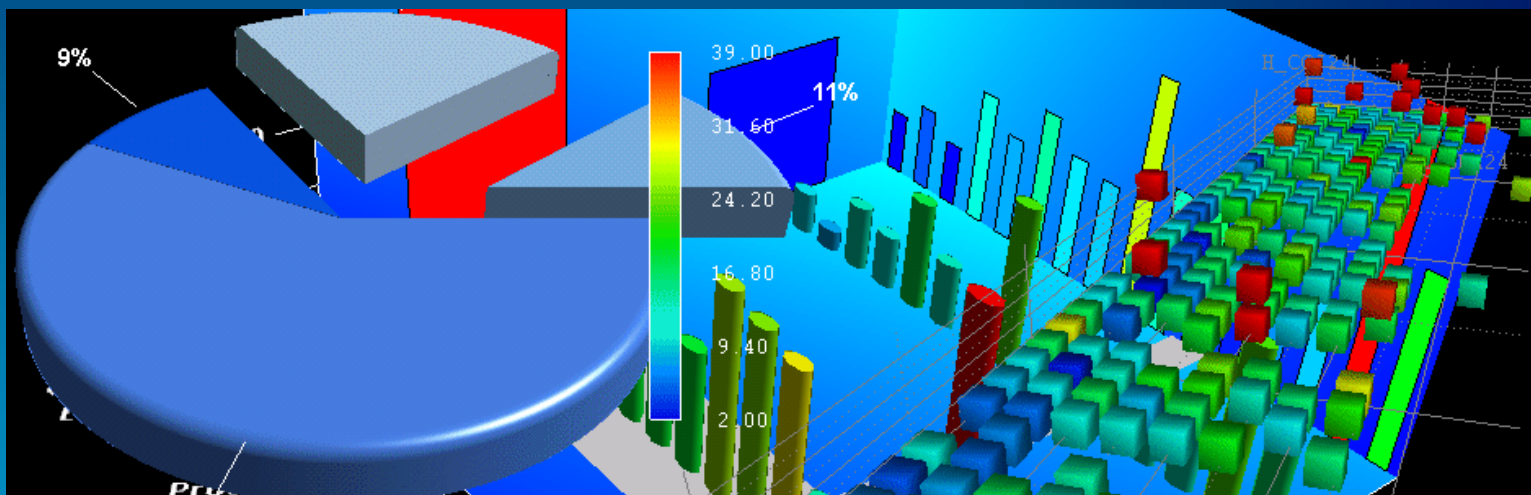




UAUUG 2001

AVS NEWS AND PRODUCT ROADMAP

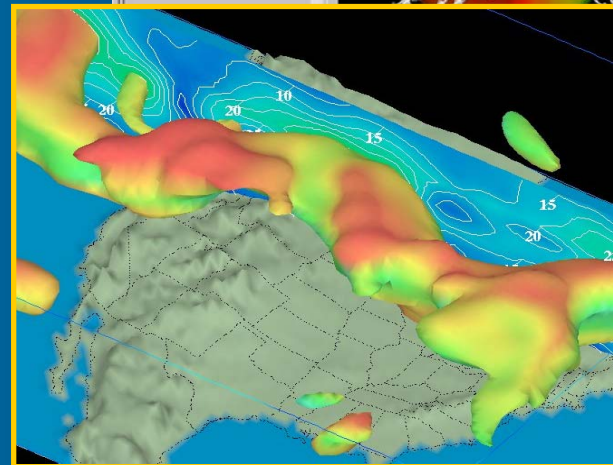
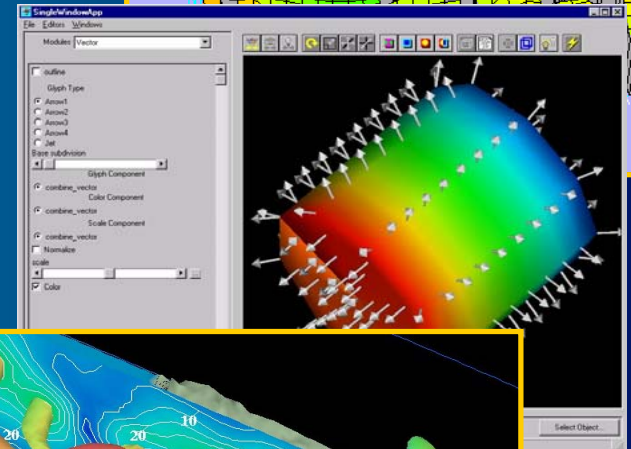
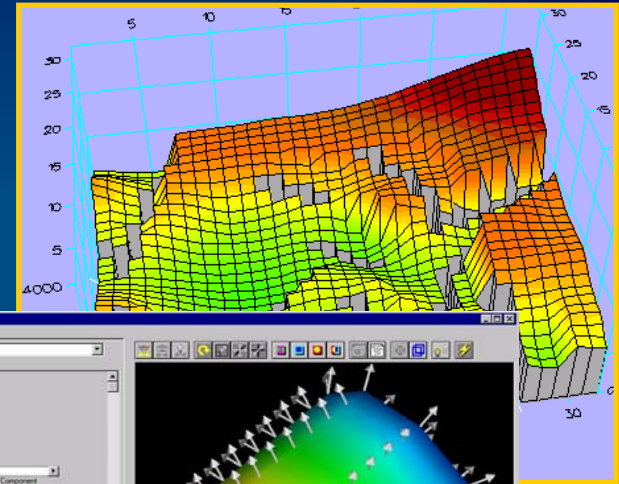


