Image courtesy of New Media Innovation Centre (NewMIC)

Image courtesy of Iowa State University (flat wall configuration)
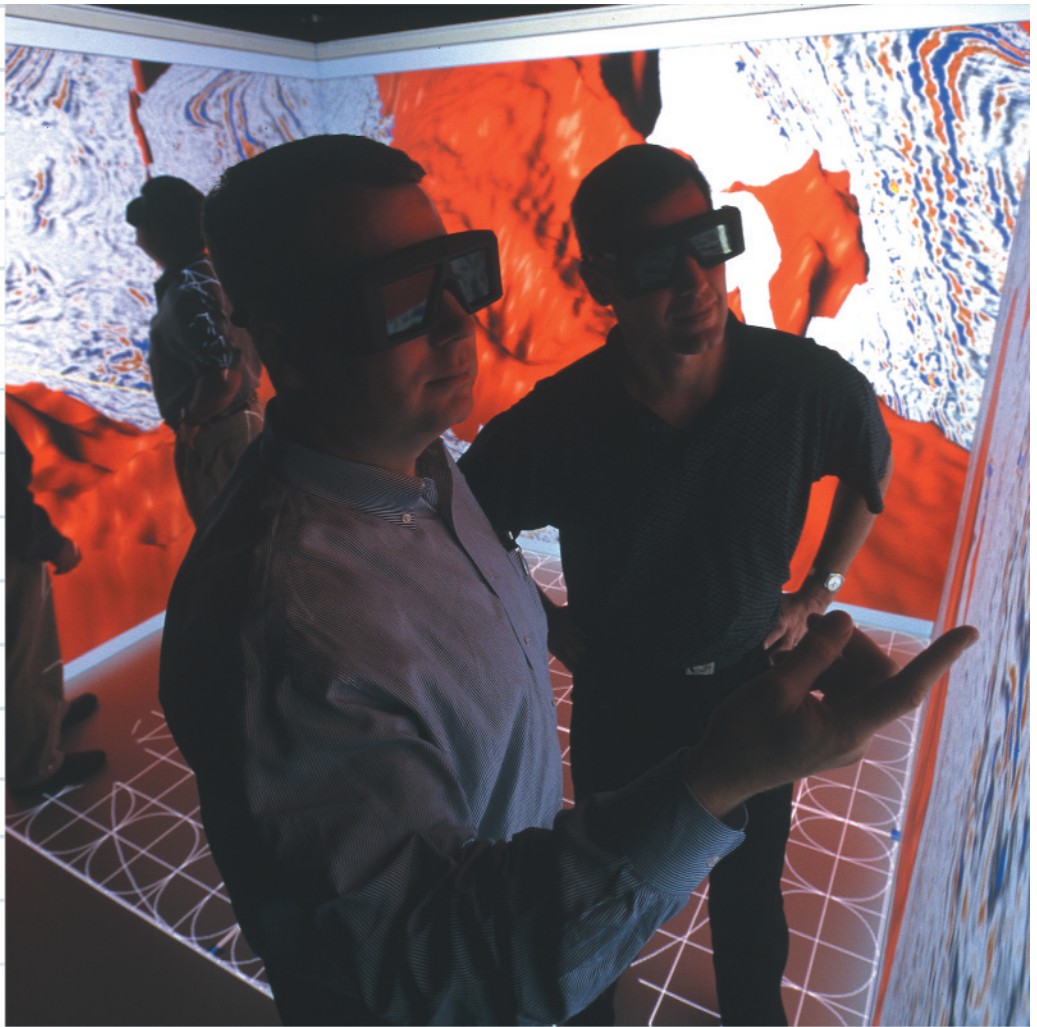

Image courtesy of ANADARKO (CAVE Configuration)

FLEX™ and reFLEX™

Innovative designs allow for single-person configuring, or fully detached module capabilities

The world's first commercial re-configurable visualization system is the most flexible solution for those whose viewing, collaboration, and presentation requirements cannot be met within the confines of a single visualization technology. In less than five minutes, a single person can configure the FLEX™ to a flat vertical display, an immersive theater, or a CAVE®- like walk-in environment. Multi-channel center walls are available using optional state-of-the-art edge blending to allow for a seamless image. Alignment adjustments are minimalized with our Integrated Structural System™ that ensures a fixed optical path. Also available in a modular format, the reFLEX™ is designed so it can be separated for independent use, with additional modules able to be added as needed.

Image courtesy of Army Research Laboratory

Fakespace
SYSTEMS

Collaborate. Discover. Learn.

