# Keep students and faculty securely connected with 5G solutions

To be successful, students and educators alike need reliable, high-speed broadband access that safeguards their data—whether they're at home, in the classroom or on campus.

For campus environments in particular, one of the challenges is that connectivity needs to be available between buildings as well as within buildings. This is where 5G fixed wireless access (FWA) combined with Wi-Fi 6 provides a compelling option. Private 4G and 5G networks have also become a viable option for primary education and connected campuses, and are transforming rapidly to meet the needs of higher education. A private network using Inseego devices offers schools a way to manage their networks and communicate securely and reliably with staff members, school boards, and administration.

> **"The use of technology in the education sector has increased by more than three times in the past decade."**
>
> Impact Networking, September 2020*

## Inseego's 5G FWA devices deliver the performance that students and families need:

**Increased bandwidth**
Allowing students to stream content, participate in videoconferences, take tests, join virtual field trips and more.

**Faster upload & download speeds**
Making it easy to download assignments and upload homework quickly.

**Remote device management**
With Inseego Connect, a Cloud-based SaaS solution, educators can easily and remotely manage devices, monitor student data and device health.

**inseego**

**source:** https://www.impactmybiz.com/blog/impact-of-digital-education-on-technology-25-stats/

# Make learning accessible everywhere

## Rural schools and campuses

Ideal for rural schools and campuses, the Wavemaker PRO 5G outdoor CPE FW2000e brings high-speed wireless data and security to students in more places.

**High-gain antennas**
Provide high-speed wireless data to students and schools in rural areas.

**Fast 5G connectivity**
Low latency means students can count on smooth streaming of video content while more bandwidth lets them download and upload large files more quickly.

**Enterprise-grade security**
Ensures student data is protected from the latest cyber threats.

FW2000e

## Campus buildings and classrooms

Versatility is at the heart of the Wavemaker PRO 5G Indoor CPE FG2000e, enabling superior connectivity across classrooms and campus buildings.

**Superior connectivity for up to 128 devices**
Dual-band Wi-Fi 6 technology delivers 40% faster speed and four times more data throughput than Wi-Fi 5, making it ideal for schools with several devices connected at one time.

**High-performance RF and antenna design**
Enhanced data throughput supports seamless video streaming for numerous students and educators at the same time.

**Ethernet connection options**
The FG2000e includes two ethernet LAN ports for wired access to classroom printers, televisions, and computers.

FG2000e

## Distance learning

A compact indoor router, the Wavemaker PRO 5G Indoor CPE FX2000e is a flexible, easy-to-use solution for distance learning.

**Superior connectivity for up to 32 devices**
Dual-band Wi-Fi 6 technology delivers 40% faster speed and four times more data throughput than Wi-Fi 5, making it ideal for home educators and smaller rural classrooms.

**High-performance RF and antenna design**
Enhanced data throughput supports video streaming as well as content downloads and uploads.

**Affordable 5G solution**
Cost-effective solution that won't compromise performance.

FX2000e

For more information or to learn about our other Inseego enterprise solutions for education.

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