

Administration of individual Internet accounts and billing for fees is carried out with Vantage Service Gateway VSG-1200. This is an access gate which, using built-in intelligence, allows hotel guests to access the Internet without having to change any settings in their computers. VSG 1200 offers reliable protection for users logging on, remote access, and administration. The gate supports VPN encoded operations, ensuring each guest secured access to his/her company's data. Use of Internet services can be flexibly billed according to preset billing tariffs for each minute, hour, or other parameters. Because the PMS interface is integrated into the VSG-1200 gate, it is possible to take advantage of cooperation with the hotel administration systems. In the case of Grandhotel Pupp, the Fidelio system is used.

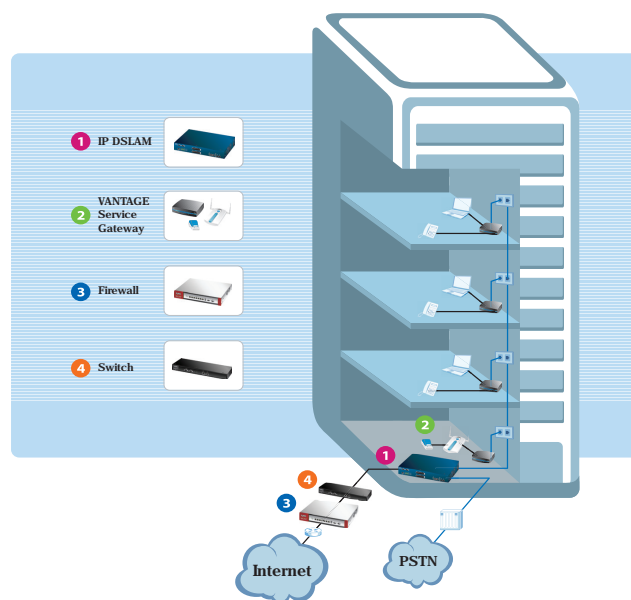
ZyXEL Solution

Key Benefits

- Unified billing, synergy with the Fidelio hotel system
- Fast implementation without the necessity of interrupting operations
- Use of existing wires
- Simple service and administration

Product Used

- 1 x IP DSLAM IES 5000
- 220 x ADSL 2+ modems/routers, P-660RU model
- 20 x ADSL 2+ modems/routers with Wi-Fi, P-660HW model
- 1 x ZyWALL 1050 firewall
- 1 x VSG-1200 v2 gateway for management



Integration With the Hotel Systems

The hotel's reception desk can bill for services directly to a room, or indirectly, with the help of printed tickets. Integration of Fidelio with the hotel system enables the reception desk staff to simply increase a guest's bill by the amount for connecting to the Internet. The system takes care of the connection with accounting. For connecting to the Internet, the receptionist sees the introductory page for logging on and a name and password are assigned. The interface makes it possible to print a ticket and activate Internet service without the necessity of an administrator intervening.

To connect all the rooms and common areas 220 high-speed ADSL 2+ modems/routers, the P-660RU model, were needed. They were installed in the rooms. The wireless part of the Internet connections in the Pupp Hotel was addressed by 20 ADSL 2+ Wi-Fi modems/routers, the P-660HW model. The heart of the entire system is the flagship of the IP DSLAM brand of ZyXEL – the IP IES-5000 model. DSLAM is a connecting element between a source connection to the Internet and the existing telephone network, which serves for distribution of the Internet to the individual rooms. SICONET ensures uninterrupted oversight of the system.

Summary

Grandhotel Pupp acquired fast access to the Internet in all its rooms in a short time without any limitation of operations or investment in new cables. The implementation was fast and avoided interrupting operations, as well as objections from preservationists, because the existing telephone lines were used. Servicing is very simple, and administrative interventions are not required for ordinary operation. In addition, there are substantial advantages in unified billing and the connection to the hotel's information system. For demanding clients, SICONET installed original holders for hooking wires to desks that look like crystal balls with the name of the hotel etched on the surface. This demonstrates not only the fairness of the delivery but also a commitment to detail. SICONET chose ZyXEL's equipment especially for its award-winning quality and easy technical installation.

About ZyXEL Communications

ZyXEL Communications Corp. (TSE: 2391), headquartered in Hsinchu, Taiwan, is the world's leading residential gateway provider and was recently ranked as Taiwan's First "Green Enterprise," and the second best "Green" Company in Asia (2007 CG watch, Asian Corporate Governance Association). ZyXEL's comprehensive Internet Protocol-based (IP) networking solutions include access multiplexers, customer premise equipment, Internet security and Wireless LAN equipment, enabling high-performance network services for SOHO, small to mid-sized businesses and service providers. ZyXEL works closely with worldwide network equipment vendors, telecommunications companies, ISPs, and other major businesses. For more information, visit the company's website at <http://www.zyxel.com>.