

Simulation Services



CONCENTRIC Asia Pacific provides companies across a wide range of industries (defence, engineering, manufacturing) with a unique portfolio of solutions and services which assist them to utilise the many advantages of simulation - for product development, manufacturing, work place safety, training, communication and other disciplines.

With simulation a product designer can see their concept assembled, functioning, and quickly (and cost effectively) determine design or ergonomic improvements. Complex tasks such as finite element analysis or noise-vibration-handling testing can be conducted in hours and not weeks...without a physical model. A manufacturer can see their entire production line in action, including robot cells, and conduct "What if" scenarios to determine better output efficiencies, human intervention (necessary tasks required, OH&S issues, etc.), and the servicing of equipment without impacting on production. An equipment provider can demonstrate the step by step operation of their product to purchasers and end users in a "real world" environment. And with simulated training content - which can be as comprehensive as Playstation3/XBox gaming technology - people can be trained a lot quicker and more effectively when placed in an immersive, interactive (online) environment.

CONCENTRIC represents the major developers of simulation technology around the globe (incl. Dassault Systemes, LMS International, Right Hemisphere). In our role as a Technology Partner we are continuing to bring the world's most modern and robust solutions Down Under.

Refer to our most recent solutions: Right Hemisphere for creating easily accessible image/data-rich animated 3D technical publications, and Virtools which has gone from the world of Playstation and Xbox to generating lifelike interactive simulation for operational training materials and marketing content.



We complement this technology with a team of simulation experts capable of working off-site or at our customers' premises to support and complement their teams... or provide simulation content. From a one-off on-demand assignment to a complete project requiring project management.

Simulation Services:

CONCENTRIC Simulation Group has the expertise and latest technology to produce a diverse range of immersive, virtual reality outcomes.

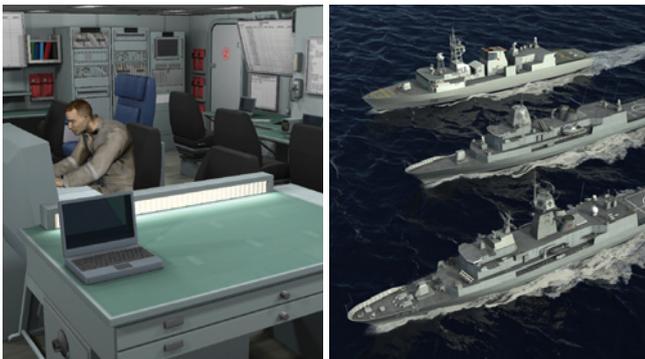
- + Immersive Part-Task Training Simulators
- + 3D Animation and Visualisation
- + Computer-Aided Engineering Analysis (FEA, CFD, Acoustic Signature)
- + 3D Technical Training Documentation

Simulation Solutions:

CONCENTRIC Simulation Group provides the world's leading range of simulation solutions, complemented by local training-services-support. To create advanced environments - on time and on budget.

- + Virtools
- + Dassault Systemes SIMULIA
- + LMS International
- + Right Hemisphere

CONCENTRIC is a member of the Simulation Industry Association of Australia, and on the organising committee for the annual Simtect Conference.



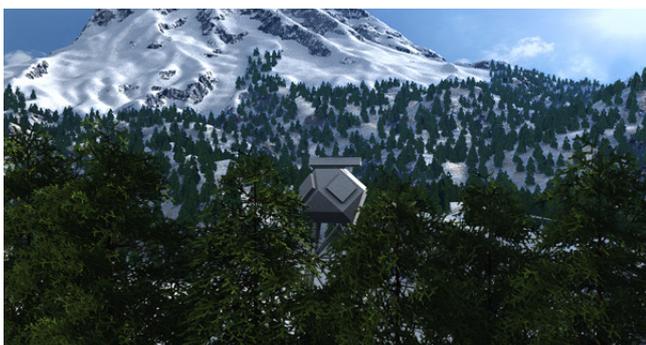
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CONCENTRIC Simulation Services draws on years of simulation and digital content creation experience combined with world-leading Next Generation technology. The result is hi-fidelity interactive and immersive training with the realism of serious games for PC, Xbox 360™ and PlayStation® 3.

That is because our real-time authoring and behavioural platforms are the same ones as used by serious games developers: 3DVIA Virtools and 3DVIA MP from Dassault Systemes. On top of this, CONCENTRIC (a privately owned Australian company which has represented Dassault Systemes in Australasia for the past two decades) has collaborated with the Paris-based Virtools R&D department on the creation of iix content.

With our understanding of Learning Management, iix technology not only engages the learner but also incorporates assessments, tracks trainee results, demonstrates the consequences of incorrect procedures, has right/wrong scenarios, and preserves intellectual property for future training programs. To date, iix simulation is being utilised for interactive and immersive training in defence, mining, resources, heavy industry. Its scope is endless. Training environments range from new recruits to more experienced personnel seeking advancement. Trainees can be assessed



individually or as a team. In the case of naval training, iix environments allows crew members to “see themselves” and their colleagues interacting onboard a vessel. Scenarios go from everyday tasks through to dangerous, high-risk scenarios. This could include boarding a foreign vessel, contact with heavily armed pirates or emergency damage control exercises, loading and stowing equipment, firing weapons, command and control on the bridge, deploying inflatable craft (RHIB) or retrieving people from the sea.

iix-powered training can be delivered online to personnel across multiple sites. Select from computer screens, large format projectors, heads-up display goggles or complete virtual reality centres. It provides a virtual training platform when the physical platform is un-available, is too costly to be used on a regular basis, or if it has to be taken out of service in order to be used. The levels of realism - in the style of hi-fidelity, first-person serious games - are immense. The intensity is real.

