Wireless Local Area Networks (WLAN) and Internet

This leaflet contains explanatory notes on section 6.10.5 of the Hamburg Messe und Congress GmbH Technical Guidelines for Trade Fairs and Exhibitions.

WLAN

General information on the operation of wireless local area networks (WLAN)

Hamburg Messe und Congress GmbH operates a state-of-the-art WLAN system at the exhibition ground in Hamburg covering the entire site.

Conditions governing the set-up and operation of WLAN systems by exhibitors

WLAN connections may only be set up and used for your own booth. The transmitting power is to be adjusted to this specific purpose and range. The power emitted at the edge of the booth must not exceed the maximum limit of 80mW. Permission may not be granted to third parties to use the connection, including the operation of unencrypted networks. Exhibitors intending to operate their own WLAN must notify Hamburg Messe und Congress GmbH before the start of the event.

The WLAN must comply with the WLAN standard in the 2.4 Ghz band in accordance with IEEE-802.11g / IEEE-802.11n with a maximum signal width of 20MHz (144 Mbit/s). Channels 1, 6 and 11 are the only channels which may be used.

The only routers which may be used are WLAN routers in the 5GHz range with DFS and TPC function.
Channel bonding is not permitted.
Exhibitors must use an SSID (network name) to identify the WLAN, duly allowing the network to be traced back to the hall and booth number (ExhibitorNameHallBoothNumber). Should this duty of identification be neglected, the operator of Hamburg Messe und Congress GmbH may be charged for a WLAN locating process.
Hamburg Messe und Congress GmbH shall check that all the requirements have been met during the event and during assembly and disassembly. Exhibitors failing to register their own WLAN systems shall incur an additional charge for the late inclusion of the networks in the WLAN management system.

If the systems have been registered but the WLAN configuration specification is not met, the requested changes must be made. Further costs will be incurred if the network has to be configured by Hamburg Messe und Congress GmbH.

If other networks and/or the in-house WLAN network is disrupted by a WLAN operated by an exhibitor, Hamburg Messe und Congress GmbH shall be entitled to ask the exhibitor to change the parameters, to register the WLAN and, if the problems persist, to disconnect the WLAN. In case of serious violations and/or major disruptions, the exhibitor's entire data link may be temporarily or permanently disconnected. The costs of taking this action and the full costs of the Internet connection and any optional services associated therewith will be passed on to the exhibitor in any event.

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Please ask if you need help or advice!
HMC Service Desk Tel: +49 40 3569- 7777, Fax: +49 40 3569- 69 2700 e-mail: servicedesk@hamburg-messe.de
This leaflet is for explanatory purposes. The statutory regulations apply.

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In case of any breach of the above rules, Hamburg Messe und Congress GmbH also reserves the right to issue a blanket ban forbidding the exhibitor to operate the offending WLAN or any other WLAN.

Equipment approval

Any equipment which is to be connected must comply with the telecommunication type approval ordinance and be approved by the regulatory authority for telecommunications and postal services.
Approvals are issued by the Federal Network Agency:

Bundesnetzagentur
Sachsenstraße 12, D-20097 Hamburg
Tel.: +49-(0)40/23655-0
email: poststelle@BNetzA.de
Internet: http://www.bundesnetzagentur.de/
In the absence of the necessary approvals, the relevant connections will be cut off at the expense of the relevant parties.

Internet access

The Internet connections are based on an existing campus network which is linked directly to the Internet provider with direct high-performance connections with multi-gigabit data throughput rates. All the Internet connections are linked to this network, based on Ethernet switching technology, and are offered as an all-in flat-rate package linked all the way to your booth inclusive of unlimited online use and data transfer volumes. The line termination takes the form of a pre-configured switch with at least three LAN RJ45 ports. The IP address in the LAN is assigned via DHCP (private range).

Security & Service

Hamburg Messe und Congress and its service providers make every effort to ensure the reliability of the campus network, building in a high degree of failure safeguards and catering for the requirements specific to the various events. It is not possible to issue a full guarantee of 100% availability and Internet access bandwidth. Furthermore, HMC and its service providers have no control over the routing within the Internet and the performance at or beyond the transfer points to outside providers.

Any terminal equipment which is connected must be guaranteed not to adversely affect the operation of the Internet platform. Due regard must be had to the latest recommendations issued by the vendor and other relevant information with regard to service and security level. HMC reserves the right to disconnect ports and sockets or entire connections if the failure-free operation of the platform is put at risk by the equipment which is connected. The disconnection shall take place 30 minutes after a telephone call has been made calling for the fault to be remedied. The disconnection may go ahead without prior warning if the operability of the Internet platform is in serious jeopardy.

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