CAMBIUM NETWORKS'CLASSROOM WI-FI SOLUTION

A well-known private school recently needed an updated wireless network system to reach the cutting edge of technology and networking advances that would empower its students far beyond the classroom.

PROJECT OVERVIEW AND CHALLENGE

The school had been trying to make the most of its out-of-date wireless system, which not only failed to keep up with the demands of its classrooms, but was also was underequipped with security capabilities.

Regular Wi-Fi outages were a symptom of the over-capacity network and under-performing wireless controller, but the original wireless manufacturer and its products were obsolete.

The school was at a loss, afraid that a new connectivity solution would come at a high cost in price, instalment time, and network downtime.

"We trust the recommended Cambium Networks solution for easy installation and configuration, and with the school already seeing great network performance, we're very happy with the results of the upgrade"

A Cambium Networks Program
ConnectedPartner

INDOOR AND OUTDOOR WI-FI SOLUTION

To make the installation as cost-effective as possible, pre-existing data point locations were used. Cambium Network's indoor and outdoor AP systems were the obvious choice:

❖ The **cnPilot e410 Indoor AP** offers flexibility for both coverage and capacity in small, indoor environments such as classrooms.
❖ The **e500 Outdoor** delivers robust coverage for outdoor areas, with rugged housing that resists environmental stressors.

The cnPilot Wi-Fi solution enabled quick and convenient installation and configuration, expanding wireless coverage while supporting future growth and upgrades.

TAKING IT ONE STEP FURTHER

To streamline the project, the Cumbium cloud-base end-to-end wireless management system cnMeastro™ was implemented. This provide general support service provisioning and efficiently transfer management of the system.

The end result: Strong wireless performance as well as reliable staff and student connectivity with additional guest services.

BT-SA is a **Level 1 B-BBEE** end-to-end ICT infrastructure solutions partner with a national footprint in southern Africa.

Our extensive service portfolio includes design, integration and management services for government and private sector, big or small.

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