BW Monastery Singapore

Case Study – Education

Challenge

BW Monastery organises many popular events that sees the number of attendees far exceeding the capacity of the venue(s). The crux to this is to equip BW Monastery with efficient modern building technologies that deliver impeccable video streaming performance for their community of worshippers and learners while providing a simple and intuitive user experience for their staff and volunteers.

Solution

To resolve the constraints of physical spaces, Crestron's range of intelligent solutions were deployed within BW Monastery's new premise to enable them to deliver quality religious teaching, classes and events to their community of followers in an efficient manner.

吉祥宝聚寺
BW MONASTERY

About BW Monastery

BW Monastery was founded in 2002 by a group of people dedicated to spreading the learnings of the Lamrim (the stages of the path to Enlightenment) in Singapore. The monastery aims to impart Buddhist knowledge and Dharma education to individuals through a variety of courses which are open to the general public.
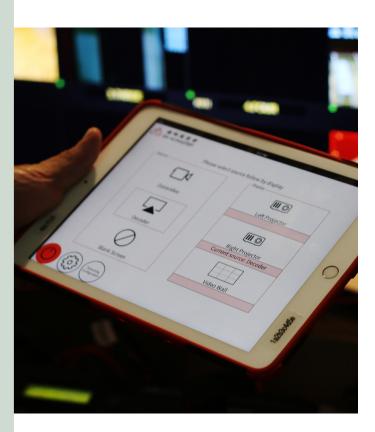
Pushing past available learning spaces boundaries

In addition to being a place of worship, BW Monastery is unique in that it makes Buddhism education its main focus, organising classes for individuals looking to learn more about the teachings of Buddhism.

Originally housed in a rental space on the fourth level of the Zhang Clan Association Building in Singapore, the sheer volume of interest in BW Monastery's courses prompted their move to a larger premise and permanent home located at Woodlands.

"Partnering with Crestron has been nothing short of a fantastic experience. We're always looking for ways to help organisations use intelligent solutions to optimise their spaces in the smartest way."

With an ever-growing intake of learners however, it became clear that bigger rooms were no longer the answer. The monastery saw an opportunity to extend their lessons beyond the boundaries of a physical learning space. The team looked to technology to explore solutions such as live streaming, to bring their classes and events to an even bigger audience. With this in mind, the team required a solution that could provide high quality and low latency video streaming. This is where Crestron stepped in.

Together with Acesian Systems, a valued systems integrator partner of Crestron appointed for this project, the monastery was outfitted with state-of-the-art intelligent solutions that facilitated seamless streaming and boast unparalleled standards of audio and video quality.

Creating technology rich experiences to engage learners

Acesian Systems installed Crestron's DMPS3-4K-350-C in 3 (combinable) of the 13 classrooms at the monastery were equipped with. All other classrooms were equipped with encoder and decoder to cater for live event streaming requirements.

With this system in place, educators and learners are able to enjoy delivering and receiving lessons in stunning clarity, while keeping the learning journey engaging for all.

"It has been an absolute pleasure partnering with Acesian Systems and Crestron to infuse top-of-the-range AV solutions into our monastery. We rely on Crestron's technology for the ability to stream quality broadcasts of our classes and events smoothly, and our ability to do so has given our community of followers a great and memorable experience," said Mr Lim Jue Ming, Chief Operating Officer, BW Monastery. "We look forward to continue using Crestron's solutions to facilitate our outreach efforts."

Uniting a community with live event streaming

In addition to conducting lessons, BW Monastery holds up to 20 large-scale events annually with an average attendance of up to 3,000 visitors. These events include workshops conducted by abbots and volunteers, or mass prayer sessions. With the main grand hall capable of hosting up to 500 visitors, the facility's classrooms and the secondary prayer hall are also opened up to accommodate guests and visitors during such events.

To ensure that guests and visitors spill over from the grand hall are able to follow the proceedings in real-time, all classrooms and lift lobbies' TVs were fitted with Crestron's DM-TXRX-100-STR, and works with the DM-RC-100-STR installed in the 2 prayer halls, a HD streaming receiver and room controller to broadcast the events live to an expectant audience.

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The streaming receiver and room controller functions as a decoder, designed to receive high-definition AV signals over an IP network, thus providing viewers with ultra-sharp images and close to no latency on live streaming. The proposed solution perfectly delivers video quality that meet BW Monastery's needs and standards, offering visitors and guests the ultimate viewing experience.

Additionally, Acesian Systems customised the GUI (graphic user interface) programmed with Crestron Control App on an iPad to work with Crestron's Control Processor 3 (CP3). Installed in both the grand and secondary prayer halls, CP3 is designed to support high-speed and real-time multi-tasking, ensuring that multiple programs are able to run seamlessly.

The team behind BW Monastery can also enjoy enhanced mobility and easy access to microphone and speaker volume control, video controls, and the option to switch out holding images with the live feed, all with a couple of swipes on a smart device.

The Result

After the introduction of Crestron's solutions to its new facility, BW Monastery has seen a marked improvement around troubleshooting response time, and a significant reduction in its team's manpower hours – the responsibilities of a 10-men crew can now be easily managed by an agile crew of four. The monastery's adoption of easy-to-use and seamless technology solutions has also paved the way for staff and visitors to devote more time to the learning and education process.

"Partnering with Crestron has been nothing short of a fantastic experience. We're always looking for ways to help organisations use intelligent solutions to optimise their spaces in the smartest way. Thanks to the range of Crestron technologies available, equipping BW monastery with the AV solutions they needed to bring their teachings to the wider community made this project really enjoyable to work on," said Nigel Woo, Account Manager, Acesian Systems Pte Ltd.

Equipment List

- DM-TX-201-C
- HD-EXT3-C-B_SYSTEM
- DMPS3-4K-350-C
- DM-RMC-100-STR
- DM-RMC-4K-SCALER-C
- C2NI-CB-W-T
- DM-TX-4K-302-C
- PW-4830DUS
- CP3 Control Processors
- DM-TXRX-100-STR

For additional information on Crestron, visit our website: www.crestron.com