



TECHNICAL REQUIREMENTS FOR EXHIBITOR OWN WIFI ACCESS POINTS

This year we have made improvements on the WiFi network throughout the whole building at Austria Center Vienna. Your Congress will get to enjoy this improved WiFi network services. To ensure exhibitors get a much better experience when using WiFi within the halls, H82 medientechnik GmbH will be implementing the following changes:

If you wish to install a WiFi network within your stand, you can purchase bandwidth from H82 medientechnik GmbH and then either rent Access Points from H82 medientechnik GmbH or you can install your own Access Point(s). If you are planning to bring your own Access Point(s), the equipment must fulfill the following requirements:

- **Adjustable Power Transmitter**

WiFi Access Point must provide adjustable power transmitter. The available power settings must cover at least the range from: 0dBm (1mW) to 14dBm (25mW), and must be set by default to 5dBm.

H82 medientechnik GmbH will have an on-site team during the event to ensure that all Access Points are transmitting at a power level within the range and that there are no rogue transmitting sources which may cause interferences. The on-site team reserves the right to go directly to the exhibitor and ask to power up or down, and/or change their assigned channel at any moment during the show.

- **Interfaces**

The WiFi access point must have at least a 10/100BASE-T autosensing port (RJ-45).

- **Dynamic Frequency Selection**

If the WiFi access point supports this feature, it must be **disabled**. The WiFi access point must work over a fixed channel.

- For 2.4 GHz the channel must be 11.
- For 5 Ghz the channel must be 40.

- **Data rate supported**

802.11a: 12, 18, 24, 36, 48, and 54 Mbps



802.11g: 11, 12, 18, 24, 36, 48, and 54 Mbps

802.11n: from 11 up to 104 Mbps

- **IEEE 802.11n**

Only 20MHz channels are allowed

- **Compliance**

IEEE Standard: at least one of the following, IEEE 802.11b/g, IEEE 802.11a and/or IEEE 802.11n

Minimum security: Wi-Fi Protected Access 2 (WPA2) or WPA (TKIP/AES)

Radio approvals: EN 301.489-1 and -17, EN 300.328, EN 301.893

Safety: EN 60950-1

H82 medientechnik GmbH may be using an advanced monitoring system to monitor all access points. This system has the ability to cancel the signal and will disable all Access Points which have not been disclosed within the Venue's WiFi Policy. This will be a last resort after efforts to contact the stand has been made.

We trust that you will enjoy the benefits of this WiFi network.

H82 MEDIEN TECHNIK GMBH.

NOTE: H82 medientechnik GmbH recommends exhibitors to use H82 medientechnik GmbH's WiFi Access Points as they will meet the requirements stated above. By placing an order with H82 medientechnik GmbH or bringing your own AccessPoints you accept this policy and state to fulfill all mentioned requirements.