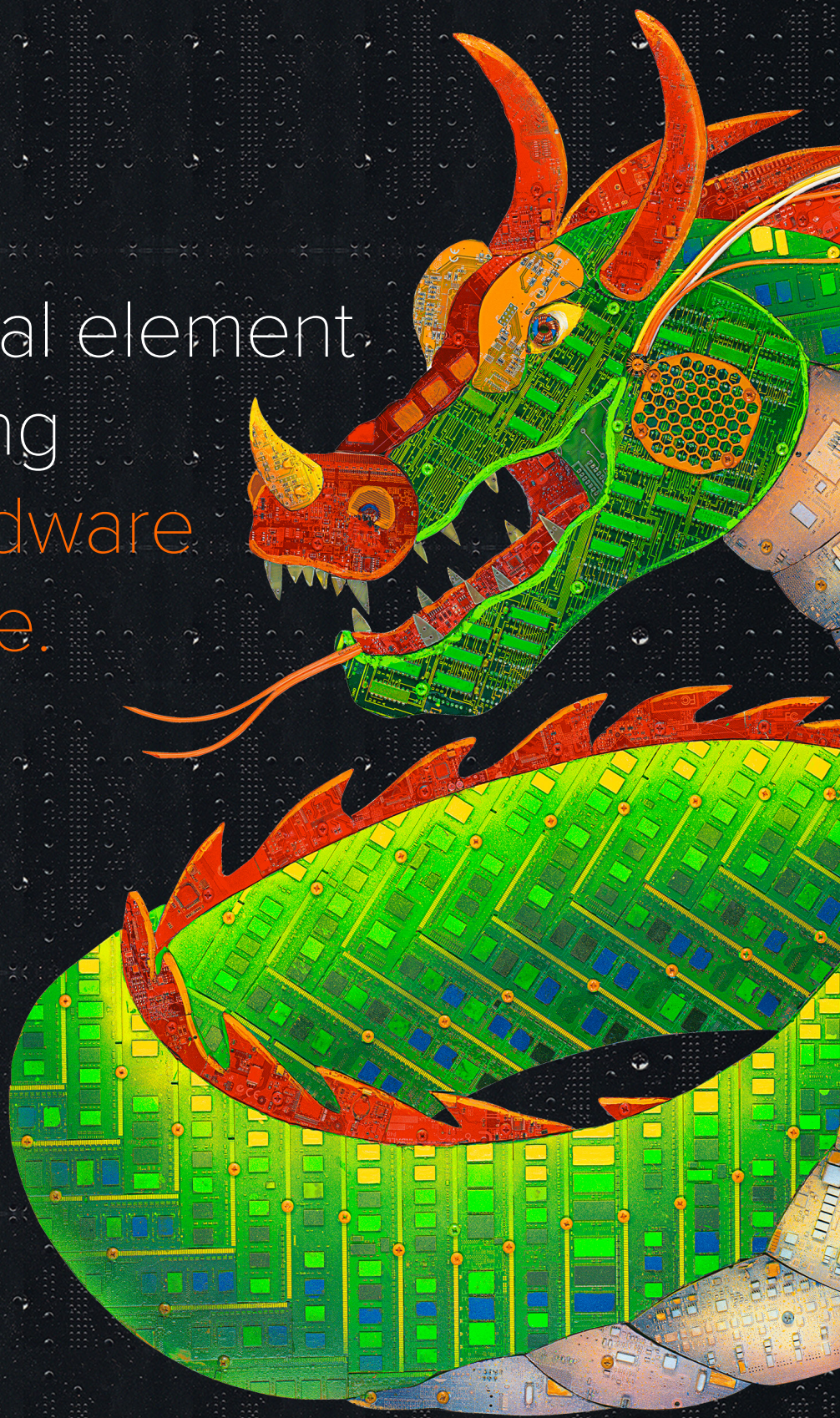


QUIXANT

Software:
The essential element
to maximising
gaming hardware
performance.



