CLOUD BASED JOB ORCHESTRATION

New job requests are sent to Encoding.com's advanced cloud based job management platform. Job routing logic is based on individual job configuration and/or routing based on real-time CPU load in one or more private clouds across the globe. If CPU load or job volume capacity is reached with on-premise infrastructure, automatic failover is triggered via UDP/FTP to any one of Encoding.com’s 10 MPAA certified public cloud data centers. Integrate multiple media workflows or management systems outside of the firewall with our powerful and well documented REST API.

REAL-TIME DASHBOARD STATS

Operators can view live encoding queues, vital encoding and network performance statistics, perform configuration changes to encoding profiles, manage public cloud failover preferences and view usage statistics, as well as add or delete compute resources in their private cloud.

BENEFITS

SCALE

Instantly scale compute resources up and down to meet real-time demand. Eliminate the complexity of capacity planning. Burst seamlessly into public cloud resources when internal capacity has been utilized.

SPEED

Massive files are processed locally within your network removing latency while significantly improving workflow efficiency.

MANAGED

Encoding.com maintains over 30 processing engines within our platform so you never have to worry about licenses, updates, patches or any disruption to your workflow. New engines seamlessly added to support new feature requirements.

FLEXIBILITY

Leverage our powerful API to integrate with any of your existing media management systems and automate an end-to-end workflow.

SECURITY

High value content remains behind the security of your firewall throughout the entire transcoding process.

COSTS

Fixed CAPEX annual license fee based on processing concurrency needs. Flexible OPEX billing when capacity limits are maxed.

FEATURES

CLOUD BASED JOB ORCHESTRATION

PRIVATE CLOUD READY

Deploy on-premise private clouds on a variety of virtualization platforms (OpenStack, VMWare, Joyent, Azure), storage configurations (SMB, SWIFT, S3, NFS), and network configurations.

MANAGED ENCODING SOFTWARE

Encoding.com's suite of over 30 open source and commercial transcoding engines are run on-premise to cover a broad set of professional media processing requirements. All modern web, mobile, OTT, Broadcast and Edit codecs, Adaptive Bitrate Packaging, Closed Captions, DRM encryption, and programmatic editing features are supported. All engines are maintained and updated remotely by Encoding.com. Clients no longer need to manage software licenses or worry about patches, hotfixes, or updates.

DELIVER ANYWHERE

Automatically deliver output renditions to one or more destinations. Content Delivery Networks, Cloud storage locations (S3/Azure/ SWIFT) or on-premise storage/origin locations.

WATCH THE HYBRIDCLOUD WORKFLOW VIDEO: vid.ly/hybridcloud
HYBRID CLOUD
MANAGE IN THE CLOUD, PROCESS ANYWHERE.

CLOUD BASED JOB ORCHESTRATION

NEW JOB REQUEST
INTERGRATE
• Content Management System
• Media Management System
• Legacy Applications

CONTROL
API
STATS

ACCESS

LIVE JOB PROGRESS

PRIVATE
JOB ASSIGNMENT

PUBLIC
JOB ASSIGNMENT

CUSTOMER MEDIA SYSTEMS

ON PREMISE PRIVATE CLOUD

COMPUTE
OPENSTACK/VMWARE

STORAGE
NFS/SWIFT/SMB/S3

SOFTWARE
30+ ENCODING ENGINES
• Open Source/Commercial
• Maintained/Updated
• Codec Licensing
• Covering all Media Processing

PUBLIC CLOUD

DELIVERY

• CDN
• S3/Azure/SWIFT/Aspera

• Automated Job Overflow
• 11 Global Data Centers
• MPAA Certification

OUTPUT DELIVERY

JOB OVERFLOW (UDP/FTP)

OUTPUT DELIVERY

NEW JOB REQUEST