



Executive summary

laSalle

UNIVERSITAT RAMON LLULL

Eduard Ricou, Head IT infrastructure at La Salle Campus Barcelona - Ramon Llull University

"UDS Enterprise allowed us to increase security, offer easy and unified access for students and manage multiple connection and authentication protocols from a single dashboard"

- **Name:** La Salle Campus Barcelona – Universitat Ramon Llull
- **Sector:** Education
- **Number of students:** 4,313
- **Faculty:** 1,178
- **PhD:** 58
- **Administration and services staff:** 173
- **Location:** Barcelona (Spain)

Highly secure remote access to campus computers with UDS Enterprise

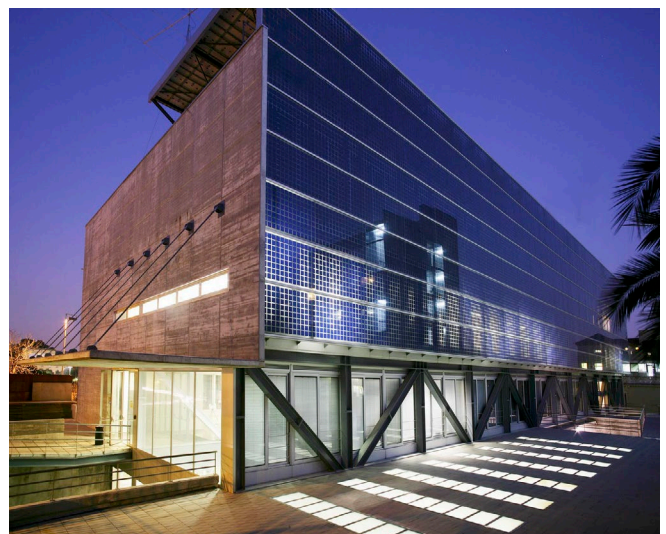
[La Salle](#) is an institution with more than 300 years of history and with a wide international presence. It is represented in 82 countries, 73 Universities, and Business Schools and has more than one million students. Specifically, the [Higher Center for University Studies](#), also known as Universitat Ramón Llull, is specialized in training programs in engineering, animation and multimedia, architecture and business management..

Like so many universities and other educational centers, the La Salle campus in Barcelona has recently had to face the challenge of e-learning due to the security measures imposed by the pandemic. From March to June 2020, they began to test different solutions that would allow, on the one hand, access to their students to the laboratory computers from their homes, and on the other, to the university staff use their work devices remotely. After that trial period they decided on [UDS Enterprise](#) due to its flexibility and adaptability, which allows to simultaneously enable different connection protocols, virtualization platforms and authentication systems.

As the center had animation, VFX, and digital art studios, they needed a connection broker compatible with Teradici PCoIP, which led them to be interested in everything that UDS Enterprise could offer them. "The [Virtual Cable](#) solution fitted us perfectly when using different connection protocols and services", explains Eduard Ricou, head of ICT infrastructure at La Salle Campus Barcelona. The software's support for multiple technologies allowed them to choose the one that best suited their needs, eventually opting for Nvidia acceleration for Microsoft Remote Desktop.

The solution has made it possible to teach many practical classes at the university while there have been restrictions on access to the classrooms. Students have continued their educational activity without interruption by connecting to the physical PCs on campus. This academic year 2021-2022, they attend 100% of their classes in person. However, students and teachers continue to use UDS Enterprise in case of need. "Thanks to the integration of UDS Enterprise, we can continue to provide services to students and university staff in the event of blended attendance due to new lockdowns or positive contacts, thus maintaining security measures against the pandemic."

In addition, the university is considering other alternatives, such as providing remote access to physical devices during the weekends. Thus, students can progress with their lessons or internships, take advantage of the integration of UDS Enterprise with Moodle and even change the laboratory model for one based on virtual desktops as a service (DaaS).





Quick, easy installation, and personalized and quality customer service

Thanks to UDS Enterprise, students have been able to connect remotely to campus computers throughout the pandemic, which has allowed them to use all the software they require with optimal performance, including graphics-intensive applications. For their part, teachers, researchers, and administrative and service staff have been able to access their computers, where they already had their applications configured.

From the university, they are satisfied with the choice of the solution. "One of the main advantages of using this technology is, without a doubt, the agile management of access to campus equipment," comments Eduard Ricou. He also affirms that "the simplification of firewall rules, the increased security by having a single access point and the ability to configure various access protocols and authentication services for different needs are other virtues that the university's IT team appreciates about the solution."

"La gran ventaja de UDS Enterprise es la compatibilidad con varios hipervisores y plataformas cloud"

When talking about the deployment and the marketing model, Eduard Ricou explains that it is a simple process: "the ease of implementation of UDS Enterprise has not required us to ask for support during the deployment of the solution. The acquisition of the subscription has been agile and simple, as with previous projects managed with [Axians](#), which has been the Virtual Cable partner in charge of this project."

After the implementation and the short learning period, the university had to contact the Virtual Cable support team to solve a minor issue and to request a redirection functionality to another web portal when accessing a pool. According to Eduard: "on both occasions the response from the support team and the UDS Enterprise developers themselves has been excellent and we cannot have any complaints, rather the opposite, only words of thanks."

Taking into account the outstanding user experience that all groups of workers and students have enjoyed during these months, the La Salle campus in Barcelona is considering moving from the exclusive use of remote desktops on physical computers to the deployment of virtual desktops both on-premise and in the cloud with UDS Enterprise. "The great advantage of UDS Enterprise in this field is the compatibility with various hypervisors and cloud platforms, but above all, one of the key points is that our users already know the platform and how it works so that a migration would be transparent to all of them."

Finally, Ricou highlights the suitability of UDS Enterprise for the educational Sector. "In a university, there are many scenarios, from access to a basic desktop with office automation tools through a web browser to workstation VDI solutions to carry out work with complex computational demands, with graphic acceleration and specific protocols. With UDS Enterprise, you can cover all these needs with a single platform."

REMOTE ACCESS INFRASTRUCTURE

- ✓ **Broker:**
UDS Enterprise
- ✓ **Connection protocols:**
RDP and HTML5
- ✓ **Authenticator:**
Integration with the Single Sign On SAML of the University
- ✓ **Number of computers remotely accessible:** 500
- ✓ **OS of the devices available for remote access:** Windows and macOS
- ✓ **Access devices:**
Any



UDS Enterprise

Case Study

La Salle Campus Barcelona - Universitat Ramon Llull

www.udsenderprise.com

Support and professional services

Virtual Cable markets UDS Enterprise through a subscription model depending on the number of users, including support and updates.

The Virtual Cable team has over 30 years of expertise in IT and software development and more than 15 years in virtualization technologies.

For more information, visit www.udsenderprise.com or email us at info@udsenderprise.com