

EON Product Family

Software and Display Solutions for Virtual Reality Professionals



EON Reality, Inc.

EON Reality is the world's leading interactive 3D solutions provider for business and education based on Virtual Reality technology. EON's powerful software solutions are helping companies increase sales, communicate product functionality more effectively and decrease the cost of service, training and technical support. Many large corporations, such as: Atlas Copco, Bechtel, Boeing, Bombardier, BP, GE Healthcare, Kodak, Lexus, Lufthansa Technik, Parsons Brinkerhoff, Toyota, Siemens and Suzuki are using EON's solutions.

EON Studio™

EON Studio is an authoring tool for developing interactive 3D applications. With EON Studio, users of all levels of experience can quickly and easily build complex, high quality interactive applications. No programming experience is required. Whether you create 3D applications for design, marketing or training purposes, EON Studio provides a unique range of benefits and functionality making it a preferred choice.



EON Professional™

EON Professional offers a robust set of modules, building on the success of EON Studio™, designed to meet specific developer needs. This software package provides the highest level of realism with the real-time Visual Effects module, improved support for many native CAD and 3D/2D formats through the EON CAD module. The Physics module allows users to simulate complex mechanical systems in real-time and the Human module allows for integration of highly realistic moving humans into EON applications.



EON Icatcher Mini™

EON Icatcher Mini provides the most cost effective and easy to use stereoscopic 3D experience with set-up time of a few minutes on a medium size display with front or rear projection. The system allows intuitive, real-time interaction with a front or rear projected screen with realistic 3D imagery that is responsive to the user's actions and can display multiple objects or a full Virtual Reality environment.



EON Icube™

EON Icube is a revolutionary PC based multi-sided immersive environment (3 to 6 walls), in which participants are completely surrounded by virtual imagery and 3D sound. Objects float in 3D space, can be touched and manipulated by users, and can be altered in real-time. EON Icube represents a significant innovative milestone in high-end visualization systems development. Typically, high-end immersive systems have, until today, been complex, difficult to use and expensive to maintain. Unlike the older generation UNIX-based systems, EON Icube is easy to use even for non-programmers, provides an unsurpassed speed of immersive content creation and deployment, utilizes a new light enhancing rigid wall material, and has built-in collaborative capabilities.



EON Mobile Icube™

EON Mobile Icube is a complete turnkey visualization and virtual reality system offered in standard configuration with 3 walls for full immersion and reconfigurable from U-shape to power wall. It provides a high quality of graphics system, built on PC cluster technology, providing unsurpassed immersion, especially when used with motion tracking and VR interactive devices. The EON Icube offers the user-friendliest interface for developing VR applications fully integrated with the EON software technology.



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EON Experience Portal™

EON Experience Portal serves as an ecosystem and an “app store” for interactive 3D content. The portal enables users to easily find existing 3D content, and share it with others. It is a complete eco-system for interactive 3D applications; a database of Interactive 3D Models; EON Creator - an application offering “3D in the Classroom” by providing extreme ease-of use, enabling users to build their own customized virtual environment in minutes; EON Coliseum - an online 3D meeting platform; and EON Human - a database and application framework for enabling the integration of highly realistic and interactive Virtual Humans (Avatars) into interactive simulations and presentations. The EON Experience Portal also enable its users to earn up to 70% of the revenue from models uploaded and sold through the portal.



EON Coliseum™

EON Coliseum fills this gap by providing a platform where people can present their ideas, communicate complex concepts and collaborate using rich media objects such as web pages, presentation slides, video, livefeeds and interactive 3D content. From virtual classrooms to key boardroom meetings, presentations come alive with EON Coliseum™ smart networking engine that cleverly optimizes quality of multi-modal communication on different systems so that connected parties can enjoy a seamless experience with every session.



EON Holographic I™

EON Holographic I is a solution that creates the illusion of life-size, full color, 3D interactive floating images. All of the images used on an EON Holographic I System are 3-dimensional, but projected as either two-dimensional images (2D) or as stereoscopic 3D images (requires glasses) onto a custom transparent screen.



EON Interact™

EON Interact offers a fun, intuitive and completely new way to interact with your 3D data – using your bare hands! EON Interact is offered as a turn-key system solution including a high-end PC and display for stereoscopic 3D presentations – ideal for Corporate Communication, Tradeshows or Virtual Showrooms. For existing EON users, there is also an ‘EON Interact’ add-on module available for EON Professional and EON Ultra, providing the user with complete flexibility in how to develop interpretation of gestures as input into EON-based 3D presentations.



EON 3D Services

EON Reality offers turn-key virtual reality application development services, including training simulator, sales assistant application, facility management and training, product configurator, consumer experiences, serious games etc. EON Reality 3D services also include 3D modeling, 3D model conversion, 2D to 3D conversion, scenario development, storyboarding, texturing, lighting, very high-quality CGI production, application integration etc.



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