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Producing Streaming Video For Multiple Screen Delivery



Synopsis

Published in 2013, *Producing Streaming Video for Multiple Screen Delivery* is the only compression-related textbook released after 2010, and it incorporates the latest technologies, including DASH and HTML5 and new devices such as 4G transmitters for mobile delivery. This book is written for producers seeking to distribute streaming video to the widest possible audience, including computers, smartphones and tablets, and Over the Top (OTT) devices. Written by Jan Ozer, this book delivers the lessons learned from years of producing and consulting on streaming, and serving as a contributing editor to the industry bible, *Streaming Media Magazine*. In this book, you will learn:

- The fundamentals of video streaming and compression, including adaptive streaming and H.264 encoding, and new technologies like DASH, HTML5 and HEVC.
- How to configure a single group of files to distribute to computers, mobile and OTT devices, and when it's better to customize files for different target platforms.
- How to most efficiently produce maximum quality video using tools like the Adobe Media Encoder, Apple Compressor, Sorenson Squeeze and Telestream Episode Pro.
- How to choose an enterprise class encoder, with extensive discussions of workflow tools like Telestream Vantage and the ProMedia Workflow System from Harmonic.
- How to choose between setting up your own streaming server or using an online video platform (OVP) and the most relevant questions to ask before choosing an OVP service provider.
- The best technology options for producing a live event, from choosing an encoding tool or 4G delivery platform, to choosing a streaming media server or Live Streaming Service Provider (LSSP) like Livestream or Ustream.
- When to consider using a rich media presentation system like Sonic Foundry MediaSite or MediaPlatform WebCaster and how to choose between the available systems.
- Which producers need to add closed captions to their streaming videos and how to do so.

This book is the successor to Ozer's highly regarded *Video Compression for Flash, Apple Devices and HTML5*, which has earned a five-star rating on Amazon and is used as a textbook by many colleges and universities. Published over two years after *Video Compression*, however, *Producing Streaming Video for Multiple Screen Delivery* is almost a complete rewrite, and contains links to the dozens of product reviews and video tutorials published and produced by Ozer over the last 24 months.

Book Information

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Customer Reviews

Jan Ozer has done it again with his new book on Producing Streaming Video for Multiple Screen Delivery -- providing fundamentals, technical details, and extensive practical guidance on how to prepare video for today's world, with a profusion of delivery screens and devices, from desktop to mobile, web to set-top. Jan is, of course, your go-to authority on streaming video theory and practice, with some two decades of experience reviewing video products, teaching and presenting seminars, and doing hands-on production of video shoots and on-demand streaming events. Even better, Jan freely shares his publications and presentations on his StreamingLearningCenter.com site, along with blog updates and sample materials that you can reference for further information. Then every couple of years, Jan kindly packages up his take on the current state of digital video in book format, providing both technical details and practical advice on compression, streaming, and the latest technologies. In this new Producing Streaming Video book, Jan has significantly expanded the coverage into a complete reference, with new initial chapters on the fundamentals of video streaming and compression, and especially the H.264 format. He then goes on to cover encoding tools, with detailed advice for achieving the best compression and quality with specific encoders and on specific platforms. The book then moves on to distributing your videos, featuring extensive coverage of live streaming, distribution options, and choosing a live encoder -- followed by a chapter going beyond the tech to offer sage advice on the logistics of producing live events.

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