![zSpace®]

Delivering the first immersive exploration user experience

About Us

zSpace, Inc.® is a leading technology provider that delivers a new way of learning with its flagship product, zSpace®.

zSpace is an interactive hardware and software platform that allows users to visualize, create and experience in ways not possible in a traditional computer environment. zSpace's virtual reality environment gives depth to the digital learning experience by improving the ways things are studied, explored, and designed.

zSpace is a privately-held, venture-backed company located in Sunnyvale, CA. The company has filed more than 30 patents for its innovative technologies.

Stunningly realistic visual environment

STEM Education

zSpace is the ultimate immersive learning experience that allows students to interact with objects and understand the concepts behind them. With zSpace, students can learn highy engaging tasks that are often too complex, expensive, and dangerous for the classroom.

Universities, Research, and Education

zSpace is committed to supporting education, and research with solutions that help students, faculty, and researchers understand, teach, and solve the world's toughest problems. Top universities are using zSpace to develop innovative solutions that deliver compelling research and change the way they teach.

Medical Training

zSpace provides an interactive solution for medical training combining immersive engagement and a high definition experience with the rich detail and medical accuracy of partner software. From manipulating organs or cryogenic cross-sections to search and viewing specific systems or the whole body - CT/MRI scans correlate to the appropriate positions in the body.

Cyber-Anatomy®

echopixel
technologies

nGRAIN®
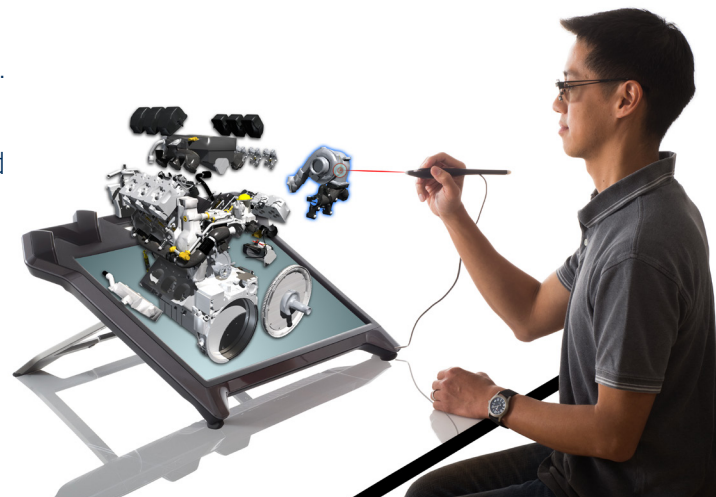SEE BEYOND REALITY

Intuitive user interface

Corporate Training and Design

With zSpace, corporate presentations, training sessions, and design reviews are delivered with interactive realism. zSpace enhances the understanding of safety, maintenance, and product training in an engaging and memorable way. zSpace also accelerates design processes and increases productivity through immersive visualization in manufacturing, including aerospace and defense, transportation and mobility, and industrial equipment markets.

3DS DASSAULT SYSTEMES

eon reality

Application Developers

The zSpace platform brings life to applications, giving developers and their customers new opportunities for success. With support for Unity3D, Ogre, Unreal, openGL, DirectX, C, C++, and Java, developers are equipped to quickly port or build their own immersive applications. zSpace also offers an open source Unity3D application, zSpace Concepts, that allows developers to easily understand application development in zSpace. Join the zSpace Developer Community at developer.zspace.com.

Product Description

zSpace provides an immersive environment for users in many industries driven by the desire to create and visualize objects with immersive realism. Designed for individuals seeking the most responsive tools that go beyond conventional displays and input devices. zSpace allows users to complete complex tasks in a natural and intuitive manner.

Features

- zSpace solutions incorporate unique software, a PC, and a special zSpace display

- A zSpace display is a high-definition immersive monitor with full resolution images rendered for each eye and uses sensors to track the viewing angle of the user

- The zSpace stylus manages all interactions in the immersive spaces

- Applications include K-12, higher education, medical, design and professional training

- Development platform for creating new applications and integrating new input devices

Specifications

- zSpace display: 24 inch HD LCD (1080p/120Hz) with built-in tracking sensors

- Stylus with 3-buttons and integrated infrared LED

- Polarized passive eyewear

- 1-year warranty with option for 3-year extended program

- zSpace SDK for software developers

System Requirements

- 4+ GB of system memory (8 GB recommended)

- Windows 7 - 32/64bit

- nVidia Quadro/K series or AMD Firepro V/W, or RADEON with 2 GB+ video RAM series desktop or mobile GPU

- OpenGL quad buffered stereo capable

- DVI-D (Dual Link) or DisplayPort output connections

- 1920x1080 resolution @ 120Hz

- 2 GB on-board memory

- Intel Core i7 2.2ghz+ CPU, Xeon E3 or E5, AMD Opteron 4200 series, AMD FX-8xxx series, AMD Phenom II X6 or greater recommended