OEM Software Solutions

for the Media Industry

OEM Licensing & Custom Software

OEM Answers from Minnetonka Audio Software

Purpose

Companies that need to stay current with consumer and professional delivery standards face a number of challenges. New codecs and technology must routinely be analyzed and adopted for encoding, decoding, and transcoding. Our mission is to make this process easier by serving the industry with certified, ready-to-use software solutions, improving time-to-market and adding the value of the technology within an affordable plan.

Advantages

Our partners benefit from these OEM solutions in a number of ways.

- Licensed technology – SurCode OEM Plug-in Modules are supplied as a product purchase that includes a license to use Minnetonka Audio's implementation
- Faster time to market – SurCode OEM Plug-in Modules are implemented with a simple, easy to integrate interface
- Technology experience - OEMs can utilize the technology in their systems, relying on Minnetonka's extensive experience with audio codecs
- Certification guaranteed – SurCode OEM Plug-in Modules are approved and certified by the codec vendor
- Cost effective – There are no up front technology license fees, and modules are purchased as needed

We are license holders for the following technologies:

Dolby®

- Dolby Digital (consumer and professional)
- Dolby Digital Plus
- Dolby Pro Logic II
- Dolby TrueHD
- Dolby E

DTS®

- DTS-HD Master Audio
- DTS-HD High Resolution Audio
- DTS Express
- DTS ES
- DTS 96/24
- DTS Digital Surround
- DTS Music Disc

More codecs and modules for quality control and production are currently under development.

SurCode for DOLBY E

SurCode for DOLBY DIGITAL

SurCode for DOLBY DIGITAL PLUS

SurCode for DOLBY PRO LOGIC II

SurCode for dts-HD Master Audio

SurCode for dts Digital Surround for CD/DVD

OEM & Development

Products & Services

Introduction	Minnetonka Audio Software, makers of the SurCode, AudioTools Server, discWelder, and other audio software applications and plug-ins, also provides OEM and custom software and development services to some of the biggest names in the professional audio and broadcast industries. Our deep expertise and licensing partnerships in codecs and workstation architectures, coupled with a vast collection of custom components and development libraries, gives us a unique ability to quickly and cost effectively meet the needs of our OEM partners and development clients.
Partners & Customers	Dolby, DTS, Adobe, Cisco, Avid, Steinberg, Linear Acoustic, Digital Nirvana, Digital Rapids, Harmonic, Lawo, Merging, Telestream, RadiantGrid, Mediaware, THREADS, AmberFin, New-Tek, NOA, ASTRA, PlayBox, Cube-Tec, Venera Tech, AcoustX, DMA, Fairlight, Cinnafilm, LTRT, IOSONO and more.
Capabilities	**Development** — Plug-in development, client/server applications, device drivers, custom user interfaces (skins), documentation and help tools, internationalization/localization, verification and validation of performance/functionality, version control and technical support services. **OEM Modules** — Off the shelf OEM "plug-in" modules for Windows and Linux, providing Loudness management and adjustment, pre-licensed encode & decode of multichannel audio codecs from Dolby and DTS, meta data and PCM quality analysis, and more. **Consulting** — Minnetonka Audio Software can provide the technical resources, project management, and most importantly, experience to assist you in bringing your product to market on time and within budget.
Tools	**Languages** — C, C++, C#, Objective C, Java, Visual Basic, SQL **Development Environments** — Visual Studio, .net, XCode **Plug-in Environments** — ProTools RTAS and AudioSuite, VST, Audio Units, AWE, custom
Technology Expertise	ITU/EBU/A85 loudness compliance, transcoding, realtime mixing/playback, dynamics & filtering, sample rate conversion, Dolby Digital Plus, Dolby Pro Logic II, Dolby E, Dolby True HD, DTS-HD, MPEG TS, QuickTime ProRes, MXF, AAC, CD/DVD/Blue Ray authoring, DDP, Verance & Civolution watermarking and metadata handling solutions.

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