

# SYSTIMAX®

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## SOLUTIONS

## Advanced Connectivity for the Fashion World

**SYSTIMAX® Solutions put fashion leader, SINV, in the vanguard of technology**

**SINV, a world leader in the distribution of major fashion brands, has equipped its head office with a state-of-the-art communications infrastructure. This technology underpins the company's strategic aim to develop collaboration with both retailers and major designers by providing a high level of service.**



Located in the center of Schio in North East Italy, the eight-floor SINV building has been completely wired using SYSTIMAX® Structured Connectivity Solutions (SCS). These solutions provide the high-speed connectivity the company needs to operate efficiently and respond quickly to its customers and suppliers.

"Our preferred strategy was to work with a market leader, such as SYSTIMAX Solutions™, that would cooperate effectively with partners to implement the best solution. It is fundamental for us to have the best technology, quality and reliability," commented Luigi Bianchi Michiel, IT Manager at SINV. "Technological infrastructure is increasingly important for business, and it is essential to find solutions that can grow with the company's needs - and SYSTIMAX Solutions is able to meet this need."

The UTP copper GigaSPEED® Solution provides horizontal connections outlets in the office areas. In total, 50 kilometers of GigaSPEED cabling were used to connect more than 830 outlets. This solution meets or exceeds all Category 6 cabling specifications and will comfortably support Gigabit Ethernet. The network applications serving outlets at the desktop are currently 10/100 BASE-T, but there is potential to upgrade them to 1000BASE-T with the same cabling.

More than 2,500 meters of SYSTIMAX OptiSPEED® multimode fiber cabling provides backbone connections. These run in a star pattern from the ground floor telecommunications room to 10 satellite communications closets on the other floors. The larger basement and sub-basement floors have dual OptiSPEED fiber links to the telecommunications room above. All these backbone connections run Gigabit Ethernet and, for resilience, each work area is cross-connected via more than one backbone cable.

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Luigi Bianchi Michiel, IT Manager at SINV

The telecommunications room houses the telephone system, file servers and Avaya Cajun network switching hardware. Each of the satellite closets contain SYSTIMAX PATCHMAX® patching hardware that serve 30 to 90 single, double or triple outlets. The number of outlets and their layout were decided with the assistance of the engineers according to the maximum potential demand in each area. In total, they currently connect 300 PCs and associated peripherals throughout the building.

The new cabling has more than enough bandwidth to support data, voice and video connections, and also serves the building’s environmental control system. Among the most important business applications running over the network are several applications, included customer relationship management, e-mail, CAD, ERP and Internet connections.

The fiber cables run in metal trunking already installed in the building, while the copper cable has a dedicated ducting matrix under the wooden office floors. To minimize the risk of interference, power cables are laid on one side of the offices and communications cables on the other.

The system was installed by SYSTIMAX BusinessPartner, Antelma, which operates out of six centers across Italy. The company has worked with SYSTIMAX SCS for many years and offers a full range of communications products and services. Working with the engineers and the IT technicians of SINV, Antelma designed the network and planned cable routing as well as installing the cabling.

“With Antelma, we were able to offer the best products, design, planning and installation services,” said Fabrizio Cavallini, Sales Director, SYSTIMAX Solutions, Italy. “SINV saw that our solutions could give them a competitive advantage, and they were especially impressed by the SYSTIMAX SCS guarantees, which are the best in the industry.”

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