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NEXGUARD WATERMARKING FOR SENSITIVE & CLASSIFIED MULTI MEDIA CONTENT

Address the Risks of Unauthorized Disclosures

Executive Summary

Defense and law enforcement agencies need assurance that the sensitive and classified multimedia content they work with is accessed by authorized parties only. This protection is key to prevent unauthorized disclosure, especially when working with external agencies.

Unauthorized release of intelligence sources, interview recordings, surveillance videos, multimedia evidence or any other sensitive content potentially results in compromised investigations and the disclosure of personal or classified information.

Nexguard Forensic Watermarking

1 Forensic watermarking supplements encryption and content access control schemes to allow defense and law enforcement agencies to secure sensitive and classified multimedia content beyond encryption.

2 This is achieved by adding an imperceptible watermark during the transcoding process that can then be traced via the NexGuard Detection Service in the event of unauthorized disclosure.

3 Traceability provides a strong deterrent against unauthorized disclosure and contributes significantly to the end-to-end protection of sensitive and classified audio or video content.

Solution Benefits

Securing individual audio, video and streamed content with forensic watermarking.

Enabling defense, intelligence, security, and law enforcement agencies to apply imperceptible digital watermarks to copies of their sensitive and classified multimedia content.

Easily trace any illicitly released material back to the person or third-party agencies who made the unauthorized disclosure.

TOP NEXGUARD NETWORK ID Use Cases

Sports Leagues
Sports leagues and sports rights owners can use NexGuard Network ID to:

- Quickly identify from which licensee's TV channels and territory pirates most often source content from

- Allow analysis per territory licensing

- Inform content licensing and protection investment strategies

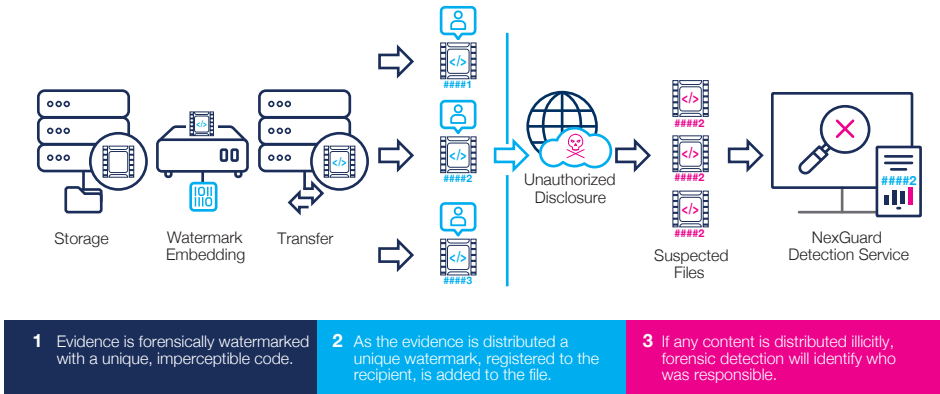- Take informed and appropriate antipiracy action

Broadcasters
Broadcasters with premium TV channels, typically with exclusive sports rights, can use NexGuard Network ID to:

- Prioritize counter-piracy initiatives

- Take targeted anti-piracy action

- Apply to all linear services, most relevant for premium channels

How It Works

Key Features:

- Designed for linear broadcast and live event, integrated in broadcast-class equipment

- Quick detection time – with turnaround time as short as 3 minutes

- Compatible with NexGuard subscriber-based watermarking technology

- Optimized for best robustness and imperceptibility premium linear feeds

Storage | Watermark Embedding | Transfer | Unauthorized Disclosure | Suspected Files | NexGuard Detection Service

1 Evidence is forensically watermarked with a unique, imperceptible code.

2 As the evidence is distributed a unique watermark, registered to the recipient, is added to the file.

3 If any content is distributed illicitly, forensic detection will identify who was responsible.

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.

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NAGRA Kudelski is the world leader in the development and delivery of state-of-the-art technologies to secure the revenues of content owners and service providers for digital television and interactive applications across all network types.

dtv.nagra.com