

NEXGUARD STREAMING ON EDGE

Protect High-Value Live & VOS OTT Content



Streaming is now the dominant form of consumer video consumption.

To protect valuable content from piracy requires a forensic watermarking solution that offers enhanced scalability and optimization of network usage and resources.

The answer - placing the forensic watermarking function directly at the CDN Edge where individual consumer streaming sessions are delivered.



Solution Benefits

- 1 **Robust Protection:** Imperceptible video watermark protects against ripping, scaling, and transcoding, enabling traceability to each on-demand or linear streaming session.
- 2 **Dynamic Deployment:** Protect content and deliver across multiple resolutions, including SD, legacy HD, 4K/UHD, and HDR, without impacting the viewer experience.
- 3 **Flexible & Scalable:** Stream to any device type without having to change your application. Easily scale to millions of concurrent sessions with CDN Edge and caching.
- 4 **Perfectly Combined:** Supported by the cloud-based NexGuard Detection Service provides automated, fast, blind detection of NexGuard forensic watermarks from pirate video acquired by antipiracy services.
- 5 **Edge Optimized:** Low latency, high scalability, and low-cost edge computation capability.

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

NEXGUARD STREAMING ON EDGE Key Piracy Fighting Use Cases

Premium Content Protection

Protect early release and 4K UHD/HDR content, helping pay-TV operators meet the MovieLabs enhanced content protection specification and the Hollywood studios' requirements.

Direct To Consumer

Protect content delivered via linear services, PPV, VOD, virtual film festivals, and online screening.

Live Sports & Events

Enable service providers to actively tackle content theft quickly and efficiently for time critical live events.

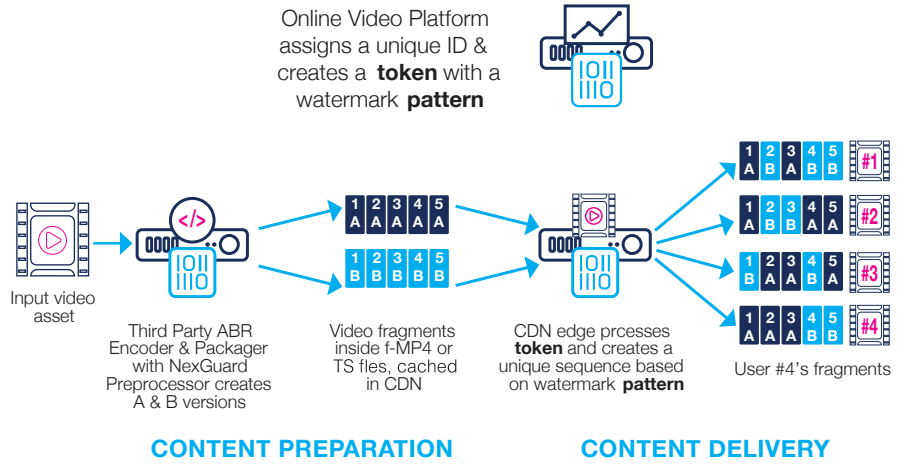
Original Content

Enable service providers to actively tackle content theft quickly and efficiently for time critical live events.

Quickly Identify Piracy & Shut It Down

Key Features:

- Lowest end-to-end latency
- Optimized content preparation and cache usage
- Delivers a uniquely traceable sequence to every end-user with detection from minutes of pirated video
- Detection is fully automated—no additional information required.
- Works with all standard codecs (including H.264, HEVC, AV1, VVC, VP9, AVS2), streaming formats (including HLS and DASH) and DRMs
- Pre-integrated with a range of partner streaming products to support the rapid deployment of forensic watermarking on CDN edge.



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.