

PRESS RELEASE

IBM brings visualisation to desktops around the Globe

IBM Deep Computing Visualization (DCV) delivers leading edge visualisation capabilities in one integrated solution

Sydney, Australia – 22 September 2005 -- Today, IBM unveiled its new Deep Computing Visualization (DCV) technology in Australia, re-affirming its commitment to providing unparalleled high-performance computing solutions that consistently drive global innovations in decision support and research.

Based on open standards, IBM's new DCV technology provides a low cost, high performance solution that leverages the newest workstation technology, coupled with software that improves both performance and function. This latest technology is part of IBM's growing list of new supercomputing solutions, which includes IBM's new eServer p575 system.

IBM's DCV enhances the graphical user interface and enables remote access to various software applications in a variety of disciplines. It provides a scalable middleware infrastructure to support and enhance the graphics function of OpenGL software applications on IntelliStation A Pro or Z Pro workstations running on Linux.

High-end graphical images can be viewed in two visualization modes - Scalable Visual Networking (SVN) to increase screen resolution and image size; and Remote Visual Networking (RVN) to allow remote use of the application. These modes can enable more accurate decisions to be made on the analysis of complex data. Specifically, SVN allows for larger size and higher resolution images, including immersive environments. RVN allows for distance collaboration over low band-width networks.

"Today's announcement helps to solidify IBM's continued commitment to service the world's leading organisations with the best high performance computing technology in the industry," said Earl Dodd, Worldwide Product Manager for DCV at IBM.

"We realised that customers were only being offered proprietary visualisation technology, which could cost customers a lot of time and money. Our DCV technology now introduces an off-the-shelf solution which can reduce cost, improve functionality and provide remote collaboration capability for customers."

IBM's DCV is comprised of a core piece of middleware that allows a customer to work with off-the-shelf hardware, unlike existing solutions - which can significantly reduce a customer's bottom line. With DCV a customer can replace aging lower functioning systems.

"IBM's DCV solutions look very promising - we are particularly interested in the Remote Visual Network (RVN)," says Bill Yeadon, Research Manager at the Victorian Partnership of Advanced Computing (VPAC).

“With RVN IBM has hit an important and growing segment of the visualisation marketplace, that is remote collaborative visualisation. In a geographically disperse country such as Australia with important industries such as automotive manufacturing, geoscience exploration, mining, health informatics and emergency services, the ability to effectively collaborate with remote interactive visualisation capabilities is becoming more important.”

In Australia, IBM is working with ISA Technologies to bring DCV solutions to local organisations.

Sil La Puma, Managing Director, ISA Technologies, commented, “ISA is pleased to be working with IBM as their Solutions Delivery partner in Asia Pacific for DCV and as an early test site for IBM’s software solution for Boeing.

“DCV is an exciting and leading edge technology that will effectively revolutionise the way high performance computing and visualisation is delivered to our customer base.

“ISA is currently trialling DCV based solutions with a number of strategic clients in both the Oil & Gas and Defence sectors. DCV offers these clients a real opportunity to centralise otherwise costly infrastructure and data assets, whilst delivering highly flexible and pervasive visualisation access to all their specialist staff.

“We have investigated a number of other vendor solutions in this area and feel that with DCV, IBM is positioned to realise a significant advantage over their competitors by offering a premium visualisation solution to the marketplace.”

For more information about IBM's DCV, visit
<http://www.ibm.com/servers/deepcomputing/visualization>

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