Peter Kelly



AGENDA

- ***AVS News***
- ***AVS Product Upgrades***
 - Gsharp***
 - Toolmaster***
 - AVS/Express***
 - OpenViz***
- ***Futures***





AVS NEWS

- ***New Corporate Identity announced Q1 2001 - trading under the name Advanced Visual Systems!***
- ***New Corporate & UK Web Site: www.avs.com
www.avsuk.com
+ new web forum: forum.avs.com***
- ***Product Releases for:***
 - AVS/Express (VXP, Dev, MP)***
 - Gsharp***
 - Toolmaster***
 - OpenViz***
- ***Major OEM Customers announced for OpenViz:
Computer Associates & PeopleSoft***





INTERBIZ, CA



eBusiness applications division of Computer Associates

**Press release, 9th July :CA's interBiz integrates
OpenViz data visualization technology into
BizWorks eBusiness Process Management Suite**

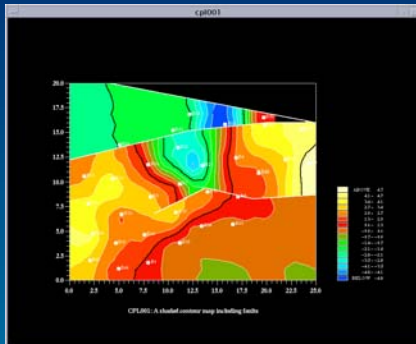
“The need to build an adaptive eBusiness that leverages existing physical and intellectual assets is overwhelming many companies,” said Mike Connolly, Senior Vice President interBiz. “Since OpenViz techniques have been integrated into BizWorks, interBiz customers are able to **experience new dimensions of interaction and visual understanding”.**





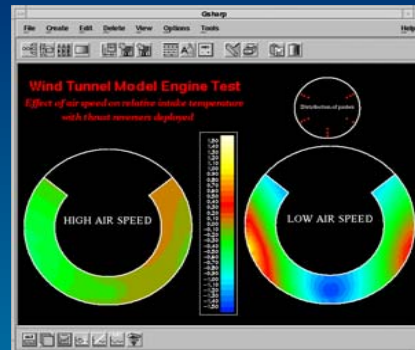
AVS VISUALIZATION PRODUCTS

Toolmaster



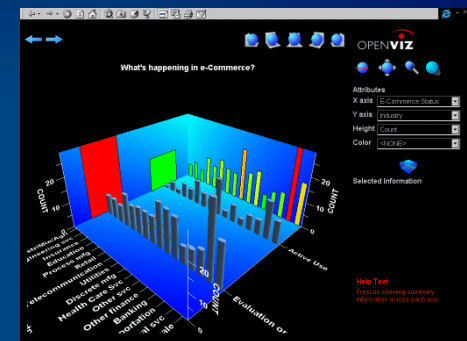
Graphics and
Charting Libraries

Gsharp



Data Presentation
for End Users

OpenViz



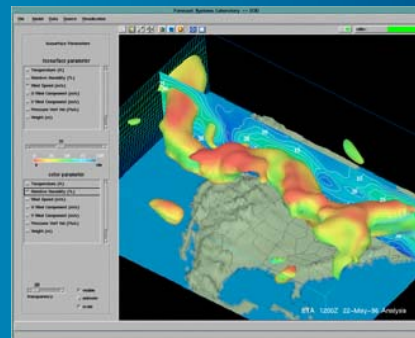
Business Visualization
for Developers

MuSE



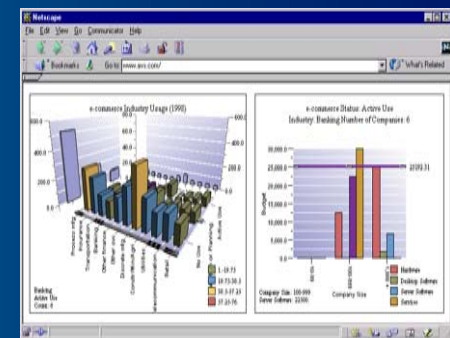
Collaborative Visualization
for Developers

