Cisco AnyRes Video on Demand Client

Product Overview

Cisco® AnyRes Video on Demand (VoD) expands the revenue potential of content for service providers, media distributors, and content providers by generating high-quality VoD assets that are compatible with any device. By eliminating the manual bottlenecks typically involved with high-volume, file-based transcoding workflow, which prepares video files for set-top boxes, PCs, and mobile devices, the Cisco AnyRes VoD helps lower operating expenses (OpEx). It also produces high-quality assets for every screen with exceptional performance, maximizing advertising opportunities without compromising the viewing experience.

The Cisco AnyRes VoD client is the graphical user interface of the AnyRes VoD platform. The client is used to configure all templates and automated workflows, as well as to monitor operations in real time.

The Cisco AnyRes VoD client is also used to:

- Set up reporting
- Apply licensing
- Configure redundancy
- Add or remove nodes
- Perform bulk system upgrades

To simplify setup of custom workflows, the client provides an easy-to-use visual workflow tool. Because Cisco AnyRes VoD exposes advanced parameter settings for all of the codecs it supports, including the latest settings for H.264, the client is also used to help ensure exact conformity to your specifications for both network and picture quality.

Features and Benefits

The Cisco AnyRes VoD client:

- Provides a real-time overview of the grid, including job status, errors, and nodes
- Allows users to create encode templates and configure automated workflows
- Allows users to submit manual jobs and produce reports

Once configured, Cisco AnyRes VoD can be provisioned using its representational state transfer (REST) application programming interface (API). The full details regarding APIs are documented and available on request.

Videoscape Media Suite

The Cisco Videoscape™ Media Suite (VMS) has full integration with the Cisco AnyRes VoD API, providing a completely modular, end-to-end platform that helps you manage, publish, and deliver innovative content services to PCs, televisions, and mobile devices.

Additional features of Cisco VMS include:

- Unified content ingestion and management
- Subscriber and profile management
- Digital rights management (DRM)
- Billing and transaction management
- Reporting and analytics

Platform Support and Compatibility

Cisco AnyRes Video on Demand is optimized for use on Cisco Unified Computing System™ (Cisco UCS™) hardware, such as on the B200 M3 blade server. This provides customers with a single system that encompasses:

- Network: Cisco Unified Fabric
- Industry-standard x86 computing
- Storage with access options
- Virtualization optimization
- Unified management model
- Dynamic resource provisioning
- Efficient scaling
- Lower cost, with fewer servers, switches, adapters, and cables
- Lower power consumption
- Fewer points of management

Licensing

License requirements for Cisco AnyRes Video on Demand vary by node, as outlined in Table 1.

Table 1.   License Requirements

Node	License Requirements
Client	Unlicensed, but required initially for setup and to operate Cisco AnyRes VoD; can be bypassed by the Cisco AnyRes VoD server API
Server	Required for all installations; one license per server or blade
Encoding	Transcoding and digital rights management (DRM)
Analysis	Pre-encoding analysis and "decision logic"
Post-encoding	Quality check, offline packaging, and delivery
Enhanced transport stream	Generates CableLabs®-compliant files
AC-3 Dolby	Encoding AC-3 files; pass-through does not require license
Common format indexing	Generates files compatible with Cisco Videoscape™ Distribution Suite Origin Server (VDS-OS) on-demand packaging
IP mode	Puts Cisco AnyRes VoD into "online enhancement" mode for Cisco VDS Optimization Engine (VDS-OE) solution

System Requirements

Table 2 lists system requirements for the Cisco AnyRes Video on Demand Client.

Table 2.   System Requirements

Minimum system requirements	• 1-GB RAM • 32-bit or 64-bit Windows 7 or Windows Server 2008 R2, or Mac OS X 10.8 or later • 100 MB free hard drive space

Warranty Information

Find warranty information on Cisco.com at the Product Warranties page.

Ordering Information

To place an order, visit the Cisco Ordering Home Page and refer to the information in Table 3. To download software, visit the Cisco Software Center.

Table 3.   Ordering Information

Product Name	Part Number
Cisco AnyRes Video on Demand Client	R-ARM-SWK-510-DN=, L-ARM-SERVR-VOD=

Cisco Services

Cisco Services brings together the people, processes, tools, and partners to accelerate service providers' success by using their IP Next-Generation Network (IP NGN) architectural platforms. Cisco Services is focused on promoting business outcomes through network, services, and operational transformation. Through a collaborative approach and tailored engagements, Cisco Services can help accelerate time to market, mitigate risk, reduce cost through improving operational efficiencies, and help assure the user experience.

Cisco Services' approach and differentiation in services comes from a heritage of network capabilities and a wealth of experience in providing solutions to service providers in all sectors around the world. That is reflected in over 20 years' involvement in the market with services and solutions that are strategically aligned with those of the service provider. Cisco Services has also made a massive research and development commitment to the service provider community, developing innovative roadmaps and solutions to keep the sector ahead of the competition.

For More Information

For more information about the Cisco AnyRes Video on Demand, visit http://www.cisco.com/en/US/products/ps11788/index.html, or contact your local account representative.

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