

# Australia's Defence Science and Technology organisation selects SGI's new visualisation technology to enhance virtual simulations

The Defence Science and Technology Organisation (DSTO) of Australia has chosen to deploy the latest in powerful, high performance visualisation systems from SGI the newly launched Silicon Graphics Onyx4 UltimateVision

The new system will be implemented in Victoria as part of a DSTO-led project to bring significant enhancements to the simulation and visualisation capabilities of its Air Operations Division. One of its primary uses will be to underpin the evaluation of air platforms and how they interact and affect capabilities of the defence force. Examples include hosting simulation models and generating imagery for several aircraft linked in a network centric environment with command centres and other ADF synthetic environments; or exploring the operational and safety implications of using night vision technology and helmet mounted displays in helicopters, and transport and combat aircraft. Simulating such experiences enables defence personnel to conduct experimentation and explore possibilities and outcomes in a virtual world before testing in a physical environment. Colin Martin, Chief of DSTO's Air Operation Division says, SGI has proved itself to be a company that understands the needs specific to our organisation, and we are looking forward to working with the new technology to further develop our visualisation capabilities. SGI's new Onyx4 UltimateVision offers customers many times the performance levels of previous leading Onyx systems, a result of SGI's development of fourth-generation scalable high performance architecture, and expertise in graphics technology. The use of leading edge high performance visualisation technology has become a critical element in helping many industry organisations address their most complex challenges said Bill Trestrail, Managing Director, SGI ANZ. The power of SGI's new visualisation system is such that customers can expect up to a x10 performance improvement on many visualisation projects, at one-fifth the price of previous Onyx systems. Combined with the level of flexibility, scalability and reconfigurability this technology offers, SGI is providing a highly compelling offering to a wider customer base, he continued. ABOUT THE DSTO The Defence Science and Technology Organisation (DSTO) is part of Australia's Department of Defence. DSTO's role is to ensure the expert, impartial and innovative application of science and technology to the defence of Australia and its national interests. ABOUT SGI SGI, also known as Silicon Graphics, Inc, is the world's leader in high-performance computing, visualization and storage. SGI's vision is to provide technology that enables the most significant scientific and creative breakthroughs of the 21st century. Whether it's sharing images to aid in brain surgery, finding oil more efficiently, studying global climate or enabling the transition from analog to digital broadcasting, SGI is dedicated to addressing the next class of challenges for scientific, engineering and creative users. SGI was named on FORTUNE magazine's 2003 list of the Top 100 Companies to Work For. With offices worldwide, the company is headquartered in Mountain View, California, and can be found on the web at . -Ends- Silicon Graphics, SGI, Onyx, Reality Center, InfiniteReality and the SGI logo are registered trademarks and Onyx4, UltimateVision and Tezro are trademarks of Silicon Graphics, Inc., in the United States and/or other countries worldwide. All other trademarks mentioned herein are the property of their respective owners.