

Case Study: World Class Solution for 1st Class Varsity



PROJECT FACTS

Opportunity:

Install first-of-a-kind CAT. 7 cabling infrastructure to create a "next generation" campus network for Duke-NUS's new 24,000 square meter Computational Biology/Genomics facility

Why TE CONNECTIVITY?

- Best of breed network cabling infrastructure solution provider
- High performance cabling systems for both fiber and copper
- Scalable, future-ready 10 G/bs Support

The Solution:

- TWIST 7AS CAT. 7A jacks
- 10 G/bs backbone
- AMP NETCONNECT SL Termination tool

For more information on any of our products or services please visit us on the Web at:

www.awspl.com



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Duke University graduate-level medical education offered in collaboration with the National University of Singapore required high speeds within building network services in order to serve a new Computational Biology / Genomics facility and also to provide a backbone for routing audio / video / desktop displays to a central AV control and recording system.

The requirements included support for 24,000 square meters of space across eleven floors in a vertical campus, including the support of IP telephony systems and wireless access throughout the building.

Project Outcome

- The existing 1Gb/s backbone provided little expansion over the near term. Duke-NUS selected a 10 Gb/s backbone with CAT 7 cable from the backbone to office locations, providing the potential for 10Gb/s to the desktop in the future.
- Use of TWIST 7AS Cat7A jacks with SL termination tool from TE Connectivity significantly reduced termination time and ensured a high level of consistency over more than six thousand connections.
- The entire highly fault-tolerant network cabling is designed to be scalable and future-proof for the next decade and beyond. This ensures it is able to adapt to new network technologies and applications as they are introduced.

OTHER SERVICES AVAILABLE

Energy Efficiency Solutions
Communications, Cabling and Networking Solutions
Value-Added Services
Technical Support

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