Globally. Creatively. Strategically. Technologically. There are no limits with Quixant.

www.quixant.com

HOW CAN EMBEDDED, CUSTOMISABLE SOFTWARE ENABLE YOU TO TAKE YOUR GAMES TO THE NEXT LEVEL?

Game development, and content development specifically is a complex “art” and has always been challenged by the limits of gaming hardware. As regulatory bodies evolve gaming regulations and legislation, this has led to an increased need for and adoption of standardised gaming technology.

Rather than create complex gaming embedded systems in-house, many game developers and manufacturers are now opting for standardised options from an external provider; an evolution which comes with many advantages.

Take your game development to the next level with embedded, customisable software.



Enable optimum game development

Game development requires very specific knowledge of the gaming industry, local regulations, cabinet hardware devices, peripherals, and the servers used in the operator environment. Whilst essential, these elements do not contribute towards the game's success: making the games interactive, immersive, and engaging is the key to attracting and retaining consumers.

Opting for gaming hardware platforms with specialist gaming software embedded will effectively and immediately address these elements and enable you to focus your efforts on content development and enhancing the player experience – the areas that make a difference to game play.



Ensure game security and regulatory compliance

Whilst land-based gaming regulations differ across jurisdictions, they are often complex, labour intensive and costly to adhere to. This is particularly true in the highly regulated markets, which prolongs the time it takes to get a game to market and generating profit.

Implementing regulatory functionalities, such as server communication with standardised protocols like G2S and SAS, and data logging and recovery are also essential.

Then there's the fundamental need to implement methods to protect your intellectual property. The time and financial cost to ensure compliance and game security can be overwhelming, and many companies now outsource these and opt for industry standard software solutions that ensure these fundamentals are effectively managed.



Enhance the player experience

Platforms that come with embedded software are configured to support the devices and peripherals that attract and enable players to interact with the game, and enhance gaming experiences by delivering exceptional multimedia effects.

This is a critical element of land-based game development; it's what drives successful game performance and profitability and can be a true market advantage.

Rather than develop bespoke software solutions, embedded software enables development time to be refocused on aspects that enhance the player experience.



Find efficiencies

Using hardware platforms which come with embedded software significantly reduces the time, effort and cost associated with developing and optimising software in house or using third party software solutions that are not optimised for the specific hardware. This has resulted in many organisations embracing standardised gaming hardware platforms with embedded software as an effective way to deliver market leading experiences, whilst streamlining business processes.

Software solutions cannot be successful without reliable hardware and game developers depend on their hardware so their content can run without performance issues.

More processing power will enable game developers to create even better, more vivid content, minimising the challenge of optimising 3rd party software for non-embedded gaming hardware.

Software optimisation takes time and effort and is not value add in of itself. Why use up resources developing and integrating software, when this could be better used to push your game design to the limits when using embedded software, which is already in perfect sync with the gaming hardware it has been designed to work on?

Game platforms needs to manage thousands of numbers per second, each of which are associated with a different combination of symbols, as well as display high resolution graphics at high frame rates to create the magic on the monitors that provides the ultimate player experience. High quality animations, with particle effects and multiple videos rendering at the same time are demanding on hardware resource, especially when using software solutions which are not optimised for the specific hardware.

While some game developers create their own solutions, or opt for a 3rd party solution like Bink, embedded software solutions can take this workload away and deliver amazing consumer experiences. The Quixant Software Hub includes software development and multimedia solutions that allow developers to maximise the performance of the CPU and GPU resources.

Embedded as standard, there are a variety of user-friendly software libraries which provide access to complex embedded system elements and consist of electronic components, firmware, and operative system drivers which accelerate processing for fundamental elements of the game and free up CPU and GPU resources so the game developers can run their content with the desired games mechanics, without a lag and with maximum impact.

The result? Gaming specific hardware and software working in harmony to develop the ultimate game content and gaming experiences efficiently and cost-effectively.

