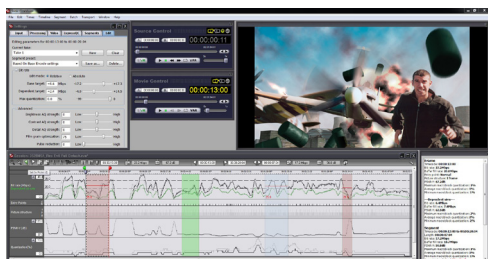


# Rovi TotalCode

Premium quality, high volume encoding for post-production, multimedia, broadcast, mobile and IPTV

## Benefits for Content Producers

- Scalable encoding platform with targeted solutions for specific production environments
- High volume, enterprise-class creation of premium quality encoded streams for multiple digital storefronts and devices
- High control, professional encoding with advanced QC toolset and segment re-encoding
- Desktop encoding for digital delivery
- Comprehensive video and audio codec support
- Share encoding presets across TotalCode products
- Build a foundation for growth, through scalable, server-distributed solutions
- Leverage industry-leading MainConcept codec technologies



Demand for content “anytime, anywhere” presents the entertainment industry with a new set of challenges – and production is no exception. Today, video and audio entertainment is consumed on a range of devices, such as tablets, smartphones, TVs and set-top boxes. And, they’re delivered through different channels, including broadcast/satellite, the internet and IPTV, each with unique bandwidth limitations and codec requirements. At the same time, a high quality playback experience has become a priority for consumers.

With Rovi TotalCode, content producers can meet the latest demands without impacting workflows or incurring major costs. TotalCode helps post-production facilities, digital storefront providers, multimedia companies, broadcasters and mobile operators efficiently create premium quality encoded streams from practically any source for consumption on multiple retail platforms, devices and broadcast outlets.

Built on Rovi’s market leading MainConcept codec technology, the TotalCode product line consists of a standalone desktop encoding solution; a mastering level professional encoder, including advanced QC and re-encoding refinement tools; and enterprise-class, server-distributed solutions that scale seamlessly to meet production needs. TotalCode integrates with existing workflows effortlessly, and it supports the video and audio codecs required to provide universal production services for today’s range of platforms and devices.

## TotalCode At-A-Glance

- **Comprehensive and scalable encoding platform** that grows with your business. Whether you need a desktop solution (TotalCode Studio), high volume server-distributed workflow (TotalCode Enterprise) or high control professional encoding toolset (TotalCode Professional)
- **High volume, server-distributed encoding** provides a highly efficient encoding workflow
- **High control professional encoding** offers unique QC and segment re-encoding capabilities
- **Built on Rovi’s MainConcept codec technology**, TotalCode gives you confidence in the quality and reliability of the codec technology at TotalCode’s core
- **Broad codec support**, helping you provide high quality encoding services, regardless of the codec and format required; support multiple file types at both the input and output stages
- **TotalCode platform file exchange** enables encoding parameters to be shared ensuring they are consistent and accurate for the target format
- **Optimised for Rovi-powered storefronts** with support of DivX® and Rovi Entertainment Store technologies



## Premium quality, high volume encoding for post-production, multimedia, broadcast, mobile and IPTV

### *Rovi TotalCode Studio*

TotalCode Studio is a standalone desktop application that encodes streams for popular digital delivery and broadcast formats. TotalCode Studio's key features include:

- **Support for Popular Delivery Formats** – Export multiplexed files using popular formats, including AVC/H.264, DivX, QuickTime (for Apple iPad/iPhone), VC-1, JPEG2000, HTML5 and more.
- **Scalable Codec Support** – Add more advanced video and audio codecs (e.g., JPEG2000 and MVC for Blu-ray 3D) as needed.
- **Batch List Encoding** – Execute multiple tasks efficiently by setting up a batch process for input files with the same presets and output format.
- **Built-in Video and Audio Processing** – Adjust source files with colour correction, timecode insertion, audio normalisation, video scaling, and frame and sample rate conversion.
- **Cross-platform Support** – TotalCode Studio supports both the Mac and Windows operating systems.

### *Rovi TotalCode Professional*

A high control mastering-level application, TotalCode Professional encodes streams for premium content digital delivery formats. Key features include:

- **Professional QC Toolset** – Perform detailed encode QC, with support for full-screen external monitor QC, fast source/encode comparison and frame-by-frame step-through playback.
- **Advanced Segment Re-Encoding** – Select specific segments of a completed encode and re-encode using different pre-processing settings or encoding parameters, without having to encode the entire feature.
- **Built-in Mastering-Quality Pre-Processing from Image Systems** – Improve encode quality by applying Emmy® Award-winning mastering-quality video processing filters from Image Systems.
- **Express QC** – Quickly identify a specified number of segments that potentially require re-encoding for further investigation and QC.
- **Server-distributed Encoding** – Speed up your workflow by distributing encode jobs across multiple systems on your network.

### *Rovi TotalCode Enterprise*

TotalCode Enterprise is a scalable high volume, server-distributed encoding platform that supports multiple digital delivery formats. Key features include:

- **Scalable Server-Distributed Encoder** – Encode a large number of streams by scaling your systems to use a virtually unlimited number of transcoding servers. (The more servers employed, the higher the number of streams that can be processed in a given time.)
- **Cloud Server and Storage Support** – Quickly and easily scale your system by utilising cloud servers for transcoding tasks, and cloud storage as an input and output location.
- **Advanced System Administration Toolset** – Easily manage job distribution and prioritization, as well as server dedication and user administration.
- **Flexible Client-side Operation Control** – Access the power of TotalCode Enterprise using a web client, command line interface or a custom internet-based application using the TotalCode Enterprise API.
- **Automated Workflow Support** – Set up automated encoding workflows using input and output watch folders that can be local storage or on public cloud storage including FTP, Amazon S3, and Dropbox.
- **Server-distributed Encoding** – Speed up your workflow by distributing encode jobs across multiple systems on your network.

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