

OTT VoD Assets Monitoring



On-the-fly assets publication monitoring to secure your multi-screen VoD revenues



Key Features

- On-the-fly assets publication monitoring through CDNs
- Assets content integrity verification: manifest and chunks
- Identifies missing files, manifest and chunk errors
- Support of HLS, HSS, MPEG-DASH and HDS files
- 100% Automated solution following assets criticality policy
- Support of 1000's new assets daily
- Real time alerting in case of publication issue
- Synthetic dashboards to track issues on the publication chain and optimize processes



Over-the-Top revenues are highly correlated to on-demand content purchases!

Customers' expectations are rising for daily renewed VoD and catch-up content that can be viewed on Tablets/ Smartphones, computers, SmartTVs or STBs. Operators and content providers have to publish hundreds of new assets every day to meet their needs.

OTT services infrastructures relying on third party networks and multiple CDNs, introduce new types of risks: "How to make sure that content distributed through CDN servers are

- actually online,
- properly encoded for different adaptive bitrate streaming technologies
- not missing any part?"

Increasing viewers' engagement and generating revenues, both require on-the-fly monitoring of new assets publication. It is the only way to proactively fix issues before they affect customers

A new generation of monitoring technologies, specifically designed to automate Catch-up and VoD assets publication monitoring, is now

available. Fully integrated with the publication process, Witbe's OTT VoD Asset Monitoring solution allows to test the integrity of each new asset (including all its profiles and chunks) and its availability through the CDN servers, as soon as published.

As an integral part of Witbe's OTT-CDN monitoring solution, it relies on Witbe's CDN Robots deployed in a core network and last mile mobile/ landline connections. They are able to provide real-time information and alarming for both on-net and off-net cache servers.

With **Witbe's OTT VoD Assets Monitoring solution**, content providers identify assets issues before customers try to download them. They can thus take immediate actions to guarantee the asset's availability. They also get KPIs to monitor Service Level Agreements (SLA).

Tests results are automatically reported in analytic dashboards designed to manage operations effectively. Thanks to that, they can maximize customer satisfaction, sustain brand reputation and grow revenues.

Technical Specifications

Assets Management solution features

- Support for all on-demand content
- Identification of missing chunks/files, manifest/chunk errors
- Support for subtitles and multi-audio profiles
- Support for signed URL
- Support for Apple HTTP Live Streaming (HLS), Microsoft Smooth Streaming (MSS), HDS and MPEG-DASH

Monitoring architecture

- Witbe CDN Robots can be installed in a core network or within a CDN node.
- They can also be connected to any fixed or mobile consumer broadband line to test multiple edge servers

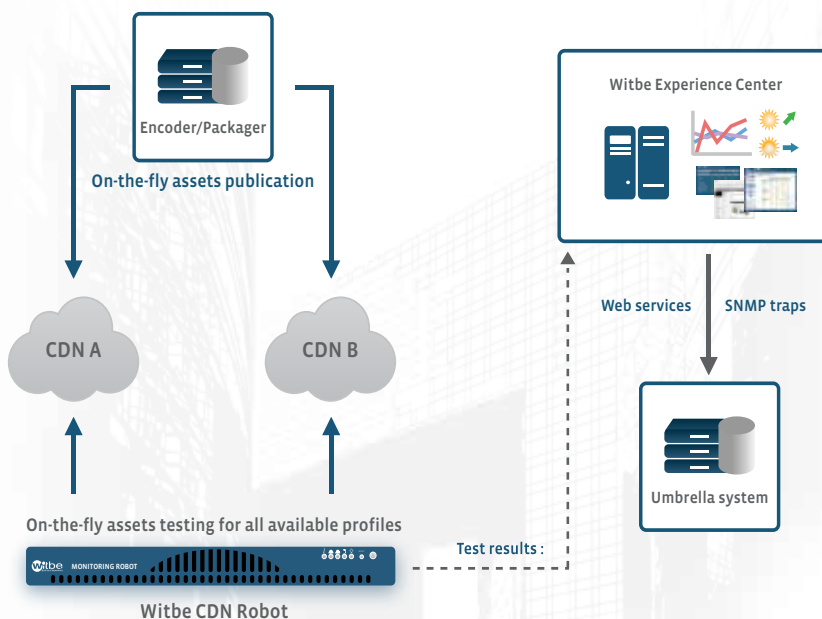
Witbe Analysis Portal

- Centralized storage, history (+1year) and management of all test results across all Witbe robots.
- Pre-build graphical dashboards. Can be customized or developed for specific needs.
- Email and SNMP alarming
- Webservices interfaces



On-the-fly assets publication dashboards and publication KPIs reporting dashboards per CDN and technology

Seamless integration in your environment for on-the-fly testing



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