AVS/Express



Data Visualization for
End Users & Developers

VizWorks



OpenViz Quick-Start
Functionality



NEW AVS PRODUCTS/RELEASES

New for 2001:

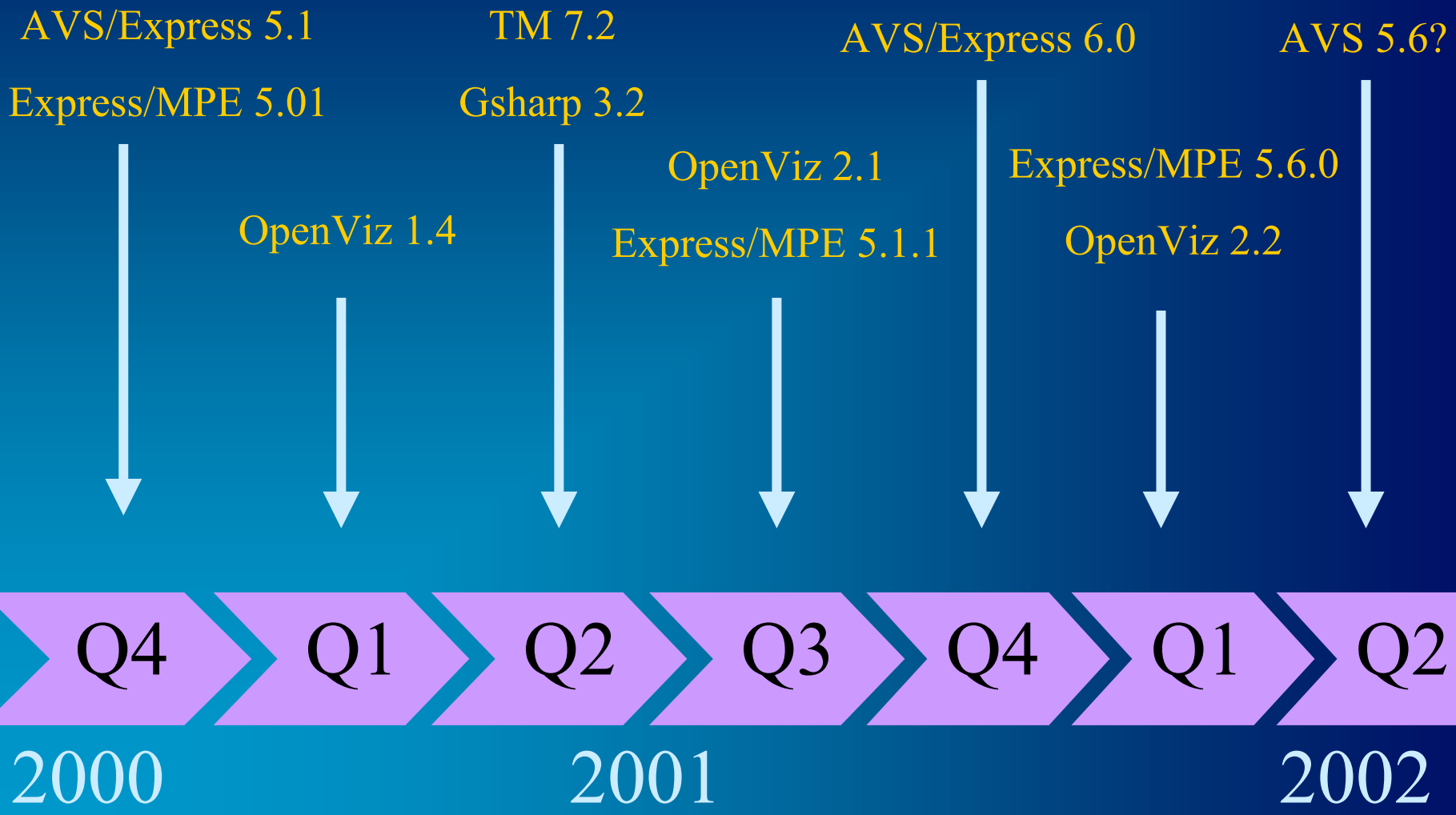
- *AVS/Express Multi-Pipe Edition - 2 releases*
- *AVS/Express Version 6.0*
- *Gsharp and Toolmaster V7.2 (inc Linux/RedHat)*
- *OpenViz/VizWorks - 2 releases*

