

PARTNER STORY



HEALTHCARE



OPPORTUNITY

Mater wanted to provide guests with an easy and simple method to control the electronic services within each of the 64 patient rooms at MPHS, including iTV sets, thermostats, lighting and more.



SOLUTION

MPHS engaged Programmed Electrical Technologies to install a fully functional AMX TPControl BYOD (Bring Your Own Device) AV and environmental control system.



To streamline the process of client device connectivity, integrator Programmed Electrical Technologies proposed the AMX TPControl BYOD solution. This involved using QR Codes for user connection and a multi-user license that resides on the AMX controller.”

MATER HEALTH SERVICES, AUSTRALIA

Programmed Electrical Technologies and avt recently installed an AMX by HARMAN patient room control system at Mater Private Hospital Springfield (MPHS). The TPControl BYOD (Bring Your Own Device)-based solution allows guests to adjust in-room technology using their own mobile devices.

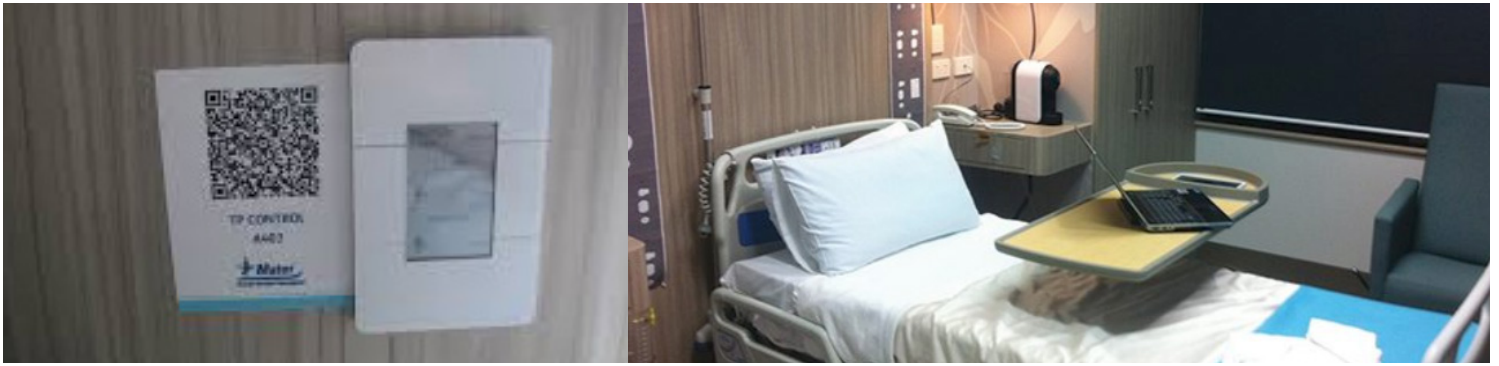
Mater wanted to provide guests with an easy and simple method to control the electronic services within each of the 64 patient rooms at MPHS, including in-room TV sets, thermostats, lighting and motorized window blinds. MPHS engaged Programmed Electrical Technologies to install a fully functional AV and environmental control system based on the AMX platform.

“To streamline the process of client device connectivity, integrator Programmed Electrical Technologies proposed the AMX TPControl BYOD solution. This involved using QR Codes for user connection and a multi-user license that resides on the AMX controller. Guests connect to Mater Wi-Fi, point their mobile device camera at the QR code within the room to download the TP Control app and are presented with an intuitive user interface for the AV and environment systems. The connection process is handled and served by the AMX Controller,” said Anthony Parker, Regional Operations Manager, Programmed Electrical Technologies.

Allowing guests to control a variety of room functions from their personal mobile devices would certainly enhance the patient experience at MPHS but first Mater Health Services wanted to test and prove the system using their Wi-Fi and networks with full security measures in place.

Early in the building construction phase, Mater worked with avt to build a fully-functional Proof of Concept room at their hospital in South Brisbane. This offered Mater the ability to fully test and prove the system using Mater’s Wi-Fi and networks in its final configuration with full LAN security measures in place. This Proof of Concept room was in place for over three months and was tested regularly by the hospital staff including





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doctors, nurses, and office staff for ease-of-use and reliability. The success of the Proof of Concept room relied on the person testing it without assistance.

This BYOD solution is a first for health service providers in Australia, and Mater has achieved the objective of being the first to offer this new service to their guests, redefining the patient experience. Mater will continue to assess the 64 patient rooms in use and are looking to recreate the BYOD patient room experiences in Stage Two of the Mater Private Hospital Springfield.

“The Mater Health Services project is the first of its kind in healthcare services in Australia,” said Ramesh Jayaraman, VP & GM HARMAN Professional Solutions, APAC. “HARMAN Professional Solutions is thrilled to be part of the project and thank Mater Health for their confidence in our AMX Solutions. We would like to thank avt and their partners Programmed Electrical Technologies for efficiently implementing the solution and enhancing patient experience and comfort.”

PRODUCTS USED

AMX TPCONTROL-BASED CONTROL SOLUTIONS

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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