



Infosheet

Internet Beurs van Berlage

Amsterdam Conference Centre
BEURS VAN BERLAGE



Amsterdam Conference Centre Beurs van Berlage has an internet infrastructure that can be used for events for guests.

This ultra-modern infrastructure is executed twice, equipped with professional active components (router, firewall, switches) and connected to two fiber optic networks, ensuring a high level of speed and reliability. Switches and Routers are the backbone of the network. They are continuously monitored and configurations can be made remotely or locally.

The Beurs van Berlage works together with H&S Computerservices, an ICT company specialised in (large-scale) ICT solutions for events. All special configurations, extensions of the system, whether or not by means of fiber optic connections are possible.

State-of-the-art network

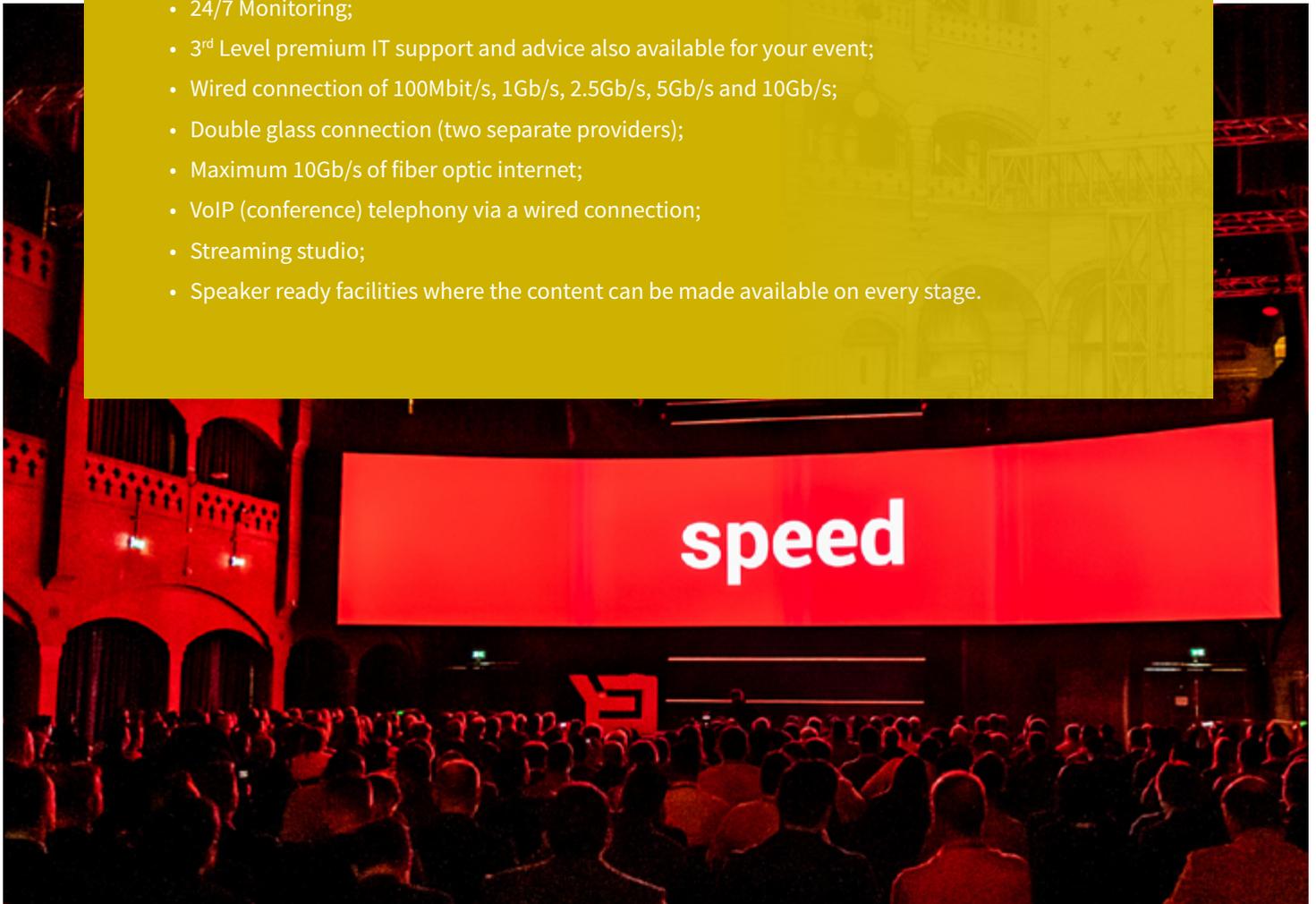
Routers provide the (secure) link between the network at the Beurs and the Internet. The network is accessed by different routers (load balancing and redundancy).

