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Download the Vizard VR Toolkit Fall Release

The Vizard Fall Release is now available for download. The principal improvements include expanded 3rd party hardware support, including:

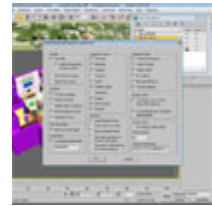
- Real-time pincushion distortion correction
- Xsens xBus wireless tracking
- IZ3D consumer 3-D stereoscopic monitor



New and existing Vizard users are welcome to [download](#) this free update.

3DMax to Vizard Workflow Video for Architects

Watch an expert convert a rich 3DS Max architectural scene into a Vizard real-time capable scene. In this demonstration, you'll see and hear detailed instructions about using the WorldViz 3DS Max exporter, including tips on compressing textures as DXT, creating separate transparency layers, texture change interaction layers, and fixing common export problems.



Watch a [video](#) tutorial on using this technique (enable audio to listen tutorial).
Download the 3DS Max to Vizard export plug-in [here](#).

Vizard Lens Distortion Correction for HMDs

Thanks to our customer at the University of Utah, Scott Kuhl, we now offer all Vizard users a fragment shader that can apply real-time pincushion distortion correction. Developed with head-mounted displays in mind, you can use this technique to correct the lens distortion in any head-mounted display by tuning the single distortion parameter yourself. This feature is available starting with Vizard Q4'08 release.



Watch a short [video](#) of this plug-in in action, or read the [documentation](#) page describing it in detail.

XSens wireless XBus now supported

Vizard now natively supports the Xsens wireless XBus kit which contains an Xbus Master with Bluetooth wireless link and a number of MTx sensor modules. This setup allows wireless XBus data collection, analysis and interaction directly in Vizard.



The Xbus-kit can be used for head and body tracking and animation, and also plugs directly into the Worldviz PPTX and PPTH series, as an option for wireless 6DOF animation in large PPT tracked spaces (typically 10m by 10m and more).

I3D monitor support

Vizard now natively supports the latest consumer 3D monitors by IZ3D. These monitors achieve high-resolution stereoscopic imagery by physically sandwiching two LCD panels on top of each other. A patented image processing technique is used to provide separate left & right eye images that result in a powerful sense of 3D.



Development Seminar for VR Applications

WorldViz is hosting and conducting a Development Seminar for VR Applications. This Five-Day Short Course will be held January 26-30, 2009 and has a cost of \$3,900 per attendee (hotel accommodations included). The seminar will be held in Santa Barbara, CA.



Intensive training includes:

- Fundamentals of immersive virtual environments
- 3D model and avatar creation
- Vizard programming
- Immersive methodologies and protocols
- Individual projects

You can view the online [schedule](#) and preliminary information. Early registration is advised as space is limited. Enrollment and payment is requested by December 5, 2008. Please contact Phil Schlageter at +1-805-966-0786, extension 219, to reserve space or send an email to schlageter@worldviz.com.

Attendance confirmations will be sent shortly after December 10, 2008. A minimum of ten participants is required in order for the Seminar to take place. The Seminar will not have more than twelve participants.

Upcoming Conferences

Experience our new products at our upcoming conferences in Washington DC and Orlando:

Neuroscience, 38th annual meeting of the Society for Neuroscience, November 15-19, Washington DC, USA.
www.sfn.org/am2008/

I/ITSEC 2008, the Interservice/Industry Training, Simulation and Education Conference, December 1-4, Orlando, FL, USA.
www.iitsec.org/index.cfm

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