Alcatel-Lucent Rainbow and the INTELLIGENT CAMPUS: Optimize the education journey for students' success

Bring students, teachers and staff together with one mobile application

Alcatel·Lucent

Enterprise

Alcatel-Lucent Rainbow™ for Education provides rich communications to all teachers, administrators and staff, enabling a continuous dialogue between students and parents as well as the overall ecosystem. By integrating Rainbow into a user-friendly web or mobile application, learning management systems or business applications, you will ensure students interest, staff efficiency and global satisfaction from an efficient and quality education.

Reach students' success with cognitive communications

Student centricity: Provide personalized educational services
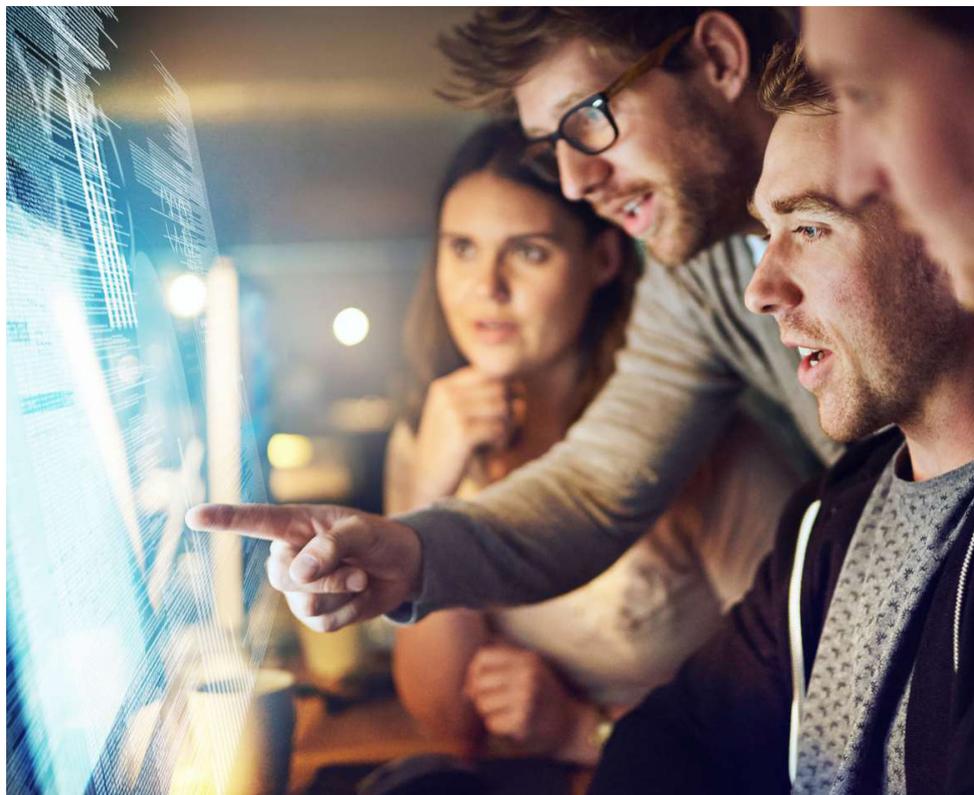
Facilitate enrollment

Enable universities to collect information on their prospective students by integrating Rainbow within the university's web applications, facilitating enrollment and applications.

Collaborative learning

Students–accustomed to social media, communities and mobility–can learn from any place and from any device. The learning process must be adjusted and become collaborative. It needs to integrate communications and collaboration so that students can share questions with the teachers and share knowledge between themselves or for follow up on their projects. Rainbow CPaaS easily integrates within the Learning Management Systems to increase teacher and student experiences.

Enhance on-campus experience

Improve student campus and academic life by integrating conversation and collaboration services into campus mobile applications. It helps provide better personal services and supports the various communities such as students, teachers' communities, sport teams, artistic or geographic communities.

