

# SECURE YOUR POST-PRODUCTION & DISTRIBUTION WORKFLOWS

Piracy is one of the biggest threats to revenue for any organization involved in the distribution of content. Any leak prior to official release can have a substantial negative impact on revenue and marketing.

Studios and content owners can apply forensic watermarks throughout their post-production and distribution workflows to help prevent negative consequences. Traceability and identification are the foundations to deterring leaking and piracy.

## SOLUTION BENEFITS

- ✔ **Robust & Unique Protection:** Custom content watermarking on a per-file basis for post-production workflows such as subtitling and dubbing and during B2B delivery to multiple recipients or distribution channels.
- ✔ **Seamless & Flexible:** Watermarking performed as a video and/or audio filter, minimal CPU overhead with concurrent watermarking and transcoding as a single step.
- ✔ **Centralized & Integrated:** Unified view provided 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 Transcoder Plug-in



The NexGuard Transcoder Plug-in supports both NexGuard G2 and NexGuard ClipMark watermarking technologies:

### ▲ NEXGUARD G2

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

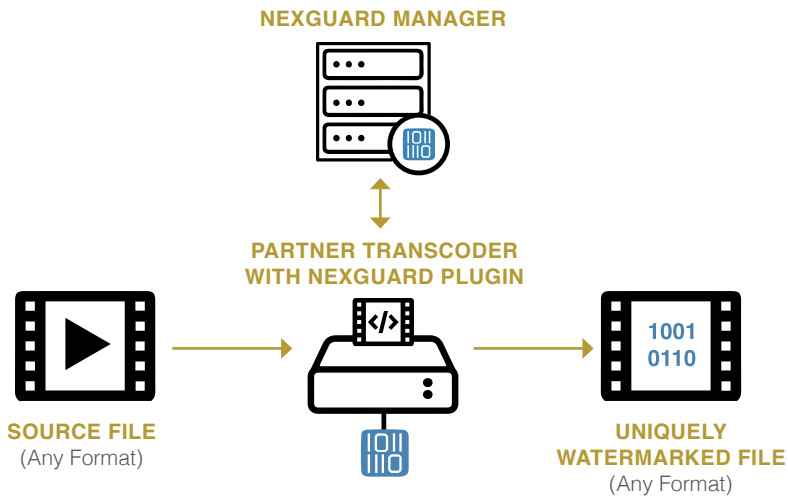
- 1-step watermark (22-bit integer ID)
- For long form content (full features, TV series)
- Minimum of 2min30s of content to perform forensic investigations

### ▲ 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

# ROBUST, YET IMPERCEPTIBLE FORENSIC WATERMARKING



## Key Features:

- Watermark embedding as a plug-in for transcoder nodes
- Watermarking performed as a video and/or audio filter
- Metadata stored in the NexGuard Manager providing 360-degree view of all watermarking activities
- Fully integrated with the NexGuard Detection Service

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.

