



RadiantGrid®
By Cinnafilm®



MORE THAN YOUR AVERAGE TRANSCODER

RadiantGrid is a proven and incredibly fast media transforming technology, simplifying workflows and generating trusted results with minimal configuration.

RadiantGrid is integrated with best-of-breed technologies that allow inline processing for functions such as Standards Conversion, Loudness Correction, Video Legalization, Image Optimization and Retiming, all as part of a single process/render.

The metadata-driven engine inside RadiantGrid will automatically detect container, codecs, audio, caption, and ancillary data stream information, and parse it into uniform mezzanine files that can be accessed and repurposed as many times as needed, without having to go back to the original source file.



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Overview

Many enterprise solutions are based on the creation of graphical workflows filled with boxes and connectors. While flexible, this approach also provides many chances for error; a forgotten audio map, an incorrect resolution entry, a missing video converter, and the workflow fails. RadiantGrid achieves the same flexibility with significantly less risk because its templates rely on automated, intelligent data gathering, not the skill level of the technician.

Typically, when you stack a workflow with many inline processes, the performance tends to slow dramatically. RadiantGrid is different because it leverages the power of the always-increasing processor core designs, allowing users to assign cores as necessary, maintaining your specific performance requirements.

With multi-core CPU, memory and storage costs falling every year, Cinnafilm does not believe in asking its customers to buy the hardware from us. Instead, Cinnafilm provides you with the minimum specifications and then lets you decide how fast you want to render.

Features

- Cinnafilm Product Integration:
 - Tachyon (Frame Rate Conversions)
 - Dark Energy (Denoise, HDR Upconvert)
 - Wormhole (Dynamic Retiming, Super Slow Motion)
- Change CODEC/Container
- Insert New Audio Tracks or Reorder Audio Tracks
- Insert New Caption Data (SAMI, DXFP, SCC, HCC Caption XML)
- Legalize Video (DPP Legalization)
- Audio Loudness Correction
- Ingest almost any asset type
- Most archive and broadcast containers/codec outputs
- Overlays, timecode/text burn-ins