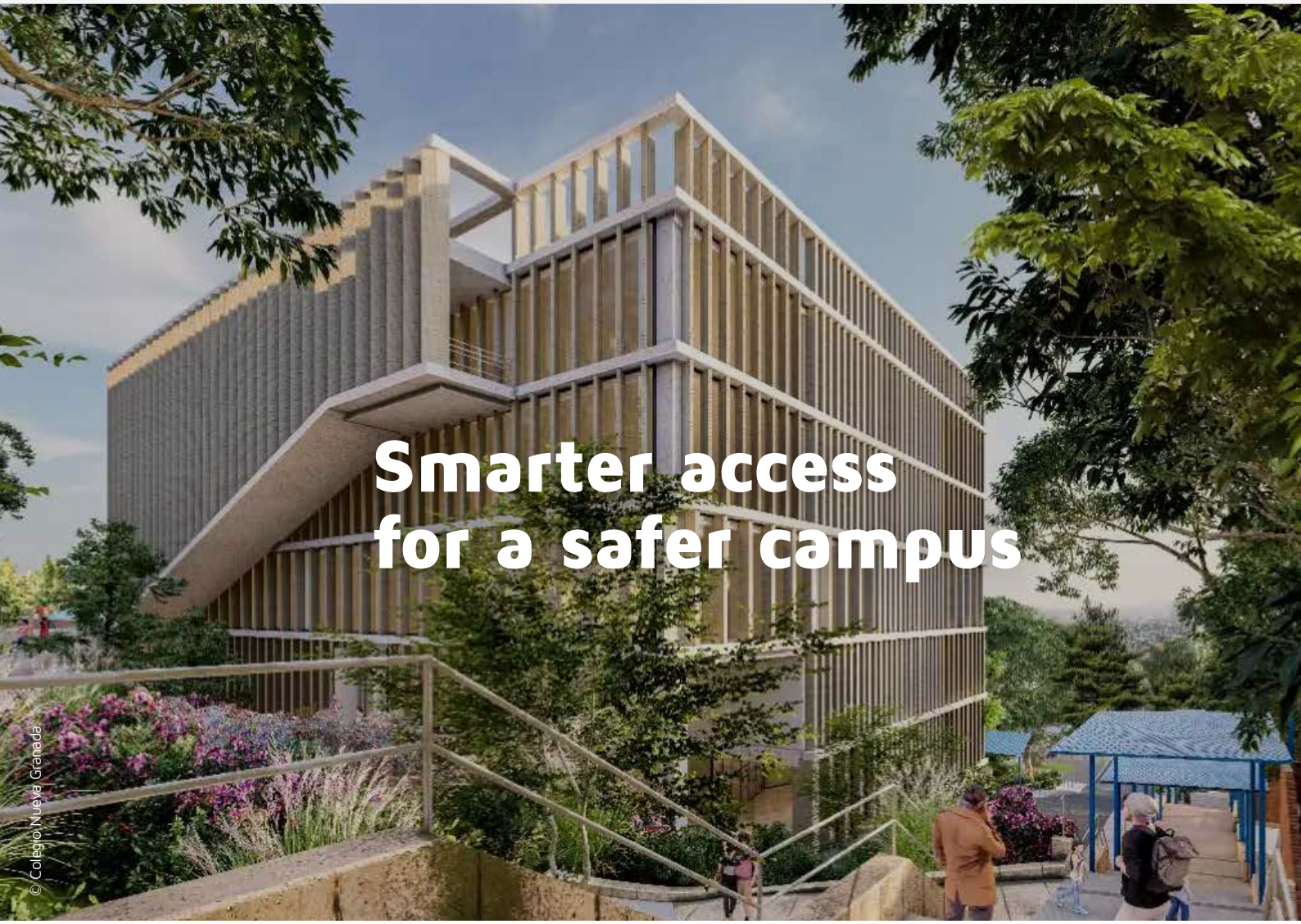
ROSSLARE



Smarter access for a safer campus

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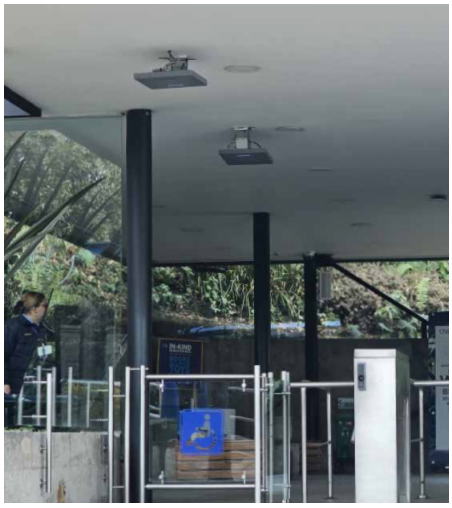
Invisible security for hands-free and child-safe access

Colegio Nueva Granada (CNG), located in Bogotá, Colombia, is one of the country's most prestigious international schools, with over 800 students from more than 70 nationalities. Recognized for its academic excellence, cultural diversity, and strong commitment to student safety, CNG is endorsed by the U.S. government for its security standards and is situated near the Israeli embassy. Many children of former presidents, ambassadors, congressmen, and business leaders attend the school, making security a priority of the highest order.

CASE STUDY



The school faced a significant challenge in ensuring safe access control for preschool and elementary students. Traditional turnstiles could not be used, as their mechanical movement posed risks for small children, and requiring them to handle access cards was neither practical nor reliable. The administration needed a system that would allow seamless and secure entry and exit, ensure hands-free operation, and provide consistent reliability for a high-profile community.

Rosslare's UHF readers, integrated by H323 Telecomunicaciones, provided the ideal solution. UHF readers were installed on both sides of handicap-accessible doors, while credentials were attached to the top handles of children's backpacks. This allowed automatic identification as students passed through the doors, ensuring a smooth and secure process without any interaction required from the children. The system was deployed at three main exit points across the campus, covering all daily student flows.

The results have been outstanding. The new system allows children to move freely and safely without exposure to mechanical barriers, while providing a seamless hands-free experience. Rosslare's UHF readers have proven robust, accurate, and highly reliable in daily operation, solving a delicate security challenge. According to Juan David, Security Manager at Colegio Nueva Granada, "the project has transformed access control by enabling reliable, real-time monitoring of student movements. This has strengthened security, improved administrative efficiency, and delivered peace of mind for both the institution and families. The implementation represents a significant step forward in the school's modernization efforts and its ongoing commitment to the safety and well-being of its students."

The Colegio Nueva Granada project highlights how Rosslare's advanced UHF technology can be successfully adapted to highly sensitive environments where safety, reliability, and innovation are essential. By combining strong hardware with creative integration, Rosslare delivers solutions that safeguard children and provide confidence to entire communities.

Want to know more
about Rosslare solutions for your Access Control Project?

Contact us: sales@rosslaresecurity.com

> "Thanks to this system, it is now possible to maintain reliable, real-time monitoring of student movements, which strengthens security and facilitates the traceability of each student. Furthermore, the automation of these records contributes to administrative efficiency and provides greater peace of mind for both the institution and families."
>
> Juan David, Security Manager

About H323 Telecomunicaciones

H323 Telecomunicaciones is a leading Colombian provider of integrated electronic security solutions. With proven expertise in access control, video surveillance, and communication systems, H323 designs and implements tailored solutions that meet the highest standards of safety and reliability.