



Luiss University of Rome

INTRODUCTION

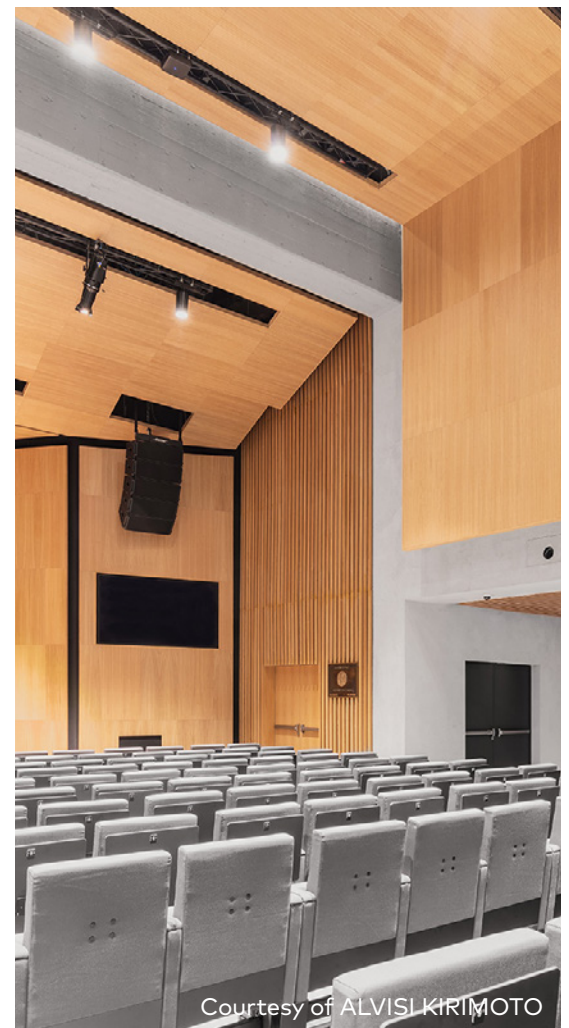
Luiss University of Rome is a leading higher education institute specialising in Economics and Finance, Business and Management, Law, and Political Science studies. Based in Rome, Italy, the university encourages independent learning for its students by promoting a flexible approach to tasks and assignments that will best prepare them for their future careers.

THE CHALLENGE

Create a reliable AV switching solution using the existing IP network and provide automated control for the main learning spaces.

THE SOLUTION

To reflect the university's forward-thinking approach, a cutting-edge and powerful technology system was required to manage AV in the main auditorium area, which seats 500 students at a time. The Crestron DM NVX™ network AV solution was requested by the IT manager to power AV in the auditorium as well as six further teaching areas within the campus.



THE TECHNOLOGY

The accomplished DM NVX solution delivers secure 4K signal routing throughout the campus, resulting in incredibly responsive interaction. This makes the sharing of lecture information from professors quick and simple. In addition to lectures, the auditorium is used for important university events, so a system that was both advanced in its capabilities, yet simple to use was essential.

"CRESTRON TECHNOLOGY MADE THE INSTALLATION OF THE PROJECT RUN VERY SMOOTHLY. WE HAVE WORKED WITH THE UNIVERSITY TO TRAIN THE STAFF AND MAKE SURE THEY ARE COMFORTABLE USING THE TECHNOLOGY. THIS ALSO HELPS TO ENSURE ALL OF THE EQUIPMENT IS USED TO ITS FULL POTENTIAL."

