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Vienna University of Economics and Business meets demanding network infrastructure needs with CommScope connectivity solutions

“ We had to finish the new campus in a short time and meet tight project deadlines. We knew we could rely on CommScope and Syscom, based on our previous experience working with them. They completed this project successfully and on time.”

—Peter Mika, Head of Network Infrastructure, Vienna University of Economics and Business

With about 23,000 students from Austria and abroad, Vienna University of Economics and Business (WU) is the European Union’s largest educational institution for business and economics, business law and social sciences.

The university needed a next-generation infrastructure—the system of cables that carry voice and data—for its new campus when it opened in Fall 2013. Thanks to the SYSTIMAX 360™ solution from CommScope, the university meets speed and bandwidth requirements for all users and is well-prepared for future usage demands.



Building a reliable communication network that evolves along with WU

WU ranks among the top European business schools. With more students enrolling all the time, the university outgrew its campus in Vienna's Ninth District and moved to a 25-acre site in the city's Second District, near Prater Park. WU sought a high-performing network infrastructure that would meet current and future speed and capacity requirements and conform to international standards.

The university had used SYSTIMAX cables for 15 years at its legacy campus and had worked with CommScope and Syscom, a CommScope PartnerPRO™ Network provider, on the project, as well as other technology initiatives. WU officials knew they could rely on CommScope and Syscom to provide the most advanced SYSTIMAX 360 end-to-end solutions, including an Internet speed of 10 gigabits per second.

"We wanted the best solution available. CommScope was the logical choice for us since the company is a market leader in the UTP sector and has a 20-year warranty. We were also happy to use the VisiPatch 360 system for our campus project, because we were very satisfied with the performance and manageability of the solution in a pilot installation."—Peter Mika, Head of Network Infrastructure, Vienna University of Economics and Business

A professional, well-managed installation, from start to finish

The SYSTIMAX 360 solution includes GigaSPEED x10D®, high-bandwidth cable with a small footprint to increase rack space and airflow. Resistant to electromagnetic interference, GigaSPEED x10D cabling supports WU's most demanding applications from students, faculty and staff. It's also very easy to upgrade.

To meet transmission requirements, WU chose the InstaPATCH® 360 system from CommScope. InstaPATCH 360 is a factory-terminated and tested modular fiber connectivity solution that makes it easy to connect system components together. The university also purchased CommScope's VisiPatch® 360 system to integrate its voice and data networks. VisiPatch 360 features a compact cable management system that fits in vertical and horizontal spaces.

CommScope worked closely with Syscom to ensure a smooth installation of the SYSTIMAX 360 platform. Installers tested and certified all the cables to make sure they met the most exacting performance requirements, sharing the results with WU officials as proof that the network infrastructure performed as planned.



Opportunity for expansion

SYSTIMAX 360 provides students, faculty and staff with fast, secure and reliable connectivity throughout the WU campus. With this advanced solution in place, WU is poised to expand its infrastructure network to accommodate university requirements and emerging technology. SYSTIMAX gives WU the flexibility to upgrade immediately or in phases, depending on the university's needs and budget.

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