Planned for 2002:

- *AVS/Express Version 6.1 - Usability Layer*
- *TM/Gsharp/OpenViz Releases*
- *AVS/Express Multi-Pipe Edition - other platforms*



2000-2001-2002 PRODUCT ROADMAP





GSHARP V3.2

Feature List:

- **Linux availability**
- **Many PC version enhancements**
 - **Direct Excel data reader**
 - **Redesigned Resource Editors, Browser, Script Builder, Data Manager**
 - **Windows Fonts**
 - **Cut and paste to Windows clipboard**
- **Double-precision support**
- **General bug fixes/enhancements**
- **Manual re-print & improved on-line**

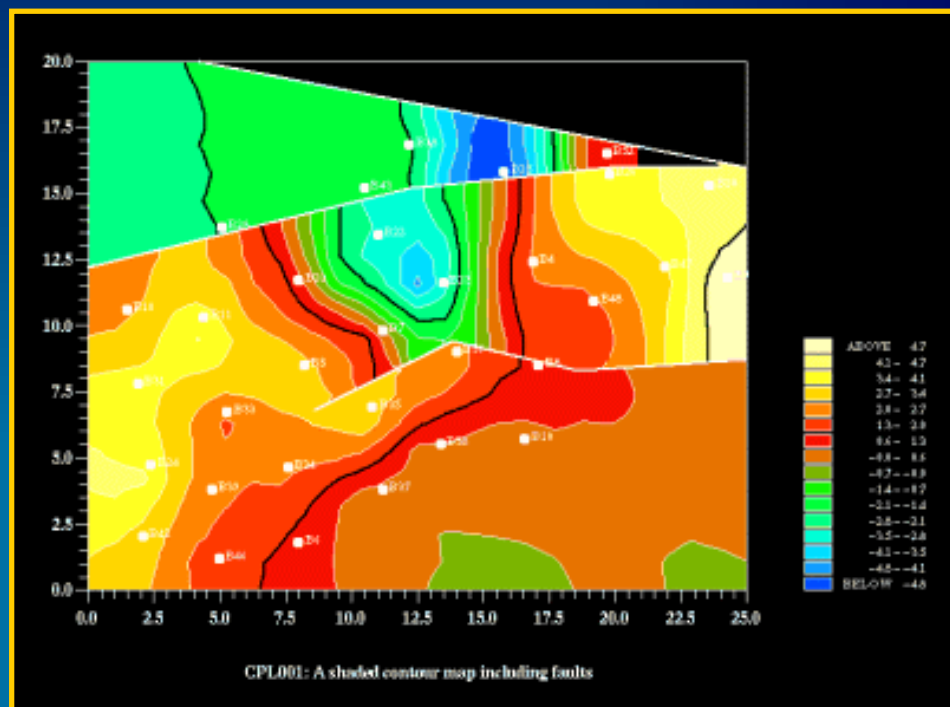


TOOLMASTER

Toolmaster

Toolmaster V7.2 - released Q2 2001

- Linux availability
- O/S upgrades
- True-type fonts on PC
- UNICODE support
- Bugs fixed and new enhancements
- HTML documentation
- Manual Re-print

