

University of California Santa Barbara's Growing Campus has Solved its Space Issue

UCSB (University of California, Santa Barbara) is one of the most sought-after universities in the United States to attend. It was ranked the eighth best public university and the 24th best global university in 2016 by the U.S. News and World Report. The institution is considered a Public Ivy university, meaning that students can get an Ivy League experience at a public university.

Educational excellence is not the only reason why students want to attend UCSB. The university is nestled along the pristine southern California coastline near the town of Isla Vista, 8 miles (16 km) north of Santa Barbara and 100 miles (160 km) north of Los Angeles. The 1022-acre (413.6-hectare) campus is located on some of the most breathtaking coastline in California. The university has more than 10 sandy beaches within a 15-minute drive and Santa Barbara has a burgeoning night life.

UCSB's sprawling campus has created several communication infrastructure issues. Many of the existing conduits are full, without any

room to add additional cables. With newly developed student housing and a 33-acre remote campus, located well outside of the footprint of the main campus, the university facilities are physically spread out. Older buildings and available space are scheduled to become new facilities for both departmental buildings and student housing. Communications Services will need to run new fiber optic infrastructures among these remote locations and existing campus buildings need more fiber to accommodate their bandwidth requirements. Connectivity has to be managed in a logical fashion.

R&M has been working with the IT department to help solve these issues. The RDS 4U panel with its splice cartridges offers the university a user-friendly platform to terminate fiber services. Splice cartridges offer clean splicing and termination solutions which can be serviced without disturbing other circuits. This technology also allows the user to add services to existing panels with available capacity. UCSB appreciates the RDS 4U's user-friendly design, which allows flexibility, as well as its robust construction.



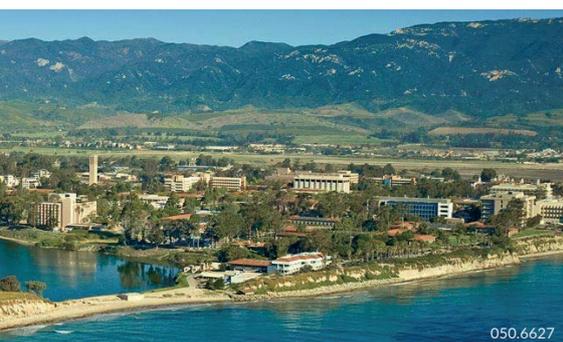
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The university has made the decision to move to ribbon and rollable ribbon fiber cable to maximize the amount of fiber they can install in their crowded conduits. High density patching will be required along with the deployment of this high capacity technology. UCSB is considering using MTP patching and breaking out individual circuits using a slave patch panel loaded with MPO to LC cassettes.

The R&M solution

- Sliding Chassis Patch & Splice Panel 4RU
- Splice Cartridge LC/UPC SM Duplex with internal shutter, ribbon fiber



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