Sonic Scenarist® BD brings Scenarist's proven performance and reliability to the Blu-ray Disc format, providing a comprehensive, professional BD creation solution for the next generation of optical media. Offering maximum playback compatibility and complete spec-level access to every aspect of the Blu-ray Disc specification, Scenarist BD delivers unrivaled power and world-class results.

INTRODUCING SCENARIST

Scenarist BD is a comprehensive authoring system developed expressly to tackle the complex challenges of professional title creation for the Blu-ray Disc format. Built to the same standards of performance and reliability that have made Scenarist the worldwide leader for commercial DVD authoring, Scenarist BD delivers the in-depth, hands-on authoring power you need to develop highly-interactive titles that maintain maximum compatibility across the widest possible range of players.

Scenarist is the only authoring solution that prepares you fully for the future of optical media, positioning your facility to meet customer demand for every aspect of the Blu-ray Disc format. Scenarist's BD creation capabilities include complete support not only for HDMV (Movie Mode), but also for the advanced interactive capabilities powered by the BD-J specification. When it comes to unleashing the full power of the next-generation BD format, no other commercial authoring system comes close.

Built as a seamlessly-integrated suite of task-focused modules, Scenarist provides maximum workflow flexibility by supporting custom-tailored configurations to meet individual facility needs. It also integrates with Sonic's Hollywood-standard CineVision™ encoder, improving efficiency by exchanging asset metadata. And it's backed with SonicCare™ Support to ensure that questions or problems don't keep you from meeting your clients' deadlines.

Developed in collaboration with the Sonic HD Authoring Alliance (HDAA), a worldwide association of top authoring houses, Scenarist BD was designed with and for the professional authoring community. Whether you're delivering stunning high definition linear video or enabling complex interactivity with seamlessly-integrated BD-J applications, Scenarist BD provides comprehensive specification support and unique spec-level manipulation of parameter details. With Scenarist BD, you'll have both the control and the freedom to create distinctive, feature-packed titles that realize the full potential of the next-generation high definition Blu-ray Disc.

KEY FEATURES

Complete Network-aware Production Workgroup

Scenarist BD has been designed to provide the most efficient source-to-disc BD production solution available, handling every aspect of Blu-ray title creation from menu design through to encoding and authoring - all of which can be carried out on any network-connected workstation within a facility's workgroup.

Full Support for BD-J Advanced Interactivity[1]

Scenarist BD enables you to offer your clients all of Blu-ray's advanced interactive features to give your titles unique appeal: seamless full-color menus over video, pop-up menus with sophisticated animation, synchronized picture-in-picture bonus content, games, and built-in Internet connectivity to download additional streams, share your viewing experience, and enjoy the full range of BD-Live applications.

BD-Live Project Management Support[1]

Scenarist BD features a project management architecture designed to more efficiently enable BD-Live title development. With Scenarist you can create projects that contain multiple sub-projects which enable content to be released on-disc or as Virtual File System (VFS) updates to manage BD-Live content post-release. Scenarist's project management architecture can also be used to create multiple versions of HDMV titles within a single project to significantly accelerate production for episodic, catalog, or box-set edition titles.

Seamless Movie-centric Experience - The next-generation formats offer a seamless menu-over-video experience so that you never have to leave the main feature.

Streamlined Graphics and Menu Design Workflow

The Scenarist Designer plug-in for Adobe® Photoshop® places control of graphic design firmly where it belongs – in the hands of the graphic artist. Using Adobe Photoshop and Scenarist Designer, the graphic artist controls every aspect of the interactive layout including button style, button layout, color palettes, image dithering, and the chosen optimization algorithms. Scenarist Designer creates a unique XML file which, when imported into Scenarist BD, automatically creates Interactive Graphics and Presentation Graphics, Pages, and Buttons, including all states and animations. This unique workflow removes the need for authors to carry out any menu layout tasks and completely eradicates the possibility of layout errors.