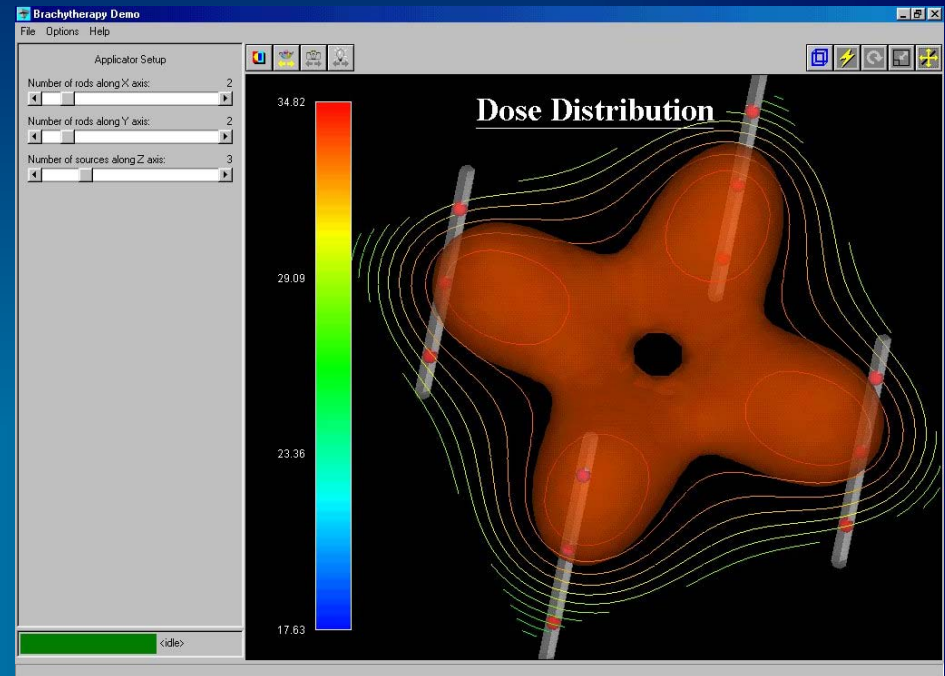




AVS/EXPRESS

AVS/Express

- **AVS/Express V6.0**
- release: Q4 2001
- **Multi-pipe Edition**
- 2 releases in 2001



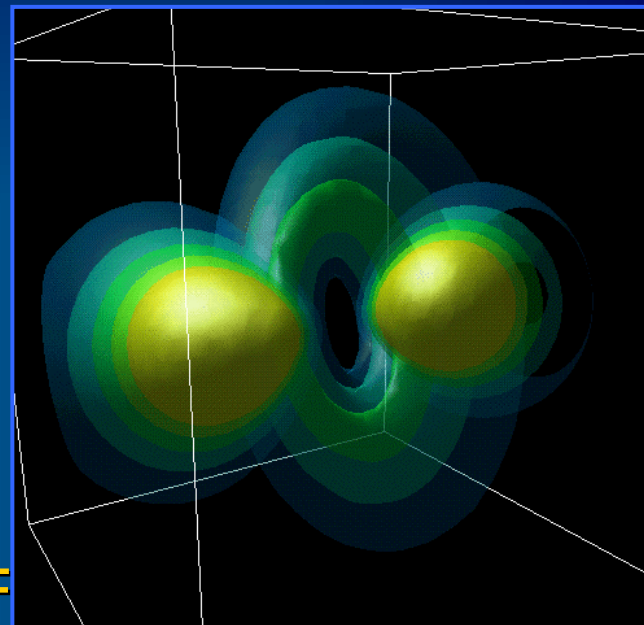
- **AVS/Express V6.1** - planned release: Q2/Q3 2002
- usability release: focus on the ease-of-use of the software & data import



AVS/EXPRESS V6.0 - Q4 2001

Features:

- Improved Viewer Quality
- Illuminated Lines
- 2-pass transparency
- Improved MPEG Generator
- Enhanced Colour map editor
- CGNS data reader, improved NetCDF PLOT3D, Image3DVOL
- Headless Server mode
- Auto-loading of modules
- Bugs fixed/general enhancements
- On-line manuals





