



HEALTHCARE



OPPORTUNITY

Deploy audio and video control solutions to deliver innovative methods for hospital staff to collaborate and interact with technology and support dynamic technology shifts in modern hospital care.



SOLUTION

avt in conjunction with CHW Consulting and integrator Rutledge AV outfitted the Sunshine Coast University Hospital with a complete AMX by HARMAN networked AV control solution.

SUNSHINE COAST UNIVERSITY HOSPITAL, AUSTRALIA

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Sunshine Coast University Hospital is a state-funded teaching hospital serving the Sunshine Coast region of Australia. In order to design and implement high-quality AV and control systems across a diverse range of spaces within the hospital, CHW Consulting was engaged by Queensland Health as the State ICT Advisor. Working closely with avt the distributors and Rutledge AV the integrators, CHW Consulting provided cutting-edge, tailored ICT and AV system design and documentation advice.

A full array of AMX by HARMAN AV control and automation solutions was installed across the hospital, including the meeting rooms, training conference centers, control rooms, simulation rooms, auditorium, general areas, hybrid MDT rooms, autopsy labs, multi-purpose teaching rooms and procedure labs.

“We aimed to provide an AV system that wouldn’t let them down during key components of surgery,” said Andrew Harper, CHW: AV Design Consultant. “The reliability of AMX solutions was the key to achieving that goal. The staff’s feedback has been very positive, with many users commenting on their ability to see the procedures they’re engaged with in perfect resolution, enabling them to perform complex tasks with excellent results.”

One of the standout features of the hospital is that it hosts the southern hemisphere’s first hybrid operating theater, consisting of ultrasound, CT and X-ray equipment in a surgical operating theater. To support procedural operations and medical requirements in the theater, a NetLinX-based AMX control and videoconferencing system was installed to act as a single point of control for designated medical equipment and AV systems within sterile and non-sterile zones.

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“Our hospital's vision is to provide excellent care,” said Peter Sanderson, SCUH Manager, PPP Contracts Operations. “To achieve this, we've put a significant amount of effort into designing the flow that occurs within the facility. We rely on the AMX control systems to give the staff the technology they need to create positive health outcomes.”

“We're privileged to see AMX solutions facilitating Sunshine Coast University Hospital enhance quality of health care to their patrons,” said Ramesh Jayaraman, VP & GM, HARMAN Professional Solutions, APAC. “We thank CHW Consulting, avt and Rutledge AV for trusting HARMAN's technology solutions to support and enhance user experiences, insights and patient care.”

PRODUCTS USED

AMX NETLIX NX CENTRAL CONTROLLERS

ABOUT HARMAN

HARMAN (harman.com) designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems, audio and visual products, enterprise automation solutions; and services supporting the Internet of Things. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. More than 50 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. HARMAN has a workforce of approximately 30,000 people across the Americas, Europe, and Asia. In March 2017, HARMAN became a wholly-owned subsidiary of Samsung Electronics Co., Ltd.



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