

# Sands expo wireless router usage policy

---

The Sands expo does not prohibit the use of wireless routers or access points by exhibitors. If you would like to use a wireless router or access point in your booth, please observe the following rules:

1. You should use reliable, new (no more than 3 months since purchase), equipment from a trusted manufacturer. Cisco (Linksys), D-link, Netgear, and Belkin are examples.
2. You must be able to configure and troubleshoot the equipment in your booth including the devices (laptops, phones, tablets, etc...) that are connected to it.
3. If you do not have the technical knowledge to configure and support the devices that you bring it is strongly recommended that you hire someone to do this for you. SES does not provide support or configuration assistance for devices that we do not own.
4. Your equipment should be accessible to the house network team. Please choose a location in your booth that is free from obstructions like bags, trash, boxes, and other equipment. If the house network team cannot access your equipment or the main internet drop for testing they will not be able to assist with possible issues.
5. When using a wireless router the following configurations must be used:
  - A. You must use a unique SSID (not the default SSID) and if possible it should not be broadcasted (use a hidden SSID).
  - B. Set 2.4Ghz (b and g radios) to channel 1 (one). All other channels are for use by the house network. All radios found outside of channel 1 may be removed from the network.
  - C. NEVER use channel bonding. All devices found using channel bonding will be removed from the network.

- D. Always use a passkey or password, preferably WPA-2 or stronger. Routers with open wireless networks may be removed from the network.
- E. Whenever possible use static IP addresses for your connected devices, if you choose to use DHCP, please avoid using the IP ranges 192.168.8.0 to 192.168.31.255 in order to prevent double NAT from occurring. The house will not make any changes to the IP range that is being used, so this must be done on your equipment.
- F. All firewalling, access control, and virus protection are your responsibility. The house network does not use a firewall and we do not block any ports. Any devices found to be harmful to the house network or disruptive to any other exhibitors or guests may be removed from the network.
- G. Wireless power settings should be adjusted to the lowest level possible. On most SOHO routers this will be medium which should be sufficient for most exhibit booth sizes. If your booth is very large (100' X 100' or larger) you may need to use a slightly higher setting.
- H. Place the router as close to the devices that will be using it as possible. If the router is in a closet in the back of your booth devices may not be able to connect to it.