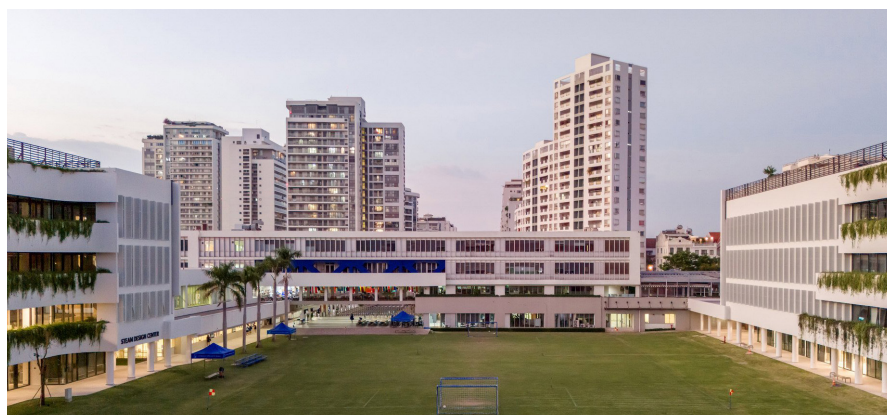**RUCKUS®**
COMMSCOPE

SAIGON SOUTH INTERNATIONAL SCHOOL (SSIS)

Transforming and future-proofing the network at one of Vietnam's leading international schools

Saigon South International School (SSIS) is one of Vietnam's most prestigious international schools. Located in Ho Chi Minh City, the school operates with a mission to enhance the intellectual and personal development of students, preparing them for life as global citizens with the potential to change the world.

Customer
Saigon South International School (SSIS)

Location
Ho Chi Minh City

SSIS was established 25 years ago as a not-for-profit branch of the Phu My Hung Corporation and has since built a reputation for delivering a caring, student-centered learning environment based on an American curriculum. The school is fully accredited by the Western Association of Schools and Colleges (WASC) and is a member of both the South East Asia Student Activities Committee (SEASAC) and Mekong River International Schools Association (MRISA).

Today, SSIS offers students the largest, greenest campus in Ho Chi Minh City and support from a highly experienced, dedicated team of teachers. It is the only school in Vietnam that offers high school students both the International Baccalaureate Diploma Programme and Advanced Placement courses, all

designed to prepare students for their chosen university attendance anywhere in the world.

The challenge

A world-class campus network is essential to enabling progressive educational establishments. Students need to be able to access online resources like lectures, class materials, and research tools quickly, as well as collaborate and interact with fellow students and teachers online. A state-of-the-art campus network also helps schools streamline operations, reduce costs, and provide a safe and caring place to study and learn.

SSIS had been using a network infrastructure from a competitor which offered a cloud-managed network,

giving students and staff wireless and wired internet access. However, SSIS wanted a more suitable model than the current subscription-based approach as well as improved performance and coverage across its site.

As such, SSIS wanted to move to a wireless network that provides Wi-Fi® throughout the campus, built on 802.11ac/ax 5.0 GHz connectivity and offering maximum coverage, high performance, reliability, and optimized end-user experience—a network fit for supporting and enabling teaching and learning and underpinned by reliability and consistency.

The solution

SSIS wanted a network solution that would deliver fast, reliable Wi-Fi connectivity across its Ho Chi Minh

City campus, designed to empower students and teachers and support its commitment to next-generation learning.

CommScope addressed the need via two project phases. The first phase involved deploying two RUCKUS® SmartZone™ 144 (SZ144) high-performing wireless LAN controllers for network management. The SZ144 is a state-of-the-art solution designed to manage up to 2,000 Wi-Fi access points (or 400 switches) and thousands of clients per controller. Phase one also included 1,500 subscriptions to the RUCKUS® Cloudpath® Enrollment System, the cutting-edge cloud service that ensures secure network access for any user and any device on any network.

Phase two of the project included deployment of 19 RUCKUS R350 indoor access points (APs), designed to be Wi-Fi 6 and IoT ready and enabled for 802.11ax wireless connectivity. Further, we deployed 200 R550 indoor APs, 138 R650 APs, nine T750 outdoor APs, six ICX7650 switches (to deliver high performance, high availability, and scalability), plus also 48 ICX8200 switches, designed to power next-generation wireless-first and IoT campus networks.

The results

SSIS now benefits from a state-of-the-art campus network that gives students and teachers superfast, reliable Wi-Fi everywhere they need it. The RUCKUS solutions deliver increased capacity, improved coverage and performance even in the densest environments. The network is also designed to scale with SSIS requirements in the future.

CommScope ensured SSIS would get the wireless network solutions it needed thanks to our in-depth understanding of the needs of education establishments and our commitment to working closely with them throughout the process. This was supported by leveraging the capabilities of our Executive Briefing Center (EBC) in Singapore to give SSIS a valuable Cloudpath demonstration and showcase its benefits.

"At SSIS, we are excited to be able to deploy a next-generation wireless network that will meet all the needs of our students and teachers and enable all the tools and solutions they want to empower them on their learning journey. The RUCKUS solutions provided by ANS and Dong Quan deliver on our requirements and they have been great partners to work with on the project. Our students are now well equipped to fully realize their potential."

Mr. Grant Weaver
IT Director

The right partner

CommScope local partner ANS and distributor Dong Quan worked with SSIS to specify and deploy the RUCKUS solutions. Dong Quan is a long-term RUCKUS distribution partner and has worked with us for over 10 years—since RUCKUS first entered the Vietnam market. ANS is a specialist systems integrator with over 20 years of experience in the Vietnam ICT market, and they focus on systems integration, wired/wireless networking solutions, server systems, enterprise software and cybersecurity.

RUCKUS solutions provided locally by ANS and Dong Quan gave SSIS the experienced team it needed to enable its desired wireless networking deployment. Their expertise helped the customer deploy the system ready for the start of the new school year. It also underpins the project with customer support on a daily, 24/7 basis—both remotely and on-site—when needed.

www.ruckusnetworks.com

Visit our website or contact your local RUCKUS representative for more information.

RUCKUS®
COMMSCOPE