Best student services:

- Create chatbots with the campus mobile application to help students find the classroom for their next course

- Integrate automatic translation services within the applications to support foreign students during international exchange

- Support student project follow up, remind him/her of their next target, help them share their progress with other students and their teacher

- Help students in their daily lives and connect them with the administrative or IT team to solve their problems, inform them of service disruptions or changes

Safe learning environment:
Augment awareness, increase coordination and improve safety

Augment awareness

Improve security and campus safety through rapid emergency event notices. All alerts must be managed as quickly as possible, be it a call from an emergency contact point or an IoT trigger, such as the detection of an intrusion or a system signaling a hacking risk. By correlating different notifications, potentially through artificial intelligence, the operational and security teams can make the best decision in a timely manner, limiting accidents and financial risks.

Increase coordination

Conferencing and collaboration capabilities will increase coordination and accelerate responsiveness, with first responders and operational teams, for a swift and safe conclusion.

Improve safety

Providing the right instruction to security teams, teachers and students in case of lock down or evacuation is of outmost importance. That's possible thanks to localized emergency notification, asset tracking and wayfinding.

Ensure community safety:

- Any staff or student encountering a problem on campus can directly report it to the relevant teams via Rainbow by sending a message with a picture or a video. If necessary, the security staff can contact the person by text message to provide some feedback on the actions taken.

- Students, teachers and staff can be alerted of potential health issues or weather issues by sending them push notifications on their Rainbow app to keep them safe, starting remote administration and learning processes.

- If there is an emergency, the chatbot can be asked where is the nearest defibrillator as well as the list and location of fire distinguishers.

Efficient and secure operations:
Ensure privacy, security and easy integration with business processes

Rainbow is a high performance, flexible and open platform providing collaboration, conferencing and mobility. It is also a relation machine to connect people, objects and applications such as artificial intelligence. Rainbow helps you enter the IoT-enabled communication paradigm within your business process and applications.

Simple, cloud-secure and data privacy

This cloud-based solution can be used anywhere without compromising privacy because of the encrypted data flow between browser, applications and the Rainbow data center. In addition, Rainbow is compliant with the level of data protection and security expected by the GDPR and ISO 27001.

Improved efficiency

Not only will Rainbow UCaaS increase teacher and staff efficiency with mobile and cross-border collaboration, Rainbow CPaaS is also easy to integrate in any application such as ITMS, for example. It is an enabler to innovation and will increase the quality and efficiency of education, the information to students and staff as well as emergency management in case of lock-down or evacuation.

State-of-the-art technology

Rainbow accommodates all standards-based devices, connecting people, objects and services, from commonly-used calendars, to directories to cognitive services such as simple chatbots or more comprehensive artificial intelligence.

With Rainbow, communications are becoming easier in each community's ecosystem from students to education teams.

University Partner Program

To develop academic/industry and strategic business partnerships with universities, ALE has created a program dedicated to universities whose students want to gain and improve their expertise in computer science, with great terms to gain access to Rainbow and LBS solutions.

We provide resources and collateral to educate students and teachers about our platforms, give access to our SDK as well as APIs, and examples for familiarity with LBS SDK and Rainbow APIs. We connect students and teachers to our expert and developers' community through collaborative spaces and forums.

Digital tools like Rainbow CPaaS help ease deployment of new e-services, providing rich communications and connected social communities.

Rainbow rewards

No matter how far along you are in the transformation process, the ALE Rainbow hybrid solution will accompany you at your own pace in digital engagement.

Whether you provide applications for students, teachers or staff, with people to people communications enhanced by simple chatbots or whether you have already started to invest in more complex safe campus solutions, through integrations of IoT and artificial intelligence, Rainbow is still the backbone of your solutions. Start using Rainbow with your team for free. Visit www.openrainbow.com

Digitization is a key factor for success. But the challenge of digitization is to be innovative, while ensuring cost containment and secure data privacy.

| Want to learn more?

Visit our dedicated EDUCATION site

Education

Where Students Connect to interactive, engaged learning. Where Faculty Connect to create inspirational learning experiences. Where Educators Connect to empower the next generation.

We are Alcatel-Lucent Enterprise. Where Education Connects with technology that works. For your school, college or university.

We make everything connect, delivering technology that works for your people, your public, and your organization. With our global reach and local focus, we deliver secure networking and communications, purpose-built for responsive community services.

#WhereEverythingConnects

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