



Advancing Malaysia's Digital Education Landscape

Penang Science Cluster is a non-profit, tax-exempt organization that aims to spark interest in science and technology, create a culture of innovation, and cultivate entrepreneurship among the young in Malaysia. Despite ongoing efforts, several obstacles impede the advancement of digital learning experiences, such as internet infrastructure coverage, inadequate device access, and a skillset gap among educators. For the 5G Digital School Library project, Intel helped its collaborators and the state government create a unique on-premises edge solution that included the latest 5G and cloud technologies. Implementing the solution ensured that students gained uninterrupted access to a wealth of educational resources. It has addressed the limitations of traditional physical libraries and allowed students to learn at their own pace, anytime and anywhere.

“This 5G Digital Library project with 5G interconnectivity is a significant infrastructure milestone for our Penang schools. Teachers and students can now leverage online resources for more effective teaching and learning while enjoying fast response and high availability with the hybrid model.”

**Peng Ee Ooi, CEO,
Penang Science Cluster**

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