



Kulm Hotel St. Moritz

Place of installation

Kulm Hotel, St. Moritz, Switzerland

Situated in the middle of the majestic Oberengadin mountains the Kulum Hotel has welcomed guests from all over the world for 150 years.

IT service provider



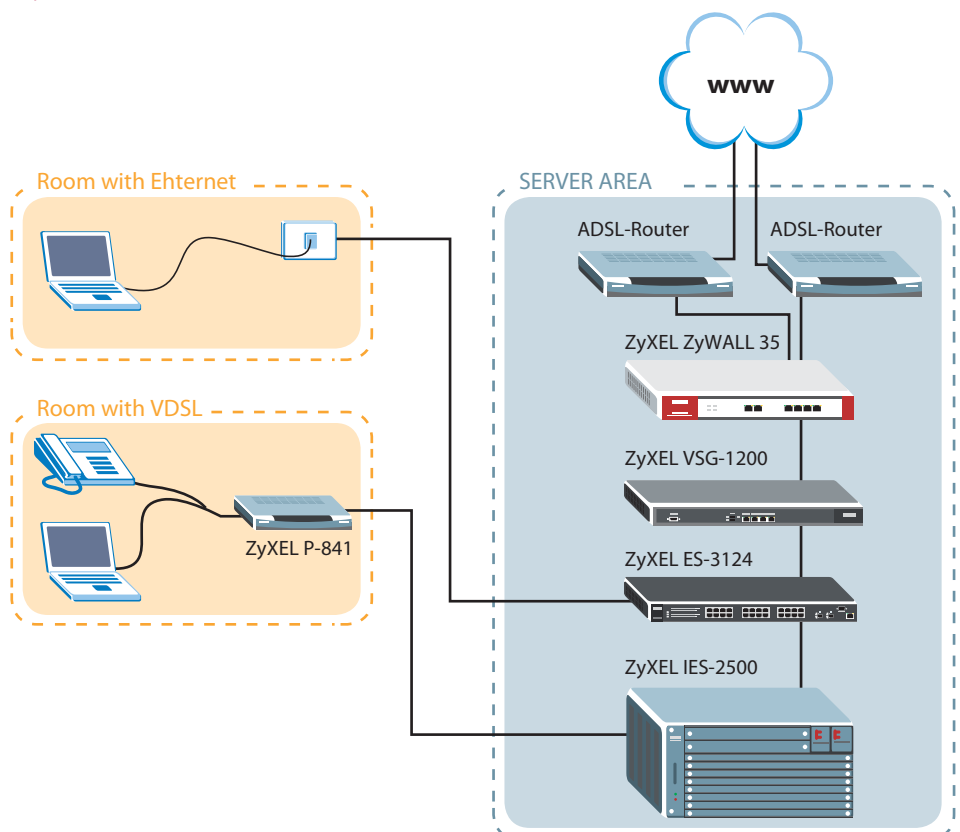
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«More than Five Stars» - this is how the prestigious Kulm Hotel in St. Moritz describes its quality aspirations. Thanks to VDSL the hotel now also provides the highest ease of access to guests who want to connect to the internet.

ZyXEL Solution



Providing all guest rooms with internet access, newer rooms via Ethernet, older ones via VDSL.

Initial situation

The luxurious Kulm Hotel has never had trouble accommodating guests needs. Yet recently, with the influx of guests with notebook computers and requests for internet access, a new form of hospitality was called for - one that combined traditional with modern elements. An efficient and user-friendly solution was needed.

Challenge

Equipping individual rooms seasonally with ADSL was not a long-term solution. After access via VDSL was successfully implemented during a test phase, all 173 guest rooms were connected this year.

ZyXEL Solution

Newer rooms were connected directly via Ethernet. In older rooms dual-use of the existing telephone lines for data and telephony was the ideal solution. For this, VDSL was used as the transmission technology.

The new internet solution is a big advantage for hotel guests, especially because they can access the internet without changing configurations for IP addressing (static/DHCP), DNS, Proxy an SMTP) on their notebooks. This is ensured by the ZyXEL VSG-1000 service gateway.

Advantages for the customer

Everything from one source! The entire project was realized with ZyXEL products. This included two ADSL routers for internet access, a ZyWALL firewall, a vantage service gateway for the hotel guests' plug & play functionality, a managed layer 2 Ethernet switch, an IP-DSLAM for distribution and the VDSL end devices. The project in Kulm Hotel was planned and realized by Pomatti AG from St. Moritz. The project manager is Ms. Corinne Ramseier. She successfully passed the ZNE examination in summer 2006 and is therefore the first woman to receive the ZyXEL network engineer title. Studerus Telecom congratulates her on this success!

Products used



ZyXEL P-841

VDSL Ethernet bridge

- up to 15 Mbps bandwidth
- transmission of data and telephony over twisted pair
- RJ-11 jack for telephone connection



ZyXEL VSG-1200

Service gateway for xDSL and/or wireless LAN

- user management for hotspots or xDSL
- enables internet access without changing IP addressing