The network runs throughout the building, using new shielded cabling (Cat6A F/FTP) and Single mode Fiber Optic. This network forms the basis of the digital facilities. In addition, professional wireless WiFi 6 transmitters have been installed in various places that can be used for events on request. These wireless facilities can handle large numbers of users at once.

The transmitters can be customised and tuned by us to your liking, so that we can serve any event in terms of internet. The fiber optic internet providers are Signet and Eurofiber.

Internet infrastructure

- The future of IT already available today: new, reliable and fully implemented;
- More than 6 km of high-quality shielded Cat6a F/FTP cabling;
- A fiber optic backbone, redundant of 20Gb/s;
- Very powerful routers, firewall and switches;
- 105 WiFi 6 Access points with MultiGig connections on the event floor;
- 24/7 Monitoring;
- 3rd Level premium IT support and advice also available for your event;
- Wired connection of 100Mbit/s, 1Gb/s, 2.5Gb/s, 5Gb/s and 10Gb/s;
- Double glass connection (two separate providers);
- Maximum 10Gb/s of fiber optic internet;
- VoIP (conference) telephony via a wired connection;
- Streaming studio;
- Speaker ready facilities where the content can be made available on every stage.



Latency

Latency is the term for delay on the network and is expressed in milliseconds. The time delay depends on the underlying network and the distance between sender and receiver. If the network is set up properly, this delay is hardly noticeable under normal circumstances. In recent years, the Beurs van Berlage has invested in an excellent network, which means that the latency is optimal: between 1 and 4 ms. The latency does depend on the speed of the remote server on which it is tested. The Beurs van Berlage only influences the latency internally and towards the internet.

Fixed connections

A fixed internet connection can be realised in almost every room in the Beurs van Berlage. The fixed connection provides security in use with a constant bandwidth of 100 Mb or more and even based on the latest MultiGig standard. The upload/download speed is the same.

The extensive IT facilities make it possible to temporarily create your own network within the Beurs van Berlage.

Livestream, Zoom meetings and/or a line with a dedicated public IP number are possible and can be brought directly into a stand or demo room.



BEURS VAN BERLAGE

WiFi 6 in the Beurs

More than 100 managed WiFi 6 access points provide the wireless network within the Beurs van Berlage. These MultiGig are connected in all event rooms, which means that each Access points can process at least 2.5 Gbit/s of data.

Own secured WiFi cloud with a user name and password to be chosen is one of the possibilities.

User name:

- Minimum 4 characters
- Up to 24 characters
- Only letters or numbers

Password:

- Minimum 8 characters
- Only letters or numbers

Possibility of 10Gb fiber optic internet at the Beurs van Berlage. A maximum joint bandwidth of 1100 Mbit/s applies to both fixed lines and WiFi. Bandwidths up to 10Gb/s are available on request (at least 4 weeks in advance).

Different networks can run or be defined simultaneously on the infrastructure of the Beurs van Berlage. In this way, separate services within an event (press, counter, production, sponsors) can be connected separately, which ensures extra security, less disruption and a smooth faster flow of (internet) data.



Live TV / Radio

Part of the fiber can be configured for Live TV / Radio broadcasts. A direct connection to the Media Gateway and Master Control room (live TV switching center) in Hilversum is possible. A live TV broadcast in another country or continent or Live streaming to (a) Youtube (channel) are also possible.

2nd Fiber optic connection

In addition to the existing fiber optic internet connection of 1Gb/s, a second fiber optic connection has been realised. This connection comes in via another provider and has a standard bandwidth of 500 Mbit/s. This bandwidth is currently used for the breakout rooms and part of the fixed lines that are requested during an event. This bandwidth can be upgraded to a maximum of 10 Gbit/s per event on request.

Furthermore, this connection has two routes. One goes to the internet and the other directly (outside the internet) to the MediaGateway in Hilversum. This second route is especially intended for TV or far-reaching live streaming events.

Via the MediaGateway it is possible (without the limitations of the internet) to switch with the whole world. This second route can also be purchased on a monthly basis, as well as special agreements with the Media Gateway and their services. A request for extra bandwidth or the MediaGateway option must be requested at least 5 weeks in advance.

Finally, we have a permanent loose fiber optic cable running through the Grote Zaal to the Effectenbeurszaal, which can be used to quickly get from front to back with data or AV signal.

Finally

We will naturally ensure that your event is of the highest quality, by providing personal attention. This also includes guaranteeing safety: for you, for your guests and for our employees. Irrespective of the situation we offer the five-star quality that you expect from us. We are only focused on achieving and exceeding all your expectations, irrespective of the size of your event. Together with our event managers and yourself we ensure for that your event is impressive and unforgettable!!

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