

StarBurn SDK

Add CD/DVD/Blu-Ray/HD-DVD burning capabilities to any custom application in just a few minutes



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▶ What's This ?

- StarBurn is an advanced CD/DVD/Blu-Ray/HD-DVD burning, grabbing and mastering software development kit for Microsoft Windows and Linux.
- StarBurn SDK enables everyone to add reliable, high-performance CD/DVD/Blu-Ray/HD-DVD burning capabilities to any custom application in just a few minutes.
- The SDK supports virtually all available burning hardware, including modern high-capacity Blu-Ray and HD-DVD devices
- StarBurn takes care of complex issues associated with the burning process such as handling specific optical media types, thread management, intermediate caching and non-standard device commands.

Key Benefits

- All MMC compatible CD/DVD/Blu-Ray/HD-DVD devices are supported.
- StarBurn supports Microsoft Visual C/C++, Microsoft VB.NET and C#, Java and JavaScript, Borland C++ Builder and Delphi, GNU C/C++.
- **100% Royalty Free:** There are no royalty fees for redistributing software applications written using the StarBurn SDK.

Key Benefits: Continued

- Microsoft Windows and Linux are supported (with Windows CE and MacOS X support coming soon). For Windows there are also "NT Native" and "Kernel" versions of StarBurn SDK available. This makes it possible to burn CD/DVD/Blu-Ray/HD-DVD during very early operating system boot stages when the Win32 environment is not loaded yet. This is the ideal method to back up an entire hard disk image reliably, without any write data in progress. As an example, StarBurn in "NT Native" mode is used with Paragon Drive Backup.
- StarBurn is one of the few optical media SDKs with network burning support available. Your application would not require the presence of physical CD/DVD/Blu-Ray/HD-DVD burning hardware installed on the same machine where the application runs. You can "map" a remote device located on another continent (using an IP connection between client and server) and burn to the remote device with StarBurn as though it was real hardware attached to your computer. This means an expensive high-capacity Blu-Ray/HD-DVD burner or DVD autoloader could be shared similar to a network printer. This technology licensed from Rocket Division Software is used by Alcohol 120% CD/DVD emulator to burn to remote CD/DVD/Blu-Ray/HD-DVD drives.

Features

- StarBurn SDK is redistributable as a Dynamic-Link Library (DLL), ActiveX (OCX) or static library (LIB) built-in into your application executable. We don't force our customers to use a single hard coded approach. A DLL is generally easier to maintain and updates to new StarBurn versions are trivial (only core StarBurn.dll should be replaced). An OCX is a slightly easier to program and a LIB is treated as more "secure".
- OSTA UDF compatible file system mastering (UDF 1.02, 1.50 and 2.01). Files larger than 2 GB and with names up to 2048 characters long now could be stored on optical media. You don't need to use third-party tools to split your huge database backups or rename very long file names before burning them. These are things of the past with StarBurn SDK.
- Bridge file system (ISO9660/UDF for DVD-Video creation) mastering. StarBurn creates a bridge file system which is DVD-Video compatible. Such media could be read with both stand-alone DVD players and older Windows 95 and DOS boxes. And yes, our burning toolkit makes DVD-Video and DVD-Audio images that pass PHILIPS DVD-Video Verifier without mastering errors. This means DVD's created with the StarBurn SDK are playable in any stand-alone DVD player.

Features: continued

- Full CD-Text support. This feature allows you to store artist/album/track names in the CD lead-in area. CD-Text capable stand-alone CD/DVD players would display this information during the play operation. Your mastered CD discs would not be nameless from today!
- 1GB padding for DVD-Video burning modes done automatically. It's up to StarBurn SDK and not up to a particular DVD burner whether the final DVD-Video compilation is padded or not. StarBurn always creates compatible DVDs.
- StarBurn can do verification of recorded CD/DVD/Blu-Ray/HD-DVD media. Disc quality would be checked and reported immediately after the burn process completes.

Supported Platforms

- Windows 95/98/Me/NT/2000/XP/2003/Vista/Longhorn
- Linux 32-bit and 64-bit
- Windows CE and MacOS X versions are coming soon.

Customers List (partial)



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Company About

- Rocket Division Software is a leading provider of high-performance technologies for the data storage and networking industry.
- Our "know how" and development expertise cover a wide range of existing and emerging storage and networking technologies, such as:
 - CD/DVD/Blu-Ray/HD-DVD recording and mastering
 - Tape backup and restore
 - iSCSI and AoE (ATA-over-Ethernet)
 - Virtual storage
 - TCP, SCSI and file-system filtering
 - Local and network file system design

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Thank you!!!

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