Jarvis Entertainment Group, Inc. Provides Reliable, High-speed Internet to the Del Lago Resort Using a D-Link Business Class Wireless Access Point Solution

D-Link Business Class Products Keep Del Lago Guests Connected to their High-speed Internet Connection from Virtually Anywhere in the 22,000 Acre Resort

Challenge: Based in Houston, Texas, Jarvis Entertainment Group, Inc. is an Internet technology and entertainment holding company engaged in a variety of innovative business segment ventures. One such undertaking, a massive wired lake project in Montgomery, Texas, sought to provide reliable, high-speed Internet access to the Del Lago Resort and Conference Center at beautiful and popular Lake Conroe. The Jarvis Entertainment Group had the resort building itself wired with broadband Internet access, but wanted to find a way to keep the Del Lago guests connected to the high speed-internet connection from any and every part of the resort, whether attending a conference or playing a round of golf or even while fishing and boating on the lake. Lake Conroe covers 22,000 acres, and finding a way to cover such a vast area, especially over water, posed an interesting problem for Jarvis. Undaunted and up to the challenge, Jarvis Entertainment Group set about searching for a viable wireless networking solution capable of providing reliable coverage over such an expansive area.

Solution: By focusing on crucial attributes such as dependability and price-point, the Jarvis Entertainment Group found the solution they were looking for in D-Link’s AirPlus DWL-900AP+ Enhanced Wireless Access Points for indoor use, D-Link’s AirPremier DWL-1700AP Wireless Access Point for outdoor use and D-Link’s AirPlus DWL-650+ Enhanced Wireless CardBus Adapters for accessing the network via notebook computer. Key factors within D-Link’s AirPlus products such as reliability over a large, multi-client network, ease-of-use for resort patrons, standards-based performance for interoperability and possible future upgrades along with D-Link’s commitment to low cost, facilitated Jarvis Entertainment Group’s successful high-speed Internet deployment project.

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- David Herr
Chief Technical Officer
Jarvis Entertainment Groups

Employees, visitors, and patrons now stay connected and enjoy wireless Internet access along with the other amenities and activities of the Del Lago Resort.
Conclusion: The Del Lago resort is now powered by more than 60 D-Link DWL-900AP+ AirPlus Wireless Access Points, DWL-1700AP AirPremier Outdoor Wireless Access Points and DWL-650+ AirPlus Wireless Cardbus Adapters, enabling wireless coverage to over three-quarters of the man-made 22,000-acre Lake Conroe. Resort patrons can travel to virtually any location within the Del Lago resort community (including the middle of the enormous lake) and connect their laptop computer to the Internet with a D-Link AirPlus DWL-650+ CardBus Adapter or any standard IEEE 802.11b/g Cardbus adapter. Access is obtained from Jarvis Entertainment Group’s state-of-the-art underground bunker, which provides wireless access, via D-Link’s AirPlus DWL-900AP+ Enhanced Wireless Access Points, directly back to the high-speed fiber transport to the Internet.

“We selected D-Link to help bring wireless connectivity to our wired lake project because of their product advantages and our experience with their reliability,” said David Herr, Chief Technical Officer of Jarvis Entertainment Groups. “D-Link’s long history of creating great products at affordable prices made them the only choice for this complex project.”

The Del Lago Lake Conroe hotspot, operated by Jarvis Entertainment Group and powered by D-Link AirPlus Access Points and Laptop CardBus Adapters, is the largest wireless Internet hotspot in the entire state of Texas.

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PRODUCT FEATURES:

**DWL-1700AP 2.4GHZ (802.11B)**
- IDEAL FOR CREATING INTERNET HOT SPOTS
- RUGGED OUTDOOR HOUSING
- ENHANCED SECURITY WITH 802.1X AND BUILT-IN FIREWALL
- EASY TO INSTALL

* Maximum wireless signal rate based on IEEE Standard 802.11b specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

An aerial shot of the beautiful conference facilities and grounds as well as the full service boating slip. To the north you can see the plush 18-hole golf facilities.