



Introducing the simplest & most powerful  
development engine for gambling games





## Contents

What is Unity?	4
The Unity advantage	6
Unity for gambling	8
Effortless multiplatform deployment	10
Ease of use	11
High Quality	12
Superb Performance	14
Smooth Collaboration	15
2D and 3D animation with Mecanim	17
The Asset Store	18
The Unity Community	18
Documentation	18
Learning Resources	18



## What is Unity?

Unity is a fully integrated game engine that provides rich out-of-the-box functionality for you to create games and other interactive 2D and 3D content by:

- Assembling your art and assets into scenes and environments.
- Adding lighting, audio, special effects, physics and animation.
- Simultaneously playtesting and editing your content.
- Publishing to your chosen platforms: Windows, Linux, Mac, the Web, iOS, Android, Windows Phone 8, Windows Store apps, BlackBerry 10, Wii U, PS3, PS Vita and Xbox 360. Unity has also announced upcoming support for Tizen, PS4 and Xbox One.

The Unity engine has revolutionized the interactive content development industry. Its complete toolset, intuitive workspace and rapid, productive workflows help users to drastically reduce the time, effort and cost of making interactive content. With over 500,000 developers using the Unity editor every month, Unity is the engine of choice across broad swathes of the gaming industry.



Unity supports the creation of any 2D or 3D gambling game, including, reel spinners, poker, blackjack and roulette games. Plus, you can use Unity to produce the full range of traditional videogames such as: browser-based MMOs, first-person shooters, racing games, real-time strategy games, third-person shooters, roleplaying games, side-scrollers and more.



## The Unity advantage

### Work smarter

Build once and deploy across more than a dozen platforms including Windows, Linux, Android, iOS and the Web.

### Work faster

Play test as you iterate with Unity's intuitive and extensible editor workspace. Tweak your assets with familiar tools and, once you've saved them, Unity updates automatically.

### Make it better

Create gorgeous 2D and 3D content with outstanding visual fidelity and a smooth framerate.

### Make it durable

All the tools to deliver runtime stability across target platforms.

### Make it together

Extend Unity for easy local and remote collaboration with custom version control integration, Perforce and Plastic SCM.

### Get help

Find all the ready-made assets you need, sign up for free online training, watch tutorials, read our thorough documentation and exchange ideas and tips on our highly popular forums.



## Unity for gambling

Unity is firmly committed to the gambling space. We work actively to understand our customers needs and provide them with long term value and high-quality support.

- Unity is the engine of choice of many of the industry's leading companies.
- Our dedicated team of gambling development engineers draw on over 25 years of sector experience.
- Gambling-industry-hardened Unity experts can also provide onsite architecture development assistance to help clients hit the ground running.
- You can port Unity to custom Linux environments with source code modifications, and our source code is available to all who wish to license it.



We travel the world to stay close to our clients. Meet us at these trade shows amongst others:

- ICE Totally Gaming
- iGaming Asia Congress
- ENADA
- GDC
- G2E Asia
- iGaming Super Show
- GIGSE
- G2E Las Vegas
- SAGSE
- Our very own Unite conferences

## Effortless multiplatform deployment

No other game engine makes it so easy to reach players anywhere in the world with such a range of platform choices. Unity makes publishing a build for any supported platform near-seamless. Press the build button, save your content and Unity builds it. Yep, it's that simple.

Currently, we support Linux, iOS, Android, the Web, Mac, Windows, Windows Phone 8, Windows Store apps, BlackBerry 10, Wii U, PS3, PS Vita and Xbox 360. Unity has also announced upcoming support for Tizen, PS4 and Xbox One.

### Optimize for mobile

Our engine is uniquely popular amongst mobile developers. They use occlusion culling, mobile-optimized filters and effects, light probes and more to build mobile content that amazes without taxing mobile devices.

### Wow the Web

Takeup of Unity's current web deployment platform, the Unity Web Player, is skyrocketing as it proves incredibly popular with gamers and developers alike. We are currently working on a new web deployment function to ensure that content authored in Unity will run just as effectively in future generations of browsers.



### Smooth deployment to gambling platforms

Unity provides source code access to selected gambling clients so you can optimize for your specific Windows or Linux build. Plus our integrated multimonitor solution means you have out of the box support for base games and bonus rounds running in tandem.





## High Quality

### 2D and 3D physics

Create action-packed 2D content with Box2D or make your 3D app move like life with NVIDIA® PhysX® – both are fully integrated with the Unity engine and can help you bring immersive and visceral scenes to life with all the detailed physics you want.

### Lighting

Unity's iterative lightmap baking gives you complete control of your lightmapping workflow. The integrated lightmapping tool, Beast, perfectly bakes lights into textures for amazing performance.

### Particle system

Wield complete artistic control over particle effects with Shuriken, Unity's curve-and-gradient-driven modular particle system tool.

### Audio

Unity provides powerful tools for resonant scenes. In-game audio is powered by FMOD, one of the world's most widely used libraries and toolkits for the creation and playback of interactive audio.

### Materials

Unity can automatically import materials created in a 3D modeling package and set them up as reusable assets. Create your own materials,

choose from over 100 built-in shaders or shop in the Asset Store and choose from more than one thousand ready-to-use packs.

### Rendering

Create content with high visual fidelity and smooth performance with full support for DirectX 11; plus use linear space lighting, deferred lighting and HDR rendering.

