



Customer Profile:

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Europe's second largest hotel group, Louvre Hotels has a network of owned, managed and franchised hotels across various market segments and brands throughout Europe. Each brand is highly individual and corresponds to very different customer requirements. The group's brands can be grouped into two main segments: Luxury and Budget; the Luxury Division comprises the Hôtel de Crillon and Concorde Hotels; Resort brands; the Kyriad Prestige, Kyriad, Campanile and Première Classe brands make up the Budget Division. The group is already well established in France and also active throughout Europe. Whether it be for business or leisure, Louvre Hôtels offers a wide choice of hotels with catering, with top-quality service.

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- David Detrigne
Director
Detrigne Solution Conseil

Louvre Offers Wi-Fi services to Customers of Kyriad Hotels using D-Link Wireless and DSC solution

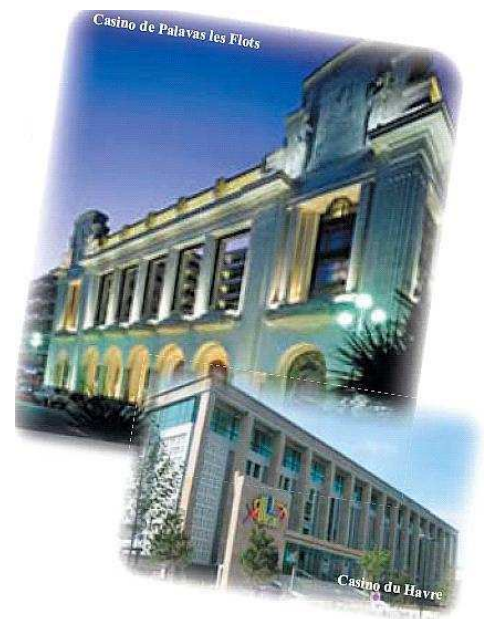
Background

The primary business of Société du Louvre is focused on two sectors of activity – the hotel industry and luxury goods. The hotel industry under the Louvre Hôtels group encompasses the luxury hotel branch and the economy hotel branch. The economy hotel branch of Louvre Hôtels owns well-known brands such as Campanile, Kyriad and Première Classe, and operates a network of more than 800 hotels and restaurants. The Kyriad hotels is the reason the Louvre Hôtels group seeks a computer network solution, and it is for them that the group proposes offering free Wi-Fi Internet access in answer to new requirements of consumers today. In search of a solution combining quality and performance, the persons in charge of the hotel chain chose the wireless solutions from D-Link.

Challenge

At the front of its casinos, Louvre Hôtels hope to offer to its customers, free Wi-Fi access, while at the same time respecting the law of January 23, 2006 on the retention of the data of connection. The law, which is aimed at fighting against terrorism, stipulates that within the duration of a year, suppliers of access to Internet must preserve the data of communication. Hence, any organization providing free Internet connection to the public, including hotels, is held responsible to preserve within one year, data relating to the communications of their users. Moreover, it is also necessary to ensure a total Wi-Fi coverage in each hotel to cater to all types of wireless users,

regardless of whatever its equipment (portable computers, PDA, smart phones, or others).



Solution

After an inventory of fixtures and a series of testing in 'live' environment, realized with the help of Detrigne Solution Conseil (DSC) and D-Link Technical Support, it is found that D-Link wireless range of *AirPremier* products is best suited for the environment, and in particular, D-Link DWL-3200AP access points. In providing a complete solution to address the technical Wi-Fi constraints faced by the Kyriad hotels, various access points were installed in each hotel to provide maximum coverage and connectivity between them to D-Link Smart Switch DES-1228P, making it possible electrically to feed the access points by the cable network. With this configuration, it is possible to deploy the access points exactly where the wireless coverage is needed

DES-1228P

24-Port PoE Ethernet Smart Switch



DWL-3200AP

Wireless 108 G Access Point



DES-1228P

- 24 PoE 10/100Base-TX Ports
- 2 Combo 10/100/1000Base-T/SFP for uplink to LAN
- 2 10/100/1000Base-T Ports
- Manage Up to 24 DWL Access Points
- 12.8Gbps Switch Capacity

DWL-3200AP

- 802.3af PoE Support, Plenum-Rated Housing
- Dual 5dBi Gain Antennas
- Operable in AP, WDS or WDS with AP Mode
- Multiple SSID/VLAN, 802.1Q VLAN Tagging
- Rouge AP Detection, WMM for QoS
- SNMP Management through D-View

CASE OBJECTIVE AND REQUIREMENTS:

- 1 Provide total Wi-Fi coverage in every Kyriad hotels
- 2 Provide free Internet access to all customers of Kyriad hotels
- 3 Ensure support for all mobile equipment to cater for all user type
- 4 Ensure solution conform to legislation for retention of communicated data within a year

without having to worry about its proximity to electrical connectors. The switch is then interfaced with a data capturing gateway developed by DSC to ensure the free Internet access provided to users conform to the legislated requirements pertaining to the fight against terrorism.

“As a result of combining the complementary wireless solutions from D-Link with our customizable data-capturing DSC box, the deployment of free Internet access for customers of Kyriad hotels has been made simple, thus providing a perfect answer to their needs,” said David Detrigne, Director of DSC. “With a

PDA or portable computer equipped with Web navigator, customers can now stay connected, regardless of the operating system they used, whether Linux, Mac OS, or Windows.”

Conclusion

With D-Link wireless solution, it is possible for the owner and provider of Wi-Fi facilities to prohibit peer-to-peer applications and remote loadings on protocols dedicated to hacking. In addition, D-Link's wireless solution also provides flexibility, performance, protection, and fast deployment.