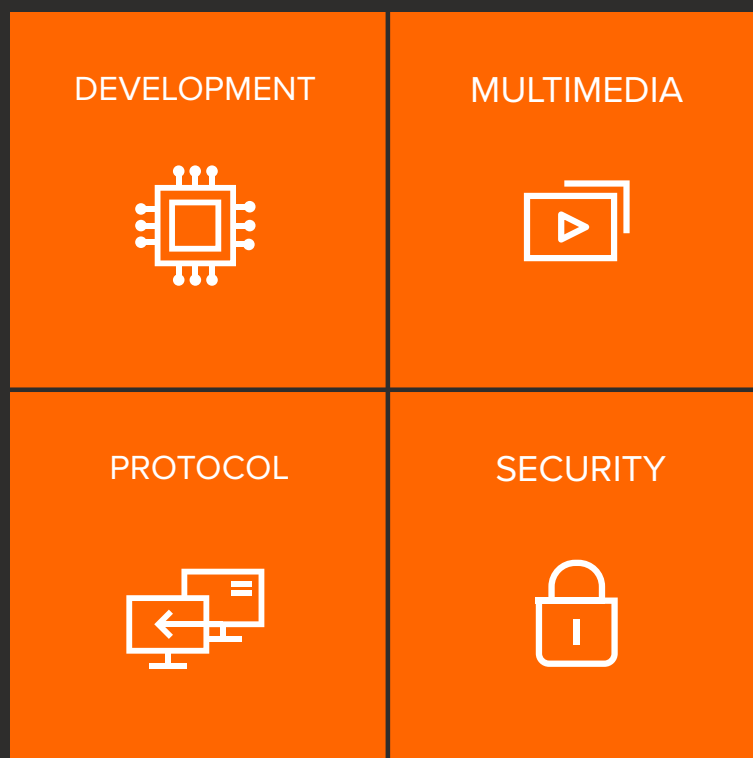
Create. Customise. Optimise. Never Compromise.

Quixant's partners depend on their gaming hardware platforms for ultimate reliability and performance, and our integrated software solutions which enable them to deliver exceptional gaming experiences.



SOFTWARE HUB

Quixant's Software Hub, a portfolio of software solutions integrated on all Quixant hardware platforms and available at no additional cost, has been expertly designed to address key development, compliance, and security aspects of game production.



Why our partners chose to outsource their software development and opt for Quixant's Software Hub solutions

✓ Included as standard

Embedded on all Quixant gaming hardware platforms at no additional cost.

✓ Enables enhanced hardware performance

Maximises the performance of our powerful and stable hardware platforms, enabling customers to create the best games on the planet.

✓ Easy to integrate and highly customisable

Seamlessly integrates all elements of their games and can be tailored to their individual business needs.

✓ Ensures regulatory compliance and game security

Compliant and secure solutions that meet the regulations of all global gaming markets and protect their game and intellectual property.

✓ Saves money

They can directly replace the cost of third-party software licenses like Bink, or 3rd party G2S and SAS solutions customers pay.

✓ Enables maximum creativity

Allows game developers to unleash their creativity and develop exceptional game content, never being limited by hardware performance.

✓ Enables them to enhance the customer experience

Frees up the development time of creating software solutions in-house and allows them to focus their efforts on content development and enhancing the player experience.

✓ Gets their games to market faster

The time savings of no longer developing software solutions in house expedites the time it takes to develop and launch games.

Find out how Quixant's new range of gaming hardware platforms and embedded software will enable you to focus your development efforts on enhancing the player experience and launching world-class leading products in record time.

[Explore the range](#)

Quixant is the global leader in gaming technology, providing the industry with market-leading gaming hardware platforms which include Quixant's Software Hub, a host of effective software solutions designed to optimise game development and delivery.

Their solutions enable game manufacturers to optimise performance, focus development efforts on enhancing the player experience and launch world-class leading products in record time. Each year Quixant provides 42,000+ gaming hardware platforms to the industry to a global customer base across 23 countries.

Supporting customers throughout the development, certification, and deployment process, Quixant's technical support is provided by the same people who develop its solutions, who have years of experience supporting global gaming clients and enabling them to take full advantage of our market-leading hardware platforms and embedded software.

Contact us