Progressive Playlist Support[1]

Scenarist BD allows downloading playlists and clips from the Internet and initiating playback before the download is finished. This enables the user to receive additional or updated content after the disc has been released. The Blu-ray disc will always be "up-to-date".

Integrated Emulation and Debugging

Using Scenarist QC HDMV and BD-J authors are able to preview their titles without the need to burn a test disc. In addition to the audio-visual experience, Scenarist QC offers tracing and debugging utilities that enable setting breakpoints, tracking the status and values of registers and saving a playback log to debug even the most complicated titles.

The Choice of Hollywood

Scenarist's unique combination of authoring power and efficiency has made it the chosen BD creation platform of top Hollywood authoring facilities including Technicolor and GDMX.
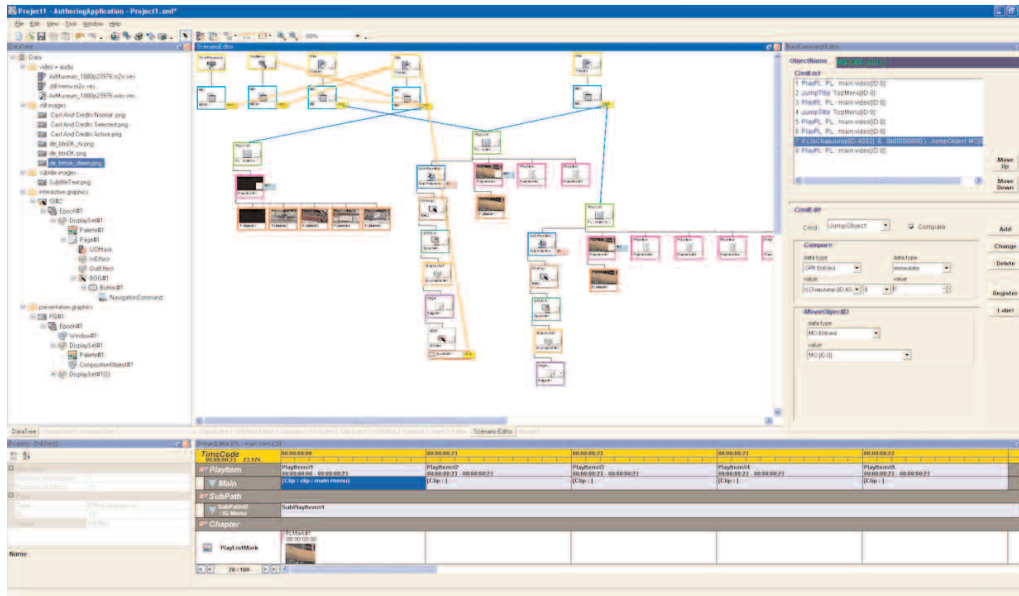
Proven First-class SonicCare™ Support

Sonic offers a unique level of post-sale support and training staffed by industry professionals with extensive format knowledge.

Flexible Workgroup Productivity

Scenarist BD's unique modular architecture is designed for custom workgroup configuration leaving facilities the choice of performing multiple tasks at a single workstation or spreading the production process over several stations - ensuring your workflow is as productive and profitable as possible.

Distributed Multiplexing[1]

Utilize any available computer on your network to multiplex completed projects, reducing multiplexing times and enabling authoring systems to remain active and move onto the next paid job in your production queue.

Blu-ray Disc Authoring - Scenarist provides unrivaled access to Blu-ray Disc specification.

Flexible BD-J Workflow[1]

BD-J components can be created from within Scenarist BD or created elsewhere and imported, allowing authors and BD-J developers to share projects and applications across development environments and workflows.

Comprehensive Format Support

With full support for all Blu-ray Disc Profiles - 1.0 Standard; 1.1 Bonus View; and 2.0 BD-Live - Scenarist BD is the only authoring system that positions your facility to comprehensively support every aspect of the next-generation Blu-ray Disc format.

Comprehensive BD-J Security Support[1]

Using Scenarist Safeguard - included with every Scenarist BD system - Scenarist BD offers flexible support for all security requirements required for BD-J and BD-Live, including Online Certificate Support, and enables integration into any BD-J creation workflow.