### Terrains

Vast, densely foliated landscapes that run smoothly on high-end and low-end hardware.

### Shadows

Create awesome shadows on any platform with the option to use both Unity's awesome realtime and baked shadows.

### Special effects

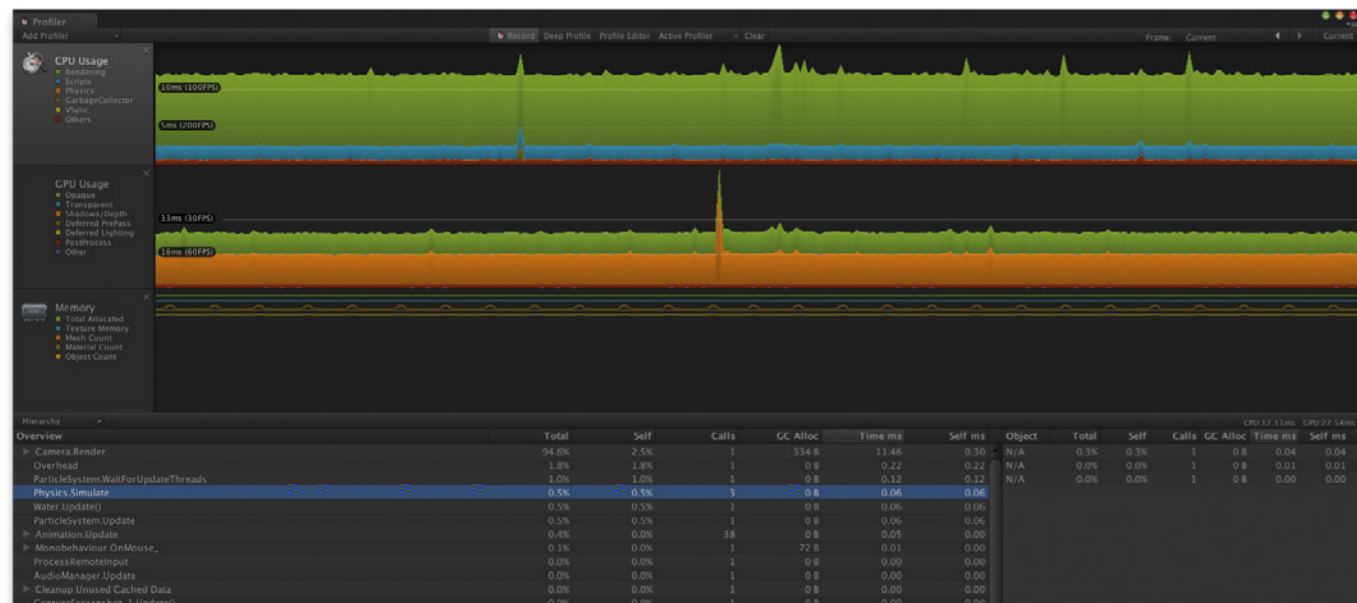
Take your content from good to gorgeous with Unity special effects and still have it run efficiently on mobile platforms. Choose from a whole range of advanced post processing effects such as lens effects, glow and bloom and motion blur, or add cool details with render to texture effects, such as images and characters reflected in mirrors.



## Superb Performance

Focus in on the areas of improvement that have the biggest impact on performance with the feature-rich Unity Profiler that reports exactly how much time is spent in the various areas of your app, right down to the level of individual assets.

Optimize performance by rendering only what can be seen by the camera with Unity's exclusive precomputed Occlusion Culling solution. Developed together with Umbra Software, Unity's Occlusion Culling works on mobile, web and consoles with minimal runtime overheads.



## Smooth Collaboration

Unity's Team License add-on includes the Unity Asset Cache Server and features integrated support for Perforce and Plastic SCM.

The Asset Cache Server drastically reduces the time it takes to import assets when working in large teams and facilitates smooth and convenient asset sharing between projects and folders.







## 2D and 3D animation with Mecanim

Mecanim, Unity's uniquely powerful and flexible animation system, brings your human and non-human characters to life with incredibly natural and fluid motion.

Mecanim abolishes the need to spend expensive development efforts to integrate 3rd party middleware. It's natively integrated with and optimized to run in the Unity Engine.

Use the dopesheet setting in the animation window to automatically animate sprites, retarget your 3D animations across characters, drive blend shapes for facial animations and call any script function you want from inside the animation playback.



## The Asset Store

Save critical time and effort and find ready made assets and editor extensions in the Asset Store. Character models, props, materials and textures, landscape painting tools, game creation tools, audio effects and music, visual programming solutions, scripts and editor extensions are all available.

## The Unity Community

Join the active and enthused Unity Community, help your peers with their projects and get advice from all across the globe on how best to get the utmost out of the Unity engine.

## Documentation

Thorough, well-organized and easy-to-read, our online documentation provides high-quality resources to help you while you develop your interactive content. Our constantly updated documentation covers how to use every single component in Unity, with a separate reference guide for how to create and use scripts.

## Learning Resources

Sign up for free online training and see video tutorials authored by in-house Unity experts. There's everything you need to get started.

Visit [unity3d.com](http://unity3d.com) to learn more about all of the features in this brochure, to access our learning resources and documentation and join the community.

For more information about the gambling vertical, please contact Vice President Worldwide Gambling, Ngozi Watts at [ngozi@unity3d.com](mailto:ngozi@unity3d.com).



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