

# / EDUCATION



## UNIVERSITY OF SOUTH AUSTRALIA

### CANCER RESEARCH INSTITUTE



University of  
South Australia

The University of South Australia's brand new Cancer Research Institute features content rich interactive spaces designed for immersive learning experiences.

Pro AV Solutions in Adelaide was engaged in the design and integration of the audio-visual systems for the whole of the University of South Australia's new Cancer Research Institute including lecture theatre facilities, interactive teaching spaces, transparent LED displays, Universal Gallery, Science On A Sphere interactive display, Huddle Space meeting rooms and boardroom facilities

The centerpiece is the Universal Gallery which incorporates the Science On A Sphere interactive experience which is a product from NOAA, USA and is the first installation of its kind in Australia.

It features a 360 degree projection mapped 1.7m diameter suspended globe, capable of

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of displaying unlimited libraries of sphere mapped 'datasets'- including planetary, climatic, meteorological and topographical displays.



Planar's Clarity® Matrix® panels were selected to complement the Universal Gallery which incorporates the Science On A Sphere learning environment as the ideal solution to enable multi-point touch interactive learning for students and users.

23x portrait mounted 55" Clarity® Matrix® LX55HDU displays were arranged to form a continuous 22m wall of context sensitive interactive content which draws from the World Wide Telescope matched to the Science On A Sphere datasets around the perimeter of the space.

A further 10 Clarity® Matrix® displays form a similar interactive wall within the space's entrance, specifically designed to welcome and entice users into the space.

Custom software and content was developed in order to enable multi-point touch learning for students and users to be displayed on a continuous wall of context sensitive interactive content, matched to the Science On A Sphere datasets around the perimeter of the Science On A Sphere space.

