

11.4 APPENDIX

Wireless Policy



WI-FI Policy Introduction:

The purpose of this section is to guide brand partners wishing to deploy Wi-Fi equipment in the Centre. The policy enables and encourages Wi-Fi equipment to be safely installed and operated without causing significant interference

to the Wi-Fi systems deployed by the landlord or brand partners in other retail units.

The aim of the policy is to:

- Reduce interference from brand partner Wi-Fi systems to the Landlord Wi-Fi system;
- Reduce Interference from brand partners Wi-Fi systems to other brand partner Wi-Fi systems.

Summary:

One of the most popular forms of wireless, Wi-Fi, operates in an unlicensed part of the wireless spectrum – anyone can purchase and deploy a Wi-Fi system. As a result, interference can be caused by the close proximity of numerous Wi-Fi systems in a busy multi-tenanted environment such as a shopping centre.

The result can be significant degradation of services provided through the Wi-Fi systems. To avoid conflict and interference between these Wi-Fi systems and ensure the continued functionality of all Wi-Fi systems, Landsec have adopted a Wi-Fi Policy, details of which are described in this document.

Policy:

The following policy requirements shall be followed by brand partners during the design, deployment and operation of their WiFi networks.

- Wi-Fi access points shall have adjustable power level functionality which will be set to provide coverage in the brand partner demise only. Any coverage 'spillage' into adjoining landlord and brand partner areas shall be negligible and shall cause no or minimal interference in these areas.
- Wi-Fi access points with internal omni-directional antennas shall be deployed unless specifically agreed with the Centre Management Team.

The following Wi-Fi channel planning policy shall be adopted:

- 2.4 GHz usage is restricted and shall only be used after approval from the Centre Management and Landsec Building Systems Support teams;
- Brand partners shall use the 5 GHz Band A - 5150 - 5350 MHz (channels 36 - 64). Any additional channel requirements shall be sent to the the Centre Management and Landsec Building Systems Support teams for approval.
- The Landlord shall use the 4 GHz Band B - 5470 - 5725 MHz (channels 100 - 140).
- All parties shall enable Dynamic Frequency Selection (DFS) on their Wi-Fi systems.

- The naming scheme for brand partner Wi-Fi systems SSIDs shall contain the name of the brand partner along with the associated purpose of the SSID. Culturally sensitive and appropriate naming conventions shall be used at all times. The Centre Management team reserves the right to request a name change in the SSID at any time if it is deemed offensive.
- The brand partner shall advise the landlord of any Wi-Fi or non-Wi-Fi equipment used by the them within the Centre for radio communications, specifically those working in the 2.4GHz and 5GHz frequency ranges. This shall include any hidden SSIDs as well.
- Brand partners shall provide any technical assistance required by the landlord to assist in mitigating or troubleshooting RF congestion and/or interference in the Centre.
- All brand partner Wi-Fi equipment shall be set to work within the UK regularity domain requirements.
- All brand partner Wi-Fi equipment shall be installed and operated in compliance with all relevant health and safety policies.

Periodic Wi-Fi audits will be carried out by the Centre to verify brand partners comply with the Wi-Fi Policy. Non-conformance will be notified in writing to the brand partner and shall be complied with within 30 days of the written request.