Claudio Contigliani

*Owner,
Nextdomus*



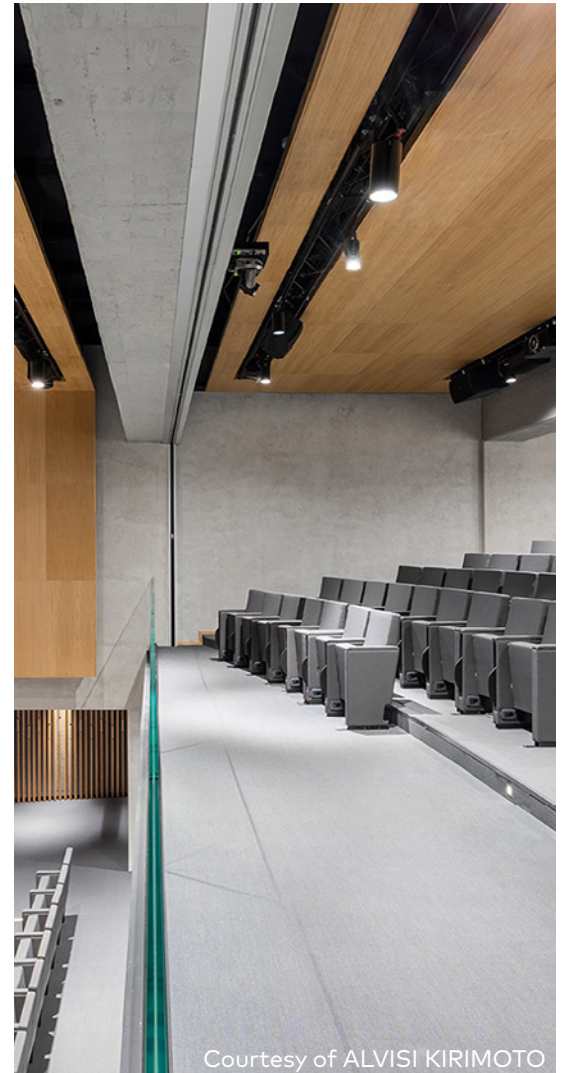
Courtesy of ALVISI KIRIMOTO

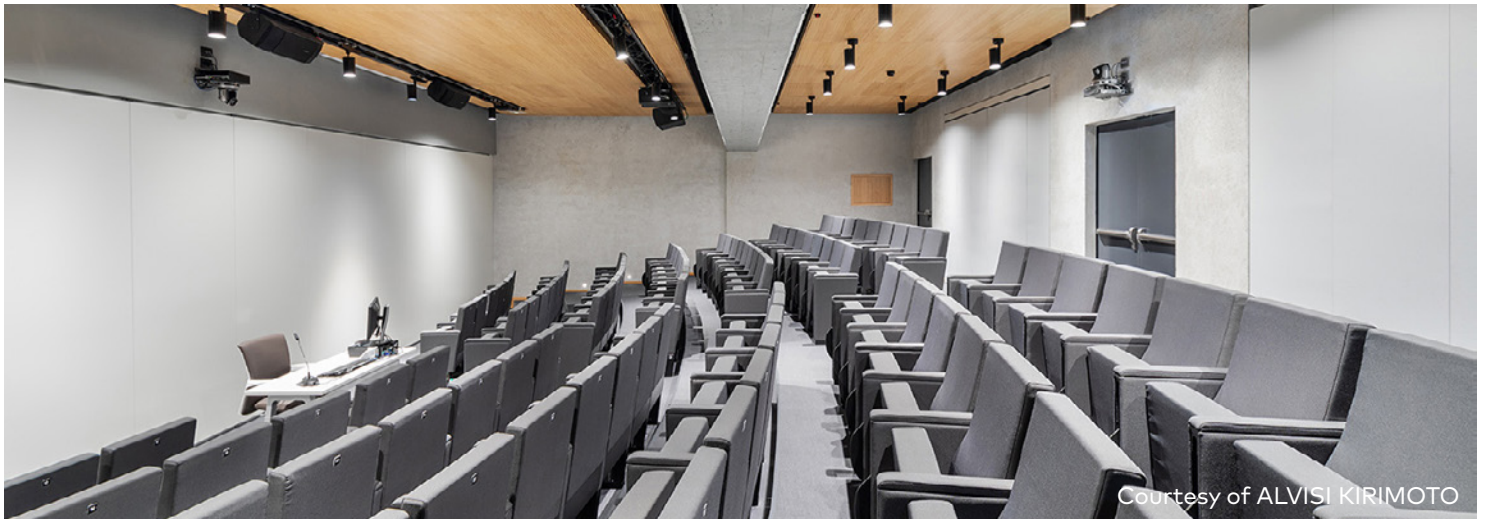
Installation began in June, when students finished the academic year, and needed to be complete in time for student re-enrollment early in September. Rome-based integrators, Nextdomus, completed the installation at the campus, and provided staff training on the solutions along the way.

The intelligent DM NVX solution in combination with the DM NVX Director™ appliance enables simple control over the auditorium AV, where intuitive touch screen devices place the end users in control of the environment. A wireless touch screen is situated on the podium for fast control of lighting in the space, as well as managing content on a 24m² LED wall and two 85" screens. TSW touch screens feature an edge-to-edge glass design and advanced high-definition Smart Graphics® technology, to deliver an unrivalled experience. For additional control inside the space, presenters and lecturers can use XPanel, a Crestron control user interface for computers allowing anyone to transform their laptop into a virtual touch screen. To provide control of the adjoining gallery space, the integrators installed another TSW-760 touch screen. This sophisticated control has also been installed across six training and seminar rooms, providing continuity of technology for the lecturers and facilities teams working at the university.

Working alongside the integrators, architectural specialists Alvisi Kirimoto helped ensure the auditorium renovation fulfilled the brief from the university.

"The great hall," explains Massimo Alvisi, co-founder with Junko Kirimoto of the Alvisi Kirimoto architectural firm, "represents a new model of the auditorium, conceived to become a leading international event space, capable of hosting academic and entertainment events for years to come. Offering a flexible approach to uses and activities, the room builds on the ethos of the university to provide a prestigious and inspiring centre. Adopting a modern architectural approach, the auditorium combines seamless integration with cutting-edge technological components to deliver for students, lecturers, and visitors."





RESULTS

The innovative DM NVX technology powers a flexible and multi-functional solution, providing thousands of students with a cutting-edge learning environment.

The project has been so successful that the team at the university is planning to implement Crestron's future-proof technology in other areas of the campus.

Featured Products

DigitalMedia™ 4K60 4:4:4 HDR Network AV Encoder/Decoder
DM-NVX-350

DigitalMedia™ NVX Director
DM-XIO-DIR-80

3-Series Control System®
CP3N

AirMedia® Presentation System 200
AM-200

FlipTop™ Basic
FT-600-B

15.6 in. HD Touch Screen
TS-1542-TILT-W-S

7 in. Touch Screen
TSW-760

DIN Rail 2-Channel DALI® Interface
DIN-DALI-2