

## NEXGUARD QUICKMARK

# Protecting Live Sports Content from Piracy



## Live sports events are among the most valuable premium content.

To protect their business model, pay-TV and D2C operators must actively fight against illegal content re-streaming from their legitimate multiscreen service by identifying the sources and shutting them down quickly.

NexGuard QuickMark forensic watermarking solutions are optimized to enable an automated process with a turn-around time of just a few minutes.



## Solution Benefits

- 1 **Robust Protection:** Combat piracy on multiple fronts, including re-streaming, re-encoding, compression, fingerprinting removal, and collusion.
- 2 **Fast Action:** Shut down leaks of an offending client to stop illicit streaming within minutes.
- 3 **Easy Integration & Implementation:** Deploy to any streaming device (Android, iOS, PC, connected TV, game console or, streaming stick). Retrofit solution into an existing service directly as a software update to the App.
- 4 **Broad Flexibility:** Protect content across all output interfaces (screen grabbing, HDMI capture). Apply imperceptible video watermark to content from any video source (Linear OTT, PPV, Replay).
- 5 **Perfectly Combined:** Supported by the cloud-based NexGuard Detection Service provides automated, fast, blind detection of NexGuard forensic watermarks from pirate video acquired by anti-piracy services.

For over 15 years, major movie studios, content owners, and distributors worldwide have entrusted NexGuard Watermarking technology.

## NEXGUARD QUICKMARK FOR OTT. Actively Fight Against Illegal Content Sharing

NexGuard QuickMark is fast, highly scalable and fully automated, meeting the needs of users who require occasional detection or continuous live detection in conjunction with an anti-piracy service.

NexGuard QuickMark is comprised of two client and server components:

### Quickmark Client Library

which can be integrated with App on any device (Android, iOS, browser, Smart TV etc.) using a client SDK.

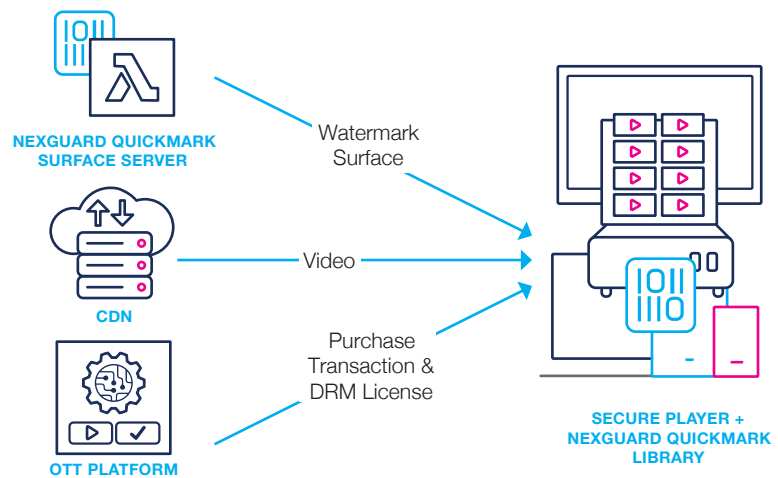
### Quickmark Surface Server

a cloud-based service, which provides the forensic watermark surfaces to the QuickMark Client Library.

## Quickly Identify Piracy & Shut It Down

### Key Features:

- Quick detection times
- Identify the device responsible for leaking your content
- Stand alone software deployment or as-a-service with NAGRA SSP
- Dynamic & secure
- Ability to scale for peak demand
- NAGRA KOP4J/KOP4JS option for App software protection with obfuscation & integrity verification
- No changes to encoders or CDN
- No increased CDN storage costs
- Codec, ABR & DRM agnostic



GLOBAL PAY-TV LEADER, \$1B REVENUES, LONG-TERM STABILITY

## Who We Are

### Successful Projects

500+

TV PROVIDERS GLOBALLY

Focused on helping solution providers increase monetization and consumer reach through comprehensive security solutions.

### Satisfied clients

500M

PROTECTED DEVICES DAILY

Customer-focused. Delivering solutions as a service to optimize time to market and reduce operational overheads.

### Customer Protection

4000+

PATENT PORTFOLIO

Robust IP protection with over 500 patents attributable to a wide range of innovative technology solutions.

## Fully Charged and Ready

The Kudelski Group has a corporate history in the secure content, secure device and cybersecurity industries, and is one of the very few Amazon Authorized Security Test Labs in the world. If you'd like to learn more, experience NAGRA Scout yourself, or discuss further how it can add value to your broadband offering please Contact us. We look forward to continuing the conversation with you.