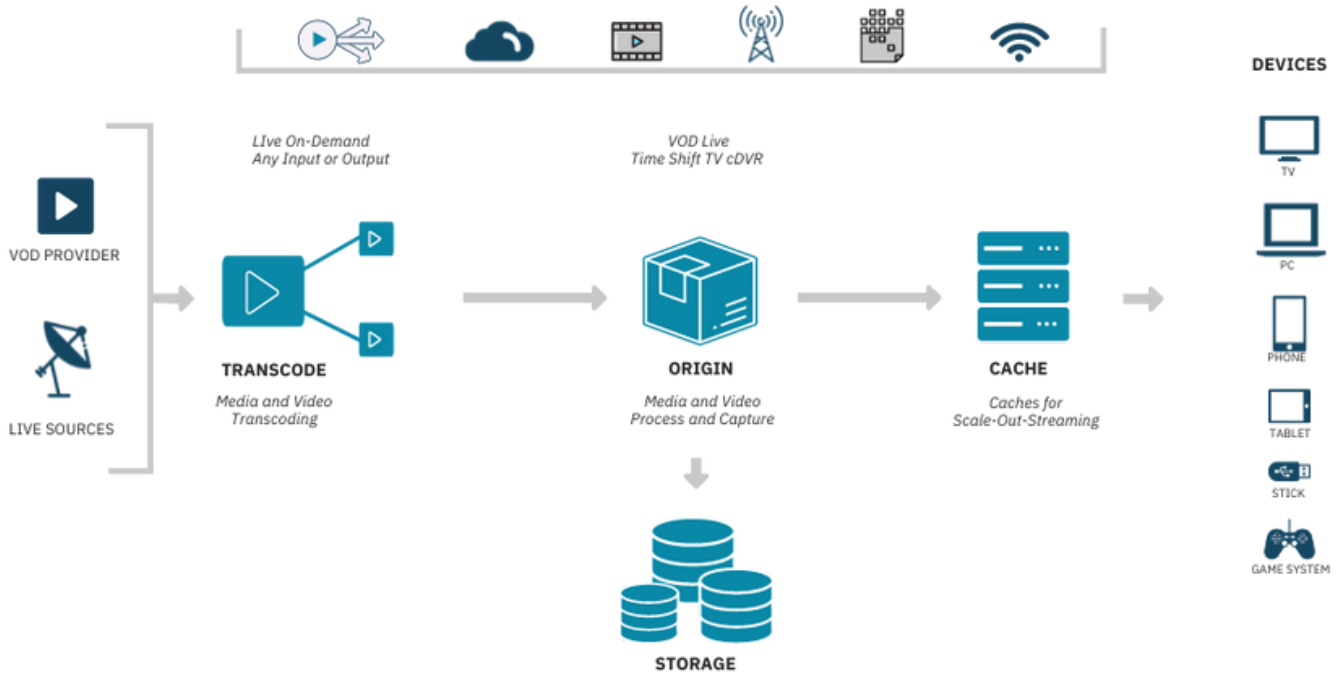
Versatile Platform

An all-in-one server with onboard content storage provides a low-cost entry point. By introducing external storage, the platform may be deployed with two initial servers for core features. Customers can easily add servers for live recording and streaming capacity scalability. A management server is available for configuration, monitoring, and analytics. Vecima offers a software-only package for qualified hardware configurations, which includes a virtual machine for container-based environments.

MEDIA SCALE

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Specifications

Key Features

IP Streaming

VOD ingest – MPEG2-TS, MP4, HLS
 Live ingest – MPEG2-TS (ABR), RTMP, HLS
 Live recording – MPEG2-TS (ABR), HLS
 Codec – video (AVC/H.264, HEVC/H.265), audio (AAC, Dolby AEC-3)
 JIP-P (packaging) – HLS, MPEG-DASH
 JIT-E (DRM) – PlayReady, Secure Media, Verimatrix, Widevine, Irdeto, MPEG-DASH/CENC
 Comprehensive web-services API
 Solutions – VOD, Live ABR streaming, Timeshift TV, Cloud DVR

RTSP Streaming

VOD ingest – MPEG2-TS
 Live recording – MPEG2-TS
 Codec – video (MPEG2, AVC/H.264, HEVC/H.265), audio (AAC)
 Content interfaces – ATIS, NGOD, ADI
 Comprehensive web-services API
 Solutions – VOD, trick-file generation, Timeshift TV, Cloud DVR

Deployment Options

Software

Provided as a software package to be installed on:

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

Prequalified Hardware

Live Only, Cluster

- All-In One Servers based on Dell's R6515 1RU platform

Timeshift TV/NDVR Cluster

- Data plane servers based on Dell's R6515 1RU platform
- Control plane servers based on Dell's R640 1 RU platform