

Understanding WiFi Interference

WiFi broadcasts on the unlicensed wireless spectrum utilizing 802.11 standard is not regulated by the Federal Communications Commission (FCC). Unlike licensed wireless cell phone carriers which operate on an exclusive broadcast spectrum, there are many external devices that can interfere with the WiFi that is broadcast in this facility.

Smart City strives to provide seamless WiFi coverage but there are unique physical and security challenges for conventions and large meeting facilities. Users may experience some difference in connectivity compared to a private home WiFi network or public unsecured WiFi network.

Below is a list of devices that can cause interference with WiFi broadcasting.

Well-Known WiFi Interference Devices

(commonly found devices on the exhibit floor)

- 3rd party access points of all kinds
- Ad-hoc Networks
- Tablets
- Personal Computers
- Devices utilizing personal Hotspots
- Smart phones
- Notebooks
- MiFi Hotspots

Additional Devices That May Cause WiFi Signal Interference

- Baby monitors
- Bluetooth devices
- Cordless phones (2.4 GHz and 5.8GHz)
- Medical devices
- Microwave ovens
- Portable two-way radios
- Remote car starters
- Remote controls utilizing radio frequencies
- Select sewing machines
- Smart appliances
- Video senders
- Wireless keyboard and mouse
- Wireless printers
- Wireless security cameras
- Wireless speakers
- Zigbee networks

HAVE QUESTIONS?

For questions regarding wireless services or any of the other wired Internet and telephone services we provide, please call Smart City at 619-525-5500 or visit www.smartcitynetworks.com



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