

THE REIMAGINED LIBRARY THAT LISTENS, SHOWS AND INSPIRES

FROM READING ROOMS TO IMMERSIVE EXPERIENCES

The new auditorium and cultural hub at the Sarrià-Sant Gervasi District Headquarters and J.V. Foix Library in Barcelona represents a modern fusion of civic space and community learning. With growing demands for multimedia presentations, public events and flexible room configurations, the project required an audiovisual solution that was robust, scalable and built for long-term performance.

The installation was led by Nunsys Group — a renowned technology consultancy and systems integrator with extensive experience in audiovisual and large-scale digital transformation projects. The team implemented Lindy's SDVoE (Software Defined Video over Ethernet) solution, supported by a high-performance NETGEAR 10Gbps network switch, delivering the reliability, flexibility and performance the venue required.

THE CHALLENGE

As part of an ambitious civic centre redevelopment, the municipality required an audiovisual infrastructure capable of supporting high-resolution multimedia content while remaining flexible enough to adapt to changing room layouts and future expansion without disruptive upgrades. The system also needed to deliver reliable performance across a wide range of events and community activities. Achieving these objectives made selecting the right solution and technology partners a critical factor in the project's success.



THE SOLUTION

At the heart of the installation, an SDVoE-based AV distribution system delivers audio, video and control signals across the auditorium with ultra-low latency and up to 4K resolution. Powered by a NETGEAR 10Gb managed switch and standard Ethernet infrastructure, it enables real-time distribution, flexible routing and future-proof scalability for immersive presentations and events.



KEY LINDY & NETGEAR PRODUCTS



Lindy SDVoE Controller

Provides a centralised interface for managing and routing AV-over-IP signals across complex installations.

No. 38364



Lindy 4K60 SDVoE Transceiver

Enables high-quality transmission of 4K60 video and USB signals over SDVoE networks with ultra-low latency.

No. 38365



NETGEAR Managed Switch

High-capacity, fully managed AV-optimised backbone with 24 Gigabit PoE+ ports and SFP uplinks for AV-over-IP.

No. M4250-26G4F-PoE+

“Combination of Lindy’s SDVoE Technology and NETGEAR’s high-performance switching infrastructure allowed to deliver a flexible, future-ready AV solution that perfectly meets the needs of BIBLIOTECA SARRIA-J.V Foix.”

RAUL ESTRADA, Owner & Consultant, No Name Concept



Scan to learn more about the application.

RESULTS & BENEFITS

Quantitative Outcomes

The implementation of a centralised SDVoE system significantly reduced signal routing and configuration time, enabling fast and efficient distribution of high-resolution multimedia content with minimal latency. The 10Gb network backbone supports uncompressed 4K transmission, ensuring consistent performance during live events and presentations.



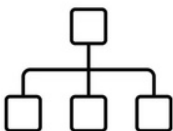
RELIABILITY & DURABILITY



COST EFFECTIVE SOLUTION



CUSTOMER SATISFACTION



SCALABILITY & FLEXIBILITY

Qualitative Outcomes

The installation delivers a flexible and future-ready AV environment that adapts easily to different room layouts and event formats. Its modular design enhances usability, simplifies content management, and provides long-term scalability, resulting in a reliable system that meets both operational and audience expectations.