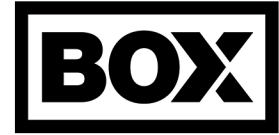


Comprehensive warehouse and shop-front wireless network for an online e-tailer in the UK



EXECUTIVE SUMMARY

Customer	Box Ltd
Industry	Retail
Location	UK
Challenge	Warehouse, office and shopfloor wireless
Solution	DWC-1000, DGS-1210, DWL-8610AP and DWL-6610AP
Results	Improved customer service and communication Feature rich wireless network

Box.co.uk is a UK electronics retailer with over 1 million customers of which 96% would buy again, providing consumers with confidence in their expert knowledge and efficient service every step of the way.

They stock thousands of products from 4k TV's, laptops and custom-built gaming PC's, to 3D printers, projectors and mobile phones. Box's aim is to make tech easy, simple to buy, receive, own and enjoy. Their mission is to bring their customers the best deals from all the leading brands.

Challenge

To deliver a robust and scalable Wi-Fi network to meet all current and future needs. Providing seamless roaming wireless across the warehouse and office teams while segmenting the network to ensure that security and data remains safe and secure. Additionally, providing customers to the showroom a separate guest network and throughout the premises. Fast roaming capabilities were paramount to ensure that forklift drivers were able to scan and update the inventory system in real time, promoting better productivity and efficiency.

Solution

D-Link provided a complete End-To-End networking infrastructure which included switching and wireless with power over Ethernet functionality and hardware control.

- The DWC-1000, a centralised wireless

manager developed specifically for SMB and SME that are looking for an easy to use scalable solution to manage and configure their wireless network.

- D-Link access points such as the DWL-8610AP, DWL-6610AP and DWL-6610APE were deployed for a state of the art wireless unified solution, enabling the business to create the fastest wireless network possible, with PoE incorporated as standard. The access points were deployed in the warehouse environment effectively, chosen to improve the range of broadcast in the warehouse and office areas.
- DGS-1210 series switches were implemented to provide enhanced PoE power for 802.3at powered devices such as the DWL-8610, allowing for up to 30 watts of power per port, providing a cost-efficient and flexible solution for expanding the network.

Result

The D-Link network solution delivered a feature rich wireless network ready for future expansion if required, resulting in enhanced stock management and streamlined scanning performance and improving the communication across the whole business.

Products & Services

- DWC-1000
- DWL-8610AP
- DWL-6610 series
- DGS 1210 series



DGS-1210 Series



DWL-8610AP



DWL-6610 series



DWC-1000

"Our new wireless network has exceeded our expectations – allowing us to make sure the team in the warehouse can carry on their day to day activities, eliminating any issues we were having before". Box - 2019