

D-Link Scores Again: Network Solution for Hungarian Football Stadiums



EXECUTIVE SUMMARY

Client	The Hungarian Football Federation
Industry	Sport
Location	Budapest, Hungary
Challenge	Wireless solution for nine stadiums and clubs across Hungary
Solution	Switches, wireless controllers and APs to cope with even the busiest of peak times
Results	A cost-effective network solution across nine locations

The Hungarian Football Federation is the governing body of football in Hungary. It organizes the Hungarian league and the Hungarian national team. Additionally, it is responsible for stadiums and football clubs across the country. Just like any business, they need to respond to demands for better connectivity as bandwidth requirements increase.

Challenge

Stadiums are extremely challenging environments for providing stable & reliable Wi-Fi coverage. Both network and client density can be extremely high, especially during match times. With many users simultaneously uploading videos and pictures, the network can slow down to a crawl.

Solution

For the core switching, the DXS-3600 24-Port Layer 3 Stackable 10G Fiber Managed Switch was selected for its 10G fiber capabilities so as to keep up with peak time demand. Furthermore, hot-swappable fans and two hot-swappable power modules meant high degrees of redundancy, to avoid any unwelcome surprises.

The DWC-2000 Wireless Controller was utilized for its ability to be at the heart of large Access Point deployments. It can manage up to 64 APs, straight out of the box. Secondly, it supports multiple SSIDs and guest captive portal. Segmenting guests acts as an extra level

of security for the entire network, as well as keeping bandwidth open for mission-critical functions. Guest Captive Portal data capture can be further used to drive business.

To provide a stable and powerful wireless network, the DWL-8610AP Unified Wireless Dual-Band Access Point was brought into play. Combined with the Wireless Controller, it is able to provide a seamless network, enabling people to move about freely without losing connectivity. It also has throughput of up to 1750 Mbps to cope with even the busiest peak times.

Result

A cost-effective switching and wireless solution for nine stadiums and clubs across Hungary.

Happy football fans who can now share videos and photos of the game, while it happens.

Products & Services

- DXS-3600 24-Port Layer 3 Stackable 10G Fiber Managed Switch
- DGS-3620-28TC 28-Port xStack L3 Managed Stackable Gigabit Switch
- DGS-3420 28-Port xStack L2+ Managed Stackable PoE Gigabit Switch
- DWC-2000 Wireless Controller

- DWC-1000 Wireless Controller
- DWL-8610AP Unified Wireless Dual-Band Access Point



DWL-8610AP



DGS-3620-28TC



DWC-2000 Wireless Controller