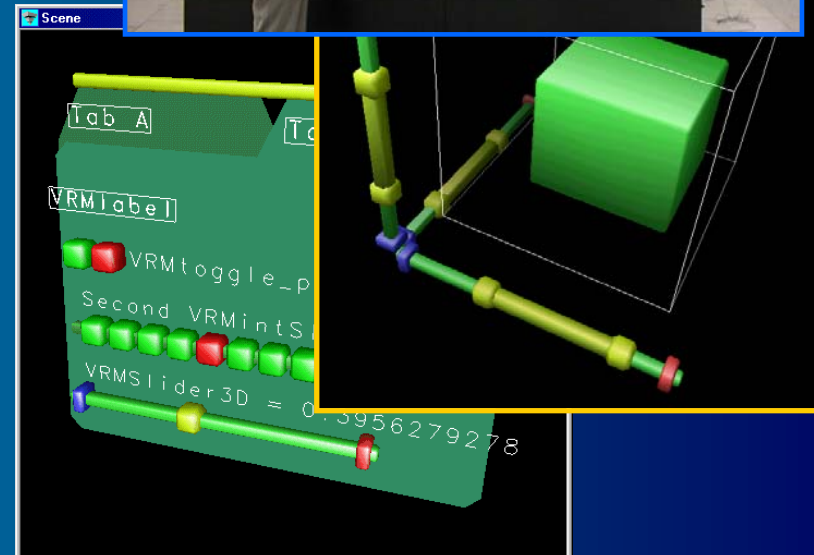
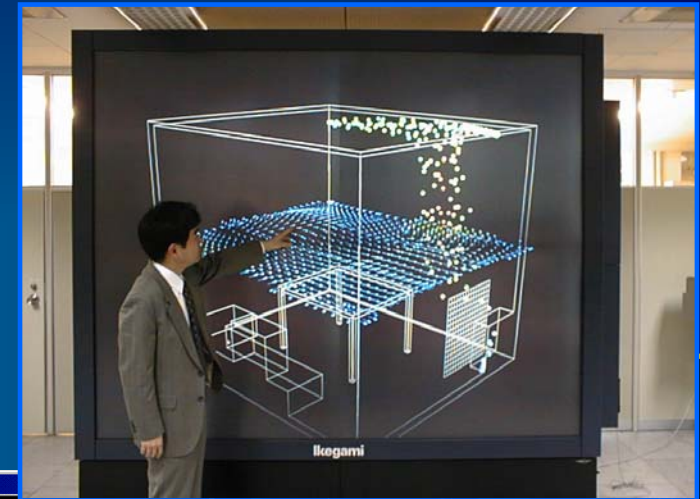
AVS/EXPRESS MULTI-PIPE EDITION

**AVS/Express version
available for single- &
multi-pipe Silicon Graphics
Onyx2 machines**

Planned for 2002:

Cross-platform capabilities

- PC/Linux
- other UNIX systems
- *using CaveLib library*





OPENVIZ

OPENVIZ

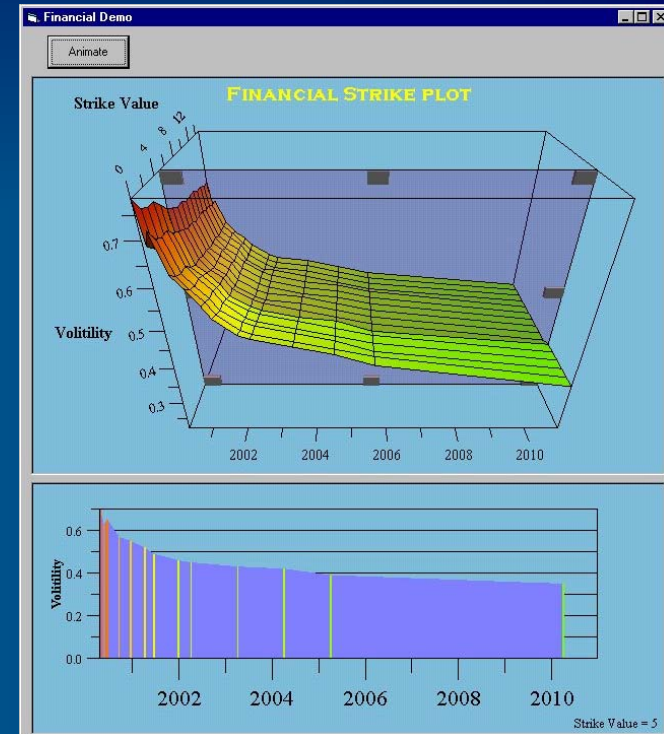
OpenViz first Released

- September 1999

Now at: Version 2.1

Major ISV customers: Computer Associates, Comshare, Navision, PeopleSoft, SageTree,...

UK customers: BP, Unilever, Syngenta, GlaxoSK, ING Bank, Interpolis, Deutsche Bank, Schroeder SSB, KiQ, SmartFocus, ProfitShare, NPS, Neuscience,...





MUSE



μSE (Multi-dimensional User-oriented Synthetic Environment)

- Scalable and interoperable applications, from desktop to full immersive, VR environments, with network collaboration across platforms and regardless of device configurations
- Speech, sound, stereo, input devices/interactions
- C and C++ functions and tools for creating VR applications
- UNIX (HP, Sun, SGI) and WindowsNT/2000





SO FINALLY...

**2001 has had further exciting enhancements/
developments with the products**

2002 Plans:

- **Usability AVS/Express Work**
- **More Gsharp PC capabilities**
- **Continue push into VR fields**
- **Further success for OpenViz on the Business Desktop**
- **Move to Web-distribution/updates**