

## CASE STUDY

# XINGHUA, YANGZHENG AND ZHENGHUA PRIMARY SCHOOLS, SINGAPORE: IT INFRASTRUCTURES FOR SCHOOLS

Datwyler supplied the data networks for three state schools in Singapore. These were installed by HEC on behalf of the Ministry of Education.

In Singapore around 20 percent of the annual state budget is allocated to the education sector in order to build up a knowledge-based economy in a country with few natural resources. The primary schools benefit from this as well.

HEC Electrical & Construction, a company established in 1995, has only recently become one of Datwyler's Solution Partners. HEC provides its customers in Singapore with comprehensive services, among other things in the fields of communications and security systems, electrical engineering, fire safety and integrated building technology.

The first joint projects included the successful installation of the IT infrastructure solutions for the Xinghua, Yangzheng and Zhenghua Primary Schools. The solutions supplied by Datwyler encompass not only all the data network technology, but also the WiFi installations in the schools mentioned.



### Future-proof solutions

In the backbone HEC used shielded Category 6<sub>A</sub> copper cables and OM3 fibre optic cables. The three data networks are designed for transmission rates of up to 10 gigabits per second.

With the creation of an end-to-end system solution from Datwyler each primary school today enjoys the use of



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top quality and very high-performance structured building cabling. This also means that the schools are equipped for the technical challenges of the future.

The clients are very satisfied with the IT infrastructure solutions installed. This is particularly true of product reliability and the support provided by Datwyler – two important aspects of the challenging education environment.

“The premium Datwyler cabling products have met the high quality expectations of our clients. We therefore recommend cabling systems from Datwyler for our project tenders,” says Juvı Soh, Contract Manager at HEC Electrical & Construction.

(January 2021)

