RUCKUS®
COMMSCOPE

COMMSCOPE BUILDS LATIN AMERICA'S LARGEST RUCKUS® NETWORK FOR PARANÁ SCHOOLS

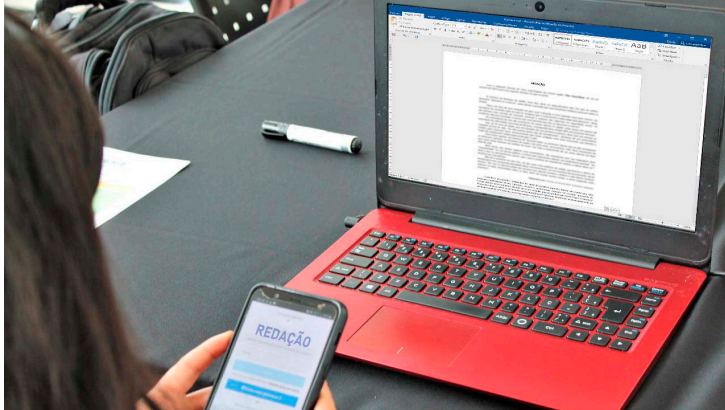| **600,000** simultaneous connections	**900,000+** students	**2,000** public schools

Paraná is one of the most developed states in Brazil. The state government has fully embraced the potential of digital learning for its 2,000 public schools—offering programs like EduTech, an initiative that promotes student learning in software development. The initiative includes classes in English, robotics, writing and gamified mathematics. To take full advantage of digital learning, however, the networks connecting these schools needed significant upgrading.

"We need a healthy and increasingly modern environment within schools in Paraná. And that's what we're promoting by delivering equipment that provides a great connection to our students. Increasingly, it's technology that will make a difference in the lives of these young people born in this digital age."

Carlos Massa Ratinho Júnior, governor of the state of Paraná

The journey

State officials wanted to invest in a technology infrastructure with high-quality connections for all public schools. The scope was daunting: When completed, it would be Latin America's largest RUCKUS-based network.

The Paraná government chose CommScope's RUCKUS Wi-Fi portfolio based on the company's extensive expertise in government and education deployments. The network's size was the main challenge, as it needed to support about 600,000 simultaneous users.

To facilitate deployment, CommScope partnered with Seger Technology, a company that specializes in solution design and certified technical consulting.

The solution

Together, CommScope and Seger Technology deployed 23,500 RUCKUS access points (APs) across the state, linking 900,000 students to the full potential of digital learning—and opening doors to life opportunities that may have otherwise passed them by. The RUCKUS APs feature patented performance-optimization technology that ensures fast, stable connectivity for hundreds of thousands of simultaneous users.

Explore RUCKUS solutions

For more information, visit commscope.com

> "Issues such as ease of installation, scalability and quality of equipment were essential for choosing the solution that was provided to the government of Paraná."
>
> **Denilson Izepe, commercial director, Seger Technology**

Products

- **23,500 CommScope RUCKUS R320 and R350 APs**

About Ruckus Networks

Ruckus Networks, a CommScope business, builds and delivers purpose-driven networks that perform in the demanding environments of the industries we serve. Together with our network of trusted go-to-market partners, we empower our customers to deliver exceptional experiences to the guests, students, residents, citizens and employees who count on them.

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