

Wi-Fi Policy Acceptance Form

Deadline is 12-August-2017

All fields marked with a red * are mandatory

Event *	Stand number *	
Company name *	Contact name *	

Fira de Barcelona's Wi-Fi Policy Summary

This Policy aims to enforce the Wi-Fi rules for exhibitors

Fira de Barcelona has taken an active approach to wireless interference at the venue in order to provide the most reliable Wi-Fi infrastructure for exhibitors.

Previous experience has shown that, when multiple wireless networks are sharing the same airspace, all wireless users are susceptible to wireless (RF) interference. This can lead to a loss of connectivity, slow network traffic and poor performance. In such a dynamic environment where events are built up, started, finished and dismantled in a matter of days, interference from wireless networks is a considerable issue.

Due to radio technology limitations, Fira de Barcelona has decided to focus on rules and communication in order to improve the Wi-Fi availability and quality within the exhibition areas.

Exhibitors who need Wi-Fi within their stands have the possibility to contract a service from Fira de Barcelona (OPTION A) or to bring their own Wi-Fi equipment (OPTION B). For those who decide to bring their own Wi-Fi equipment (OPTION B), exhibitors will have to follow some strict rules, apply the necessary technical settings to their equipment and pay a technical fee for the configuration of Fira de Barcelona's technical infrastructure.

During the event, Fira de Barcelona will have an on-site team who will manage and keep the airspace as interference-free as possible by locating and removing unauthorised wireless sources. Fira de Barcelona reserves the right to shut down exhibitors' unauthorised wireless sources, disconnect Internet access services and/or apply any further actions considered necessary. Disconnections will only happen after warning the exhibitor first.



OPTION A

I will order Internet services from Fira de Barcelona (Wi-Fi or Cable)

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- 1. I hereby confirm I have read and agree to the Fira de Barcelona Wi-Fi Policy.
- 2. I hereby confirm I will not install any Wi-Fi networks at any time during the show.
- 3. I understand I am not allowed to install and connect any Wi-Fi access points to the Internet access hardlines provided by Fira de Barcelona, other than those Wi-Fi access points provided by Fira de Barcelona.
- 4. I understand I am not allowed to install any portable Wi-Fi access points at any time during the show without Fira de Barcelona's authorisation. This includes USB dongles and mobile phones.
- 5. I understand and accept that Fira de Barcelona will not process any orders for IT services until having received the completed Wi-Fi Policy form.
- 6. For exhibitors ordering Wi-Fi, to ensure that users can take best advantage of our Wi-Fi network, please ensure that you are using a 5GHz enabled Wi-Fi device.

NOTE: for exhibitors ordering Wi-Fi, once the order is completed, Fira de Barcelona will provide you with the username and password for the Wi-Fi in order to connect.

I agree to all the terms and conditions listed above.

	Signature	
Name:		
Job position:		
Date:		



OPTION B

I would like to install my own Wi-Fi network

Requirements for Installing Exhibitors' own Wi-Fi Access Points

In the case that the exhibitor cannot use the Wi-Fi service from Fira de Barcelona due to technical reasons, this option allows the exhibitor to check if they are a candidate to bring their own private Wi-Fi networking equipment to the stand. Signing and agreeing to this option will not allow the exhibitor to bring their own access point, the request is only valid when the exhibitor reaches an agreement with the Fira de Barcelona IT technical department. The requirements must be strictly followed to ensure compatibility with Fira de Barcelona's IT infrastructure.

Wi-Fi access points must provide adjustable power transmission. The available power settings must cover at least the range from: 0dBm (1mW) to 14dBm (25mW) and must be set by default to the minimum value.

Fira de Barcelona will have an on-site team during the event to ensure that the **exhibitor's SSID will not be seen broadcasting at higher than -75dBm at their neighbours' stands.** The on-site team reserves the right to go directly to the exhibitor and ask them to increase or decrease the transmission power and/or change their assigned channel at any moment during the show if the exhibitor does not comply with the terms and conditions stated within the Wi-Fi Policy.

Dynamic Frequency Selection

If the Wi-Fi access point supports this feature, <u>it must be disabled</u>. The Wi-Fi access point must work over a fixed channel which Fira de Barcelona will assign.

<u>Data rate supported</u> 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 802.11b must be disabled IEEE 802.11n and 802.11ac Channel bonding is not permitted, only standard 20MHz channels are allowed.

<u>Compliance</u> IEEE Standards: IEEE 802.11g/n, IEEE 802.11a/n (IEEE 802.11b is not permitted) Minimum security: WEP, Wi-Fi Protected Access 2 (WPA2) or WPA



SSID

Please fill in the SSID (network name) field below, select which frequency/frequencies your SSID will be broadcasting in and indicate how many access points will be broadcasting the SSID.

SSID	TECHNOLOGY	Num. of APs
	🗆 802.11a/n (5Ghz) 🛛 802.11g/n (2.4Ghz)

Channels

The exhibitor's own Wi-Fi equipment must be configured on these channels:

- Channel 1 on the 2.4GHz frequency band
- Channel 44, 48 and 52 on the 5GHz frequency band

Other channels must not be used. Fira de Barcelona´s on-site team will make sure exhibitors follow this important rule.

- 1. I confirm that I have read the documents *Fira de Barcelona Wi-Fi Policy* and the *Technical Requirements for Exhibitor's Own Wi-Fi Access Points* and that I will follow the terms and conditions stated within.
- 2. I understand that I must inform any suppliers, which I may use for Wireless LAN services, of this policy so that the details of our proposed WLAN setup can be disclosed to the Fira de Barcelona IT department.
- 3. I understand that this policy is related to all 802.11 Wi-Fi devices, which include Wi-Fi capable mobile phones (Mi-Fis).
- 4. I understand and accept that if I operate outside of the parameters stated within the *Technical Requirements for Exhibitor's Own Wi-Fi Access Points* document, my Wi-Fi access point(s) will be removed and/or disconnected.
- 5. Given that air is a shared transmission space, I understand that the venue does not offer any service level agreements (SLAs) etc. for wireless LAN services.
- 6. I have completed the SSID table above and agree to the conditions within this document. I understand that these are obligatory to complete before Internet IT services can be confirmed by Fira de Barcelona.
- 7. Exhibitors must purchase the product: LICENSE TO BRING YOUR OWN WI-FI through Fira's ecommerce website or onsite at the exhibitor service desk.

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I agree to all the terms and conditions listed above.

	Signature	
Name:		
Job position:		
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OPTION 7

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