Integrated Archive/Restore

Easily move projects from one Scenarist system to another. A single project archive contains all of the original, intermediate, and final assets required for the project. This archive is fully portable, enabling easy project collaboration with a Scenarist workgroup.

Rimage Server Integration

Scenarist BD features integrated support for the Rimage range of publishing systems so you can send completed projects directly to any Rimage server, across the network, for seamless burning, labeling, and publishing to BD.

Sonic – Committed to Your Long-term Business Success

Sonic is the only BD tool provider committed to long term and on-going product development to ensure your business continues to benefit from the latest format developments and critical bug fixes.

SPECIFICATIONS

Video Support
- AVC (H.264) Main/High Profiles, Levels 3, 3.1, 3.2, 4, and 4.1
- VC-1 Advanced Profile, Levels 2 and 3
- MPEG-2

Primary Audio Support
- DTS®
- DTS-HD High Resolution Audio
- DTS-HD Master Audio
- Dolby® Digital
- Dolby Digital Plus
- Dolby TrueHD
- Linear PCM
  - 48kHz, 96kHz, 192kHz (optional)
  - 16 bits, 20 bits, 24 bits per sample
  - 2, 4, 6 or 8 channels

Secondary Audio Support (Picture-in-Picture)
- Dolby Digital Plus
- DTS-HD LBR

Interactive Audio Support (Button Sounds and BD-J applications)
- Linear PCM (48kHz, 16-bits, mono or stereo)

Still Image Support
- PNG (256-color, .png)
- TIFF (.tif)
- JPG (.jpg)
- BMP (.bmp)

Font Support
- Open Type Fonts (.otf)

Subtitle Support
- Presentation Graphics
- Text subtitles
- Sony BDN subtitle format

Menu Support (HDMV Movie Mode)
- Page In and Out Effects
- 'Pop-up' interactive menu graphics
- 'Always-on' interactive menu graphics
- Out-of-mux interactive graphics
- Animated buttons
- Button effects
- Button sounds

Graphics Preparation
- Scenarist Designer PS (Photoshop® Plug-in)
- Photoshop CS support
- Automated 8-bit graphics optimization
- Automated PNG creation (from layered PSD files)
- XML export from Scenarist Designer PS to Scenarist BD

Specification Support (HDMV Movie Mode) (Values in brackets are for Scenarist BD Studio)[2]
- Full BD Specification Support
- Profile Support
  - Standard Profile Support 1.0
  - Bonus View Profile Support 1.1
  - BD-Live Profile Support 2.0
- Picture-in-picture Video[3]
- 999 (50) Supported Movie Objects
- 9 (1) video angles
- 32 (3) Audio Streams
- 32 (5) Presentation Graphics Streams (Subtitles)
- 999 (50) Playitems per Playlist
- 32 Buttons per Button Overlap Group
- 256 Button Overlap Groups per page
- 1001 (50) Titles
- 2000 (50) Playlists
- 4096 General Purpose Registers
- Graphics stream support
- Slideshow support (MPEG-2, AVC and VC-1 still encoder included)

Specification Support (BD-J)[1]
- BD-J API libraries for compiling BD-J code
- BD-J Object Creation
- Easily drag and drop BDJO and JAR files into Scenarist HDMV Authoring
- Scenarist HDMV xml support[1]
- BD-J title multiplexing and playback
- Tutorials including BD-J sample code[1]
- BD-J debug cycle (disc image)[1]
- Third-party Java IDE support[1]
- Full BD-J Security Support[1]
  - JAR file signing[1]
  - Key Management[1]
  - Permission Management[1]

Content Protection
- AACS Support
- BD+ Support

[1]Scenarist BD Professional with BD-J Option required

[2] Audio and Subtitle stream limitations in Scenarist Studio can be removed with the optional language pack

[3] Only available in Scenarist BD Studio with the optional picture-in-picture option

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