

SECURE YOUR POST-PRODUCTION & DISTRIBUTION WORKFLOWS

Studios and content owners often need to share mezzanine, high-resolution files during the content creation, well in advance of theatrical release or PayTV airing. Any leak can have a substantial negative impact on revenue and marketing.

Traceability and identification are the foundations to deterring leaking. To combat leaks, studios and content owners can apply forensic watermarks throughout their workflows to help prevent negative consequences.

SOLUTION BENEFITS

- ✓ **Simple & Efficient:** A stand-alone solution for commonly used mezzanine file formats, requires no additional file transcoding.
- ✓ **Optimized & Fast:** Watermarking speed optimized for ProRes and XDCAM formats, several times faster than real-time.
- ✓ **Scalable & Automated:** Supporting multi-layered watermarking applicable to unique content, enabling traceability throughout the entire content workflow.
- ✓ **Centralized & Integrated:** Provides a unified view of organizational watermarking activities in the NexGuard Manager.

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

NexGuard Watermarking Technologies



The NexGuard File Embedder supports both NexGuard G2 and NexGuard ClipMark watermarking technologies:

▲ NEXGUARD G2

For watermarking full features and TV series in pre-release workflows:

- 1-step watermark (22-bit integer ID)
- For long form content (full features, TV series)
- Minimum of 2min30s of content to perform forensic investigations

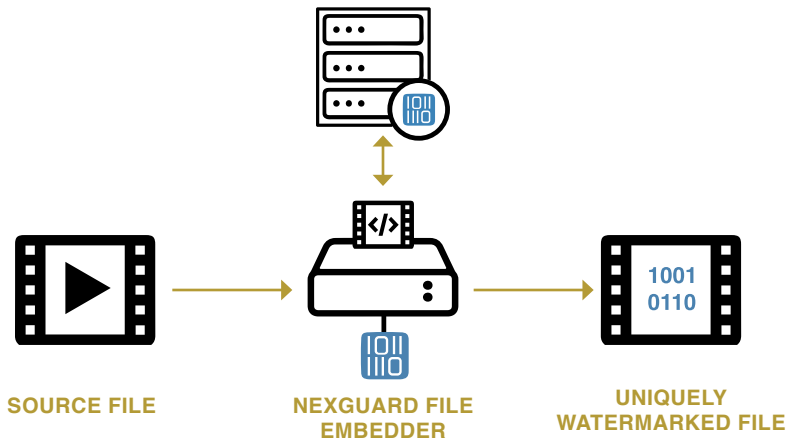
▲ NEXGUARD CLIPMARK

For watermarking clips in pre-release workflows.

- 1-step watermark (10-bit or 20-bit integer ID)
- For short clips like dailies/ rushes, test trailers
- Minimum of 30s of content to perform forensic investigations

PROTECT CONTENT IN POST-PRODUCTION & DISTRIBUTION

NEXGUARD MANAGER



Key Features:

- Watermarking technology optimized for the best robustness and imperceptibility for pre-released content
- Supports multi-layered watermarking
- Watermarking metadata administered by the NexGuard Manager
- Standalone video watermarking solution for mezzanine file formats
- One-to-one workflow, with possibility to automate the process via the NexGuard API

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
Secured Devices
Served 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

Consumers are the central focus of all NAGRA Kudelski solutions. Working worldwide with major pay-TV and streaming service providers, we continually incorporate learnings and investment to ensure our solutions are fit-for-purpose to face the demands of today's consumers.

From turnkey applications to custom application development, NAGRA Kudelski is here to support your business needs.

[Contact us](#) to learn more.

