

550

Connectivity

Networking is everything

Thanks to state-of-the-art IT installations, event organisers and guests can make use of our extensive **WLAN and LAN connections**. The individually configurable connections are not only very fast, but also meet the highest security standards.

Halle 550 offers organisers of corporate and private events complete flexibility. If you would prefer not to organise every aspect of your event by yourself, we would be happy to provide the services you need. On request, we would be pleased to take care of the event concept, architecture or scenography. We can also oversee the coordination between different service providers on your behalf.

We are happy to accept orders up to 4 weeks before the event.

Get in touch with us today – we would be delighted to help!

Contact

Halle 550

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External IT Contact

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Quick Facts

- Managed **event IT network** with support
- Redundant **Internet access** up to 10Gb/s
- High Density **WLAN** throughout the hall
- Single mode **fiber optic cabling**
- **Network connections** arranged over the entire surface
- **Interconnection** of Halle 550, StageOne and Chicago 1928

550

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Event-IT und Connectivity

WLAN

Basic equipment (included)

- Area-wide high-density WLAN in hall parts A, B and C with a capacity of up to 3500 clients
- One existing SSID with access to the Internet
- Roaming in hall parts A, B, C (hall part D on request)
- Best Effort (no data throughput limitation)
- Support of WLAN standards 802.11g/n/a/an/ac
- Frequency band 5GHz, channels 36-64, 100-140
- Frequency band 2.4GHz, channels 1-13
- 20MHz per channel
- Authentication via portal
- Encryption WPA2/AES

Possibilities (on request via Lesswire)

- Individual SSIDs
- Coverage of hall part D and outdoor areas
- Extension of WLAN to StageOne and Chicago 1928
- Support of WLAN standards 802.11b
- Channel bonding up to 40/80MHz for higher throughput/device
- Authentication with Google, Facebook, Azure, SMS, Voucher, Personal WiFi, Self Registration, Radius
- Individual data throughput priorities

Internet access

Basic equipment (included)

- Synchronous bandwidth of 2Gb/s with Y-redundancy via UPC Business

Possibilities (on request via Lesswire)

- Increase bandwidth up to 10Gb/s, even during the event
- Adding further accesses, e.g. Swisscom Event-Kit
- Additional protection with LTE accesses from Swisscom and Sunrise
- Public IP addresses

LAN

Basic equipment (included)

- Full-area LAN connections (1Gb/s) in hall parts A, B and C with access to the Internet (hall part D on request)

Possibilities (on request via Lesswire)

- Strategically positioned LAN switches (10Gb/s) in halls A, B
- Star-shaped, redundant single mode fiber optic cabling
- Central patch panels
- Unmanaged switches and NAT routers brought in by the customer can be connected to the Halle 550 network
- Individual VLANs
- Multicast for real-time media (AES67, DANTE)
- Quality of Service (QoS, DSCP, DiffServ)
- Extension of LAN connections to hall part D, the outdoor areas, corridors and staircases

550

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Security

Basic equipment (included)

- Central firewall cluster with standard rule set and intrusion detection system

Possibilities (on request via Lesswire)

- Traffic Shaping
- Content Blocking
- VPN (IPSEC, OpenVPN)
- Remote Access
- Cloud/Hybrid Setup
- Individual rule sets for e.g. port forwarding
- Complete ‚bypassing‘ of in-house IT infrastructure with customer-owned infrastructure

Managed IT-Support

Basic equipment (included)

- 1st level support during set-up/dismantling and the event by Halle 550-Haustechnik
- 2nd level remote support by Lesswire
- Real-time statistical data

Possibilities (on request via Lesswire)

- On-site IT helpdesk and on-site support by Lesswire
- Individual, detailed statistical evaluations

ICT Equipment

As a rule, you bring your own ICT equipment. If something is missing or you need additional ICT equipment, Lesswire offers a variety of current devices on a rental basis, which are already integrated into the Halle 550 network and can be and can be used immediately.

- CopyCenter A4/A3 Color
- Laser printer, A1 plotter
- WLAN adapters
- Unmanaged and managed switches

Application

You have the choice: You bring your solutions yourself and use the infrastructure of Halle 550, or you use proven solutions from our IT partner that are already integrated in Halle 550. We will be happy to advise you on the right choice.

- In-house TV (IPTV) with connection to Halle 550 event technology
- People counting system
- Network cameras (CCTV)
- Voting system
- Registration system
- Accreditation system