# zSpace Collaboration

## Virtual Holography System Enables Collaboration in 3D Open Space

**Infinite Z, Inc.** is a technology provider that utilizes virtual-holographic 3D imagery to bring designs to life.

The company's mission is to transform human interactions with today's computing environment into an incredibly lifelike, interactive and immersive experience.

Its revolutionary platform, zSpace®, provides a highly realistic 3D visualization experience that enables users to work with objects in a way not previously possible in a traditional 2D computing environment. Using a **stereoscopic display, trackable eyewear, a new type of direct interaction stylus and an innovative software platform**, objects in zSpace appear "solid" in open space, with full color and high resolution, and can be directly manipulated as if they were real physical objects. This capability gives users a natural way to navigate, grab, zoom and explore environments as never before possible.

zSpace is a completely new model for experiencing and communicating information - advancing the way people solve problems, learn, teach and communicate in today's world.

### zSpace Collaborative Environment (zCE)

The zSpace Collaborative Environment (zCE) is a hardware and software technology platform that allows **multiple users to remotely view, modify, and communicate information through 3D models - all in real-time** - using an internet or network connection.

Research on using 3D technology in virtual collaborative environments has found that users have increased attention to the subject matter and a **better understanding of abstract concepts through interaction with objects in open space.**

Initially focused toward the digital/product design, scientific, medical, GIS/geospatial and government markets, the zSpace Collaborative Environment (zCE) enables new levels of 3D interaction across teams both locally and remotely.

Universities benefit by integrating zSpace systems into school curriculums to create immersive learning environments where students can experience hands-on, next generation design, research, and manufacturing programs.

Government programs benefit from using zSpace in virtual collaborative environments for mission planning, training, and simulation. Companies large and small are using zCE to **lower production costs, improve productivity, and increase employee and customer engagement.**

### Market Focus
• CAD/CAM/CAE
• Data Visualization
• Medical & Scientific
• Digital Arts & VFX
• Gaming & Entertainment
• Education, Training & Simulation
• Architecture, Engineering & Geospatial

# infinite z®