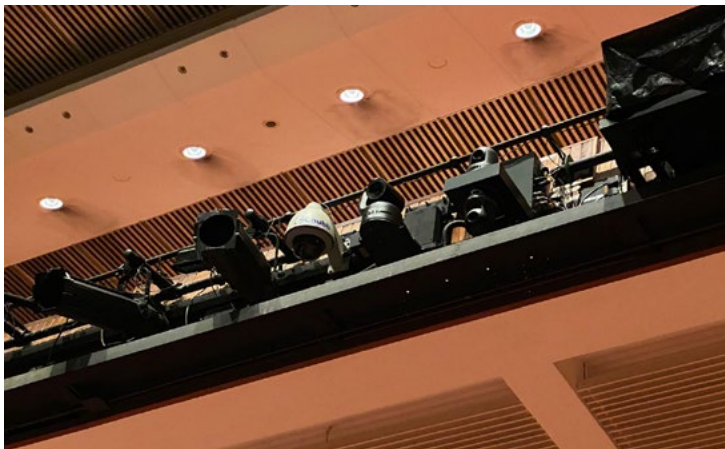


Concert hall powers 4K video streaming with fewer resources

Hong Kong City Hall, a multipurpose cultural complex, has been adding power over Ethernet (PoE) inputs for power and communications. The addition of IP-based devices and applications has been a challenge to the historical building's infrastructure. Network devices are popping up everywhere, including IP cameras, Wi-Fi access points and building access controls. The city hall's managers chose CommScope's powered fiber solutions to extend network access where it's needed—indoors and out.



50% less installation time than separate ac power cables and sockets



"We're very pleased with CommScope's powered fiber solutions. They make it easy for us to get high-bandwidth data and power connectivity to every device in every location—inside and out."

Tim Chan, consultant and project manager, Panspace Limited

The journey

Hong Kong City Hall doesn't have government offices. Instead, it houses a concert hall, theater and other cultural venues. The 11,000-square-meter (118,403-square-feet) landmark building must provide power to PoE devices over long distances. In some cases, that means more than 90 meters. The PoE distance limitation of 100 meters can make network planning a challenge.

Officials needed to efficiently power six 4K broadcast-grade pan-tilt-zoom cameras in the building's concert hall over a long distance. Instead of using bulky ac power cables, officials chose CommScope's space-saving PoE solutions. This choice minimized intrusion to the historical building's decorative architecture and improved reliability by eliminating PoE repeaters and multiple ac power points.

The solution

CommScope's powered fiber solutions extend network coverage indoors and

outdoors from 100 meters to up to 3 kilometers. The portfolio combines high-performance, low-latency fiber-optic data connectivity with a copper low-voltage dc power connection. This allows powered remote devices to be connected without new conduit, bulky extra cable runs, or expensive electricians.

Technicians installed 3,000 meters of CommScope's 12 AWG singlemode powered fiber cables and six 5G PoE extenders to power the broadcast cameras in the concert hall.

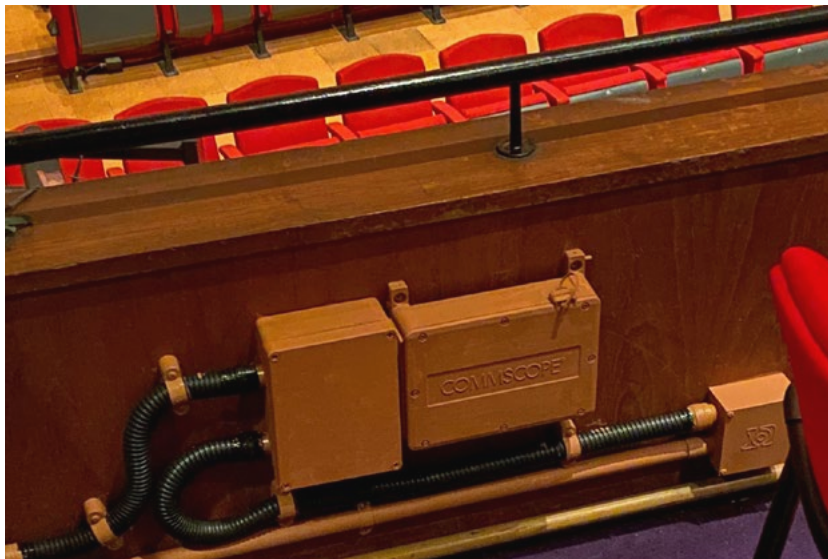
CommScope's powered fiber solutions give networks access to applications such as:

Products

- Optical LAN
- Emergency phones
- High-definition security cameras
- Digital signs
- Wi-Fi access points
- Small cells
- Low-voltage dc-powered devices

Hong Kong City Hall

- 11,000 square meters (118,403 square feet)
- 12 floors



CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com

COMMSCOPE®

commscope.com

Visit our website or contact your local CommScope representative for more information.

© 2022 CommScope, Inc. All rights reserved.

© 2022 CommScope, Inc. All rights reserved. All trademarks identified by ™ or ® are trademarks or registered trademarks in the US and may be registered in other countries. All product names, trademarks and registered trademarks are property of their respective owners. This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to CommScope products or services.

CS-116696-EN (07-22)