

SUCCESS STORY

Dahua Smart Education Solution Redefines Education and Security at Link School of Business in Brazil



Overview

The Link School of Business provides education and trainings through innovative teaching methods and practical approaches focused on the application of knowledge to create new businesses. Located at the heart of São Paulo, Brazil, this educational institution established in 2020 is home to both aspiring entrepreneurs and experts in the field. With its mission to positively impact the world by transforming education, offering cutting-edge educational facilities that are safe and conducive to learning is imperative for this dedicated college.

Challenges



Safeguarding a modern 6-storey building is not an easy task. Monitoring the safety of students and school staff at all times is of utmost importance. Access control must be in place in order to regulate the flow of people and vehicles entering and leaving the school premises. In terms of classroom optimization, several aspects must be achieved such as automatic attendance, behavior analysis, usage of interactive whiteboards for collaboration, and more. Integration with third-party software and hardware is also difficult and challenging to accomplish.

Solution

In order to create a secure and innovative learning environment and provide intelligent and real-time learning experience to its students, Link School of Business partnered up with Dahua and deployed the Dahua Smart Education Solution around its campus.



ANPR access cameras and bracket cameras were set up at the parking lot of the school to automatically recognize authorized vehicles and monitor the area 24/7. At the entrance, intelligent turnstiles with face recognition terminals were installed to instantly recognize authorized people and efficiently streamline the access to the building. In common areas such as hallways, lobbies and stairways, 3MP behavior cameras equipped with video metadata algorithms were strategically installed to accurately recognize students' non-recurring activities to help prevent accidents (e.g. fall) from happening. It can also predict crowd formation and conflicts among students in real time.



In the classrooms, the Dahua Smart Education solution goes beyond monitoring. It enables automatic attendance by recognizing the students that are present in the classroom, as well as those who are late or left the class before it ends. The Dahua DeepHub smart interactive whiteboards offer an artillery of educational tools and features to boost learning and collaboration in the class. It can also connect students' computers and transmit lecture content to other rooms or locations in real time. What's more, intelligent cameras installed inside the classroom can also recognize students' behavior such as exchanging items during an exam, using mobile phone, and even sleeping during a class session, informing the teacher about such actions and enabling them to act accordingly.

Results

The Dahua Smart Education Solution successfully redefines education and security at Link School of Business by connecting students, teachers and lecture content in an innovative and interactive way, while also ensuring their safety and security at all times. It offers an intelligent high-tech system that strengthens learning experience, innovates teaching methods, and sets new security standards in the school.



"Innovation and technology are very important to us. Alongside leading companies like Dahua, we seek to create a very favorable environment to showcase everything that is state of the art [such as] campus access and classroom cameras," says Alvaro Schocair, Founder and Chairman of the Executive Board of Directors of Link School of Business. "Our main goal is to provide students and teachers with the best possible ecosystem so they can create products, develop service, build their companies, and through their organizations, improve society and make the world a better place," he added.

About Dahua Technology

Dahua Technology is a world-leading video-centric AIoT solution and service provider. Committed to enabling a smarter society and better living, Dahua has deployed its products, solutions, and services in 180+ countries and regions, covering transportation, manufacturing, education, retail, banking & finance, energy, environmental protection and various industries. The company has more than 23,000 employees, with over 50% of R&D technicians. Focusing on technological innovation, Dahua has established five major research institutes, with annual R&D investment accounting for approximately 10% of its sales revenue. The company continues to explore emerging fields based on in-depth insights and layout of AIoT, and has extended its innovative businesses including Imou, iRAYPLE, Pixfra, Waythcan, Wisualarm, Dahua Memory, etc. In line with its core value of "Customer Success, Employee Achievements", Dahua strives to provide the market with excellent quality and service, create more value for customers, and proactively contribute to a safe, low-carbon, beautiful and harmonious world.

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