



# GAME SHIELD™



## License and Protect Games Your Way

GameShield includes everything needed to safeguard, manage and distribute your games, but keeps it simple for your customers to play them. GameShield's versatile and powerful Digital Rights Management software is packed with innovative, user-friendly development tools and copy protection that will save you time, money and effort. GameShield offers editions that will scale to the challenges and budgets of small to large enterprises, with flexible licensing, order fulfillment and protection to meet your requirements. With GameShield you can effectively and efficiently manage the security and licensing of your games throughout their life cycle.

### Business and License Models Supported

GameShield supports various time-based and usage-based DRM, and combinations of the two. These license models can include:

- Time-based: by minutes, hours, days, or by specified start and end date
- Usage-based: by number of executions
- Feature-based\*: pay-per-level, pay-per-item, micro-transactions
- Customized version\*: create your own license model

\*These models are achieved by combining GameShield's COM-based protection and wrapper technology.

### User-Interface and Promotions

Create a seamless, branded user-experience by utilizing GameShield's ready-to-use HTML UI templates, or create your own to fit your marketing needs. Our UI templates support pre-roll advertising, that can leverage media-rich formats such as video and Adobe Flash. And reminder and prompt screens can be easily modified and localized inside GameShield's License Manager.

### License Management

You can manage validation and activation of your customers' purchased products using GameShield's simple and flexible activation tools. Serial numbers can be generated in batches or "on-the-fly", and then authenticated and activated automatically through our hosted CheckPoint License Server. Product support for your customers is also easily maintained by the rules you specify.

Contact us today to find out more on how GameShield can maximize your revenues by protecting what matters most – your Intellectual Property.

For more information visit GameShield's website at [www.gameshield.com](http://www.gameshield.com)

GameShield is a product of Yummy Interactive Inc., a leading provider of secure distribution products for video games and software applications.

## GameShield Maximizes Your Sales Potential

- Support a wide range of offers including: Try-Before-You-Buy, rental, standard purchase (no trial), pay-per-level as well as pre-release initiatives such as demos, media reviews, and beta programs
- Create only one game build for both online or physical (CD/DVD) distribution, allowing for seamless updates and easy product consumption
- Wrap a game in minutes using GameShield's step-by-step Wizard which guides you through the protection and licensing features
- Rapidly deploy a large catalog of games to resellers or your portals by using GameShield's command-line compiling
- Manage your licenses and automate both Serial Number generation and activations with our hosted license server for easy, "hands-off" customer-order fulfillment
- Implement GameShield's ready-to-use pre-defined license models or fully customize your own
- Advertise and upsell your products by customizing GameShield's HTML UI by combining IronWrap and COM component features



**Yummy Interactive, Inc.**

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## Maximize Your Productivity

- Protect your Intellectual Property with GameShield, which not only protects your game's core .EXE but all your game's resources
- Business License models and HTML UI are 100% customizable by combining GameShield's COM component and IronWrap features
- GameShield supports the following application formats: Standard PE 32-bit Windows applications (.EXE outputs), and Adobe Flash applications
- GameShield's Anti-Virtual Machine protection supports VMWare, Microsoft VirtualPC, Sun VirtualBox, QEMU and more
- Review and test your license projects with GameShield's FingerPrint Viewer, our supplied sample code, and test-case checklists
- GameShield's SDK is compatible with Microsoft Windows Operating Systems
- GameShield is compatible with popular installers (such as Wise Installer and Installshield)
- Localize your reminders and prompt screens into other languages quickly and easily with our built-in tools
- Support is readily available from our technical support staff and extensive online help resources

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## Powerful and Flexible DRM

GameShield has a full array of simple licensing and activation methods to engage all gamers and a full arsenal of protection tools to keep crackers at bay. Reduce your development team's workload, using GameShield's DRM Toolkit and free up your time to focus on what you do best – developing great games.

GameShield includes IronWrap, our sophisticated wrapper technology that protects existing game applications without altering your source code. GameShield also provides a COM-based solution allowing for 100% customization to meet your business and security needs.

## Detection and Protection

GameShield includes many innovative anti-cracking capabilities.

- CodeRivets – burrow "holes" into your code that have to be unlocked by code exchange but never "refilled" in order to execute
- Anti-Virtual Machine Protection
- Anti-Code Injection Protection including: Anti-Message Hook, Anti-Remote Thread
- Anti-Debug Tools such as: Code Rivets, Remote Code, Call-Trap, Code-Chain
- Internal Resource Protection
- Export Protection Technology
- API Filter Protection Technology
- Digital Signature Validation Protection
- Anti-PE Reconstruction Protection including: Import Address Table, Export Address Table, Relocation Table, Resource, Digital Signature, PE Header

## Protect all your game files as a whole with IronWrap

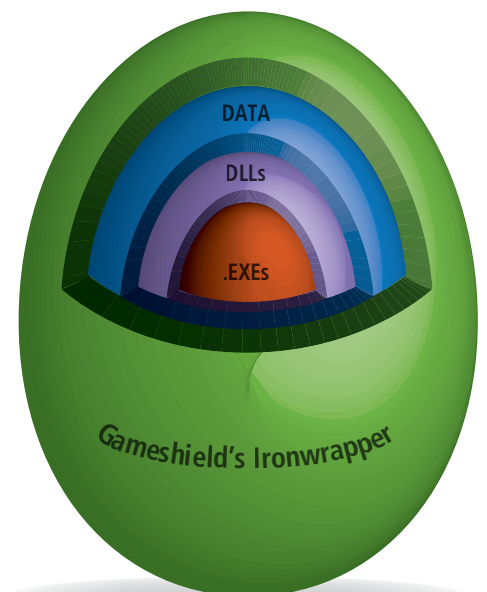
IronWrap will protect and compress your application and its ancillary files as one file in an "all-in-one" package. Whereas traditional wrapper protection protects just your .EXE, your game resources, DLLs and data remain outside of the executable which leaves your game vulnerable to crackers.

By wrapping and protecting all your files into one executable you close down traditional

"back-doors" to your source code. You can also protect asset files by embedding them into the executable or into an AXS file (our proprietary file format). IronWrap will encapsulate:

- Application Executables (EXE/DLL/OCX)
- Game Data (Textures/Audio/Video/Script/Font)
- Game Documents (Doc/Txt/PDF/Flash, etc.)

Learn more about GameShield's complete DRM solution by visiting our website and try our free evaluation version of our SDK at [www.gameshield.com](http://www.gameshield.com)



**GameShield's protection envelopes all your game data**