



LINDY x AVEM GROUP

POWERING THE FUTURE OF CONNECTED BANKING

PRIVATE, RELIABLE, CONNECTED - THE FUTURE OF BANKING

AVEM Group, a leading provider of digital and payment solutions for financial institutions in France, needed a reliable, discreet, and high-performance connectivity solution for its new generation of interactive self-service kiosks. These kiosks allow customers to perform secure

transactions and communicate privately with remote advisors. To achieve this, AVEM partnered with Lindy to implement a robust cabling and signal extension system that combines long-distance data transfer, audio extraction, and directional sound.

THE CHALLENGE

Banks today must balance customer independence with personalised service. AVEM's client, a major French bank, aimed to deploy smart kiosks enabling secure account access, NFC identification, and private video assistance via webcam and directional audio. The challenge lay in ensuring reliable long-distance transmission of USB, HDMI, and audio signals—up to 70m from secure backend systems—while maintaining complete audio privacy and a clean, discreet installation within each branch.



LINDY'S SOLUTION

AVEM implemented an integrated connectivity solution using Lindy technology to link the customer-facing terminals with the bank's secure back-office systems. The design enabled long-distance transmission of video, data, and audio signals with exceptional reliability and no loss of quality. Audio was extracted directly

within the terminal and routed to a directional speaker, ensuring confidential communication between customers and remote advisors. The result was a streamlined, discreet system that simplified installation, reduced cabling complexity, and delivered a secure, high-performance experience for both users and bank staff.

PRODUCTS USED



4 Port USB 3.2 Gen 1 Cat.6A HDBaseT Extender

High-performance 100 m USB 3.2 extension with 5 Gbps speed.

No. 43410



70m Cat.6 HDMI 4K30 & IR Extender

Extends HDMI® & IR signals up to 70m using a single Cat.6 cable.

No. 38208



HDMI® 4K30 Audio Extractor

Outputs 4K audio separately while keeping video intact.

No. 38167



5m TosLink SPDIF Digital Optical Cable

Delivers clear digital audio with fibre optic quality and no interference.

No. 35214



15m Cat.6 S/FTP Network Cable, Red

Delivers fast, stable connections with shielded Cat6.

No. 47739

“Reliable connectivity is the foundation of seamless customer experiences. In the banking sector, combining performance, security, and simplicity is essential to create solutions that allow technology to serve people with trust and efficiency.”

Olivier Carre, Project Manager, AVE M Group



Scan to learn more about the application.



RESULTS & BENEFITS

The AVE M-Lindy solution provided the bank with a secure, reliable, and elegant customer interaction point that combines advanced connectivity with privacy. The solution delivered a range of tangible benefits for the bank. Its private audio experience ensured confidential communication between customers and remote advisors through the use of directional sound technology. Installation was streamlined, with shorter

and simpler cabling that integrated easily into the existing infrastructure. The system provided reliable long-distance performance, maintaining signal quality between terminals and secure server rooms without interruption. Overall, it enhanced customer service, enabling faster, more flexible self-service and remote assistance options that improved both efficiency and user experience.



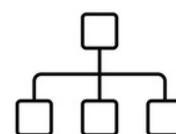
SECURITY & RELIABILITY



COST EFFECTIVE SOLUTION



CUSTOMER SATISFACTION



SCALABILITY & FLEXIBILITY