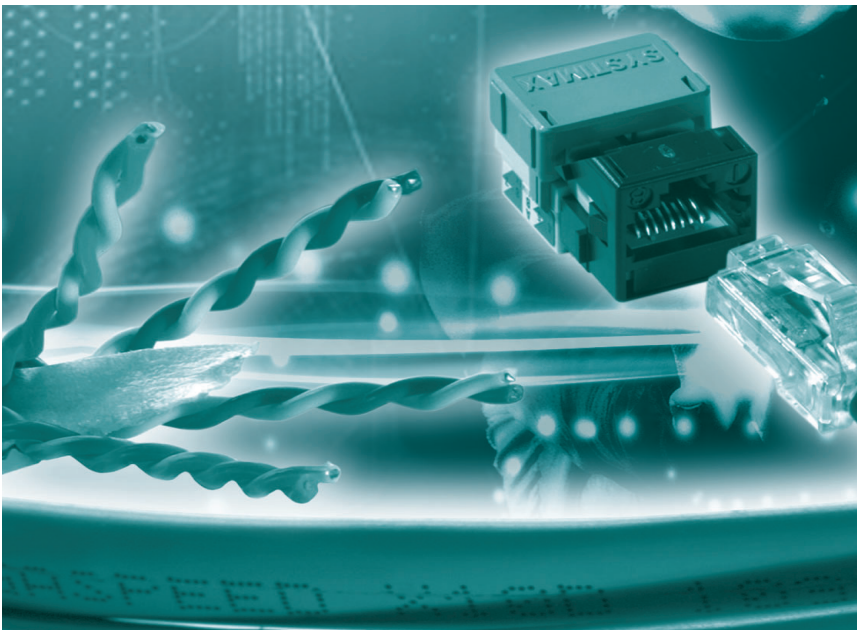


## Verona Health Authority Chooses SYSTIMAX® Solutions from CommScope for Complete Cabling Network

Information Services Department uses SYSTIMAX® cabling infrastructure to support high volumes of traffic securely and efficiently



CommScope has supplied SYSTIMAX cabling for an advanced, new information systems center at Verona University Hospital in Italy. The center is connected to networks also using SYSTIMAX cabling on two separate campuses: the Borgo Roma polyclinic and the Civile Maggiore hospital at Borgo Trento.

For cabling at Borgo Roma, different solutions have been used to meet the various user requirements. In buildings hosting the new information systems center, SYSTIMAX LazrSPEED® 550 fiber backbones have been installed. Within the center's server room, both LazrSPEED 550 optical fiber solutions and GigaSPEED® X10D copper solutions have been used to provide reliable data transmission at speeds up to 10 Gb/s.

The Borgo Trento site also uses LazrSPEED 550 fiber backbones. For horizontal connections in offices on both sites, the GigaSPEED XL copper solution is used throughout.

“ The project carried out with the Verona Health Authority demonstrates CommScope’s know-how in a sector where solid and reliable technology is essential. It is an important aid to the work of health professionals and, consequently, a benefit to the whole community.

Giampiero Sforte, Business Development Manager, SYSTIMAX Solutions, CommScope, Italy ”

SYSTIMAX LazrSPEED cabling gives 10 Gb/s performance over multimode optical fiber connections of up to 550 meters without need for costly opto-electronics. This significantly reduces the initial investment and ongoing cost of maintaining a very high level of performance.

Communication flows within the information systems center demand a high-performance network. This is needed not only to provide capacity to manage the information volumes but also to ensure the reliability and continuity of the network. These are fundamental in enabling staff to care for patients as efficiently as possible.

“The network is at the heart of the hospital’s IT systems, connecting 7,000 active terminals,” said Giampiero Sforte, Business Development Manager, SYSTIMAX Solutions, CommScope, Italy. “That’s why we offered our most advanced solutions, the results of constant research and the technological excellence of CommScope Labs.

“The choice of a high-quality cabling infrastructure represents an investment not only to meet the needs of today but also the demands and challenges of the future.”

The SYSTIMAX GigaSPEED XL Solution exceeds specifications of the ISO/IEC Classes and TIA Category 6 cabling standard even under adverse conditions. Components including cables, connectors and patch cords are carefully matched to give end-to-end performance far greater than that required by the standards. The extra performance allows certain design limits to be exceeded, making the network designer’s life simpler and responding to the requirements and expectations of users.

The GigaSPEED X10D Solution, installed in the systems center, offers even higher performance over UTP copper cabling. It supports 10 Gigabit Ethernet technology and fully meets the latest requirements defined by the IEEE 802.3an networking standard. The cabling also fully meets the ISO/IEC Class E<sub>A</sub> and TIA Category 6A cabling standards.

“The project carried out with the Verona Health Authority demonstrates CommScope’s know-how in a sector where solid and reliable technology is essential,” concluded Giampiero Sforte, “It is an important aid to the work of health professionals and, consequently, a benefit to the whole community.”