FLEX™ and reFLEX™

Collaboration Scale: 2 to 45 people

Specifications:	FLEX™	reFLEX™
DISPLAY		
Screen Size - Standard	• Digital based 8'h x 10'w (2.4m h X 3m w) • CRT based 8'h x 8'w (2.4m h X 2.4m w) • Other sizes available - consult with Fakespace	• Digital based 8'h x 10'w (2.4m h X 3m w) • CRT based 8'h x 10'w (2.4m h X 3m w) • Other sizes available - consult with Fakespace
Screen Material	• Soft, high contrast low gain screen to maximize impact	• Soft, high contrast low gain screen to maximize impact
Screen Frame System	• Zero-edge screen frame design with patent pending Pixel Pipe™ edge illumination	• Zero-edge screen frame design with patent pending Pixel Pipe™ edge illumination
Floor Module Screen	• Durable, epoxy floor color matched for image continuity	• Durable, epoxy floor color matched for image continuity
Computing Platforms	• SGI®, Sun Microsystems®, hp®, Apple MacIntosh®, Evans&Sutherland®, Linux® PC, Microsoft Windows®, and other custom-developed media	• SGI®, Sun Microsystems®, hp®, Apple MacIntosh®, Evans&Sutherland®, Linux® PC, Microsoft Windows®, and other custom-developed media
Brightness	• Up to 6000 lumen digital projection • CRT projection - 240 lumens	• Up to 6000 lumen digital projection • CRT projection - 240 lumens
Resolution Per Projector	• 1280 x 1024 fixed for DLP™ • CRT: Up to 1600 x 1200 @ 96Hz stereo • 1600x1200 active stereo using Fakespace Beacon™ projection technology	• 1280 x 1024 fixed for DLP™ • CRT: Up to 1600 x 1200 @ 96Hz stereo • 1600x1200 active stereo using Fakespace Beacon™ projection technology
STRUCTURE		
Superstructure	• "Hover" design removes need for level flooring • Rigid structural design with no visible screen frame	• Hidden, patent pending detachable hinge allows multiple modules to be easily joined, angled and separated • Rigid structural design with no visible screen frame • Four, fluid motion casters on each module for easy mobility in any direction • Levelling system available for non-level floor surfaces
Space Requirements for Re-configuring	• 3 wall system with single floor - 12'h x 36.5'w x 21.5'd (3.6m h X 11.1m w X 6.5m d)	• 3 modules with single floor - 12'h x 39'w x 24'd (3.6m h X 11.9m w X 7.3m d)
OPTIONAL PERIPHERALS		
Stereoscopic Eyewear	• Active shutter glasses • Metal frame or paper polarized glasses for passive stereo applications	• Active shutter glasses • Metal frame or paper polarized glasses for passive stereo applications
Tracking	• Electromagnetic, inertial acoustic and optical based systems available • Optimal tracking solution will be recommended based on requirements	• Electromagnetic, inertial acoustic and optical based systems available • Optimal tracking solution will be recommended based on requirements
Projection	• Edge-blended two-channel front wall • Multiple projector tiling per wall for ultra-high pixel density • Projection of entire space in front of open configurations • Double folded optics to reduce overall system footprint	• Double folded optics to reduce system footprint
Interaction Devices (tracking system required)	• Fakespace CubicMouse™ - intuitive x,y,z, volumetric analysis • Fakespace NeoWand™ - virtual control, collaboration and navigation • Fakespace VEST and cable management	• Fakespace CubicMouse™ - intuitive x,y,z, volumetric analysis • Fakespace NeoWand™ - virtual control, collaboration and navigation • Fakespace VEST and cable management
Audio/Video	• Various audio and video conferencing capabilities	• Various audio and video conferencing capabilities
Compatible A/V Sources & Recordable Media	• DVD, DVD-R, compact disc, CD-R/RW, mini disc, Digital Audio Tape (DAT), S-VHS, Betacam SP Video	• DVD, DVD-R, compact disc, CD-R/RW, mini disc, Digital Audio Tape (DAT), S-VHS, Betacam SP Video
Controllers	• Reconfigurability can be motorized and controlled from central control station • Wired and wireless touch panel user control systems for source and audio selection and other room controls	• Wired and wireless touch panel user control systems for source and audio selection and other room controls
System Support Options	• Training, consulting and software development available	• Training, consulting and software development available
Covering/Lightblock	• Optional soft covering for complete module	• Optional soft covering for complete module
GENERAL		
Warranty	• Ninety days on-site parts and labor • Optional extended service warranties available	• Ninety days on-site parts and labor • Optional extended service warranties available

Features

- FLEX's innovative "hover" design removes need for level flooring
- Re-configurable by single person in less than five minutes
- Patent pending PixelPipe™ soft screen edge system minimizes seams
- reFLEX's modular design allows for easy addition of more modules as needed
- reFLEX's independent modules allow for "sandwiching" of side screens at variable widths in front of center screen

Specifications subject to change without notice.
All trademarks are property of their respective companies.

Fakespace SYSTEMS

Corporate Headquarters
11 East Church Street, Fourth Floor, Marshalltown, Iowa USA 50158-5011
Phone: (641) 754.4649 Fax: (641) 754.4650

web: www.fakespace.com email: info@fakespace.com

Canada	■	France	■	Germany	■	United Kingdom

FS12/03