Synamedia

Secure Your OTT Service Across Multiple Platforms

The video entertainment industry is quickly awakening to the fact that video piracy from over-the-top (OTT) video services is a force with which to be reckoned. Most service operators, however, are not aware that despite taking measures – from implementing DRM to limiting the number of concurrent streams – pirates continue to abuse their infrastructure and cut into their revenue. That's why OTT services need a solution that goes beyond DRM to secure their service across unmanaged platforms. Synamedia OTT ServiceGuard provides that broad protection.

Prevent Unauthorized Access to Your Service

A multi-platform anti-piracy solution protecting both your service and content, Synamedia OTT ServiceGuard lets you address many of the vulnerabilities threatening your business by:

- ensuring that your content is delivered only to authorized devices to prevent pirates from impersonating legitimate users and apps

- providing visibility into your subscribers' tampered devices to guarantee that your premium content is not compromised

- thwarting widespread concurrency manipulations to stop pirates from bypassing your concurrency mechanism

- preventing pirates from gaining uninterrupted access to your content directly from your CDN via common piracy attack vectors such as token replay and duplication

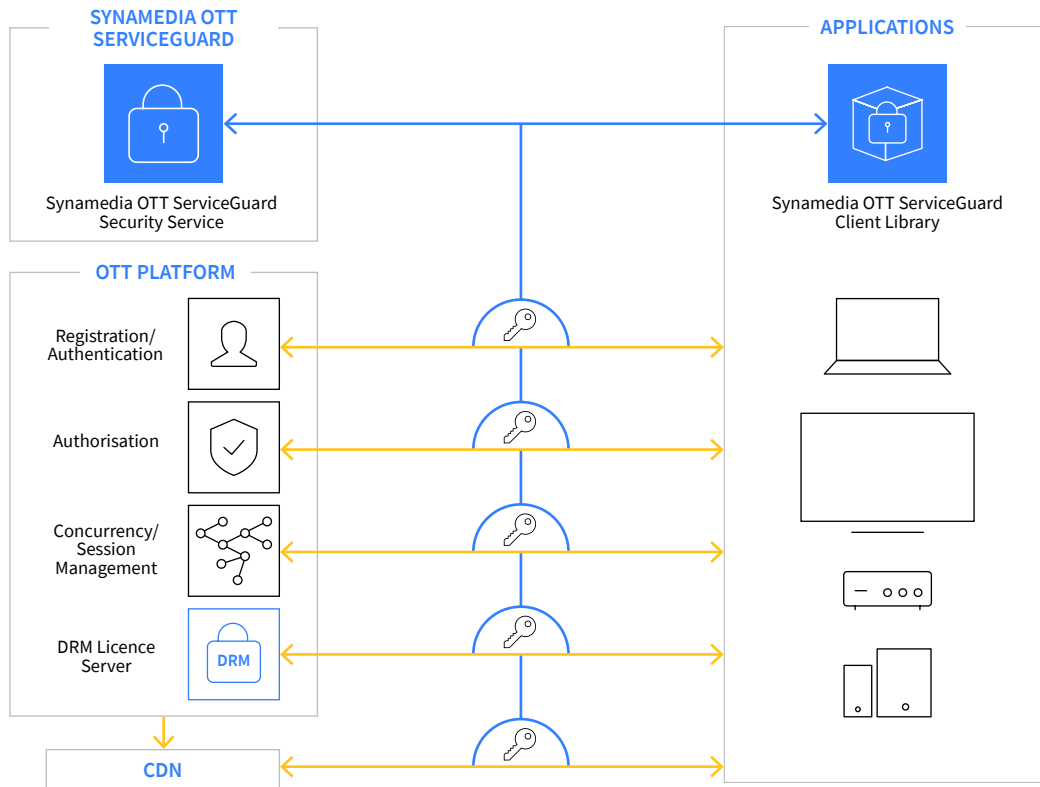## Rapidly integrate without impacting viewer experience

Integrated using Synamedia OTT ServiceGuard's client library and cloud-hosted security service, the solution works with any infrastructure, while enabling you to continue to deliver rich viewer experiences.

Leveraging decades of security expertise, Synamedia OTT ServiceGuard supports a range of unmanaged devices, including mobile, web and smart TV platforms. The solution also supports any third-party multi-DRM solution. And if you do not have one, Synamedia OTT ServiceGuard comes bundled with our field-proven multi-DRM solution to protect your content.

Highlights

- Protects against common piracy attack vectors across your OTT service, including concurrency manipulation and token duplication

- Detects rooted and jailbroken devices, as well as applications that have been tampered with

- Integrates seamlessly with any OTT platform

- Continuously delivers a high-quality viewer experience

Features and Benefits

Protect your investment in premium content

- Block pirates from emulating client access to halt service hacking
- Identify jailbroken and rooted devices to control service access
- Selectively encrypt all client-to-back-end communications to deepen your service security

Reduce your operational costs

- Extend security to your CDN to avoid servicing illegitimate users
- Secure concurrency limit enforcement to avoid under-the-radar infrastructure abuse and bandwidth theft

Leverage our video and security expertise

- Strengthen your content security to ensure compliance with content owner requirements
- Easily integrate with your application and service to accelerate time to market
- Implement a single, cross-platform solution to cover common devices

About Synamedia Security Solutions

Synamedia enjoys an unmatched track record providing video security for the world's leading pay TV operators and distributors, enabling them to protect and monetise their content and services. Leveraging decades of video security and operational security intelligence expertise, our end-to-end solutions provide multiple security layers to combat piracy effectively, and are continuously updated to counter new, evolving attacks. Our comprehensive security portfolio is pre-integrated into our broadcast, hybrid and OTT platforms, and can be adapted to meet specific customer needs.

Next Steps

Learn more about Synamedia's video security solutions.

For more information, contact us.

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