

CASE STUDY

EFFICIENT INFORMATION FLOW FOR A PRIVATE BANK

Ehinger & Armand von Ernst AG, one of the oldest private banks in Switzerland, has been relying for quite some time on a cabling infrastructure from Datwyler. Since 2005, the bank has also been able to distribute radio and TV programs over the existing cabling system.

Since the middle of 2005, Ehinger & Armand von Ernst AG has been able to distribute radio and TV programs over the existing communications cabling system to all conference rooms and to any office within its headquarters in Zurich.

The new multimedia system serves above all the investment consulting, stock trade and research departments with updated news and stock exchange information. In doing so, the financial services company relies on Datwyler's Multimedia Solution.

In order to be able to distribute broadband signals over twisted pair data cables, the private bank uses TV panels in each floor distribution frame as well as signal converters (so-called Baluns) from Datwyler between the respective wall outlets and end devices. This enabled Ehinger & Armand von Ernst to give up almost all existing antenna outlets in Zurich.

Flexibility

The Multimedia Solution comprises the TV panels with 12 ports, integrated signal converters and integrated TV Baluns. This panel has a frequency range of 5 to 862 Megahertz and full reverse channel capability. The TV panel serves to amplify and prepare the incoming supported television signals (CATV), to convert them from asymmetrical (coaxial, 75 Ohms) to symmetrical transmission mode (two-wire technology, 100 Ohms) and to split the signals between the panel's 12 output ports (RJ45).

The private bank can react rapidly and flexibly if a new TV or radio connection is required anywhere: A data outlet and a brief re-patching is sufficient. Complicated and expensive re-cabling is no longer necessary. Last but not least the uniform twisted pair data cables ensure that signals can be transmitted without problems over the existing LAN.

High-quality cabling solution

Years ago, the bank had already installed a high-quality communications cabling solution with the four pair Category 7 cables of the Datwyler Type Uninet 7002 and RJ45 connectors.



The high bandwidth reserves and the good electrical qualities of the cable ensure undisturbed simultaneous transmission of all services and warrants compliance with the permitted radiation values.

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