

## Internet connections available on the exhibition grounds

A local high-speed data network (LAN) provides users with internet connections on the exhibition grounds. This LAN connects to the internet via an external line at speeds of up to 155 Mbit/s. The maximum available bandwidth depends on the volume of traffic on this external line and on the performance of the entire internet backbone.

Article no.	Description	max. bandwidth	max. no. of users	IP address	Terminal devices
<b>Premium or Business internet connection</b>					
Premium or Business internet connections are supplied with public IP addresses. These connections support a direct presence on the web (webcam, web servers etc.) from the exhibition grounds, include unlimited use of VPN connections, bidirectional file transfers and naturally surfing and e-mailing.					
INT_E1	<b>Premium broadband internet connection</b> via LAN, includes access to a public IP address	up to 10 Mbit/s	24	public IP address	PC/laptop, hub, switch or router
INT_E2	<b>Business internet connection</b> via SDSL, includes access to a public IP address and DSL-Modem	up to 2 Mbit/s	4		
INT_E12-S	<b>Extension at an INT_E1 or INT_E2 internet connection</b> includes an additional public IP address and cabling on stand up to 90 metres in length				
INT_E12-R	<b>Router hardware</b> (security) includes installation service; for operating the user's own secure network via internet at an INT_E1 or INT_E2 connection			non-public IP address	PC/laptop, hub, switch
INT_E12-SR	<b>Extension at router</b> (without INT_E12_R router hardware) includes an additional non-public IP address (DHCP via router) and cabling on stand up to 90 metres in length				
<b>Standard or Economic internet connection</b>					
Standard or Economic internet connections are supplied with <b>non-public</b> IP addresses. These connections offer unlimited surfing, e-mailing and file downloads. These connections do <b>not</b> support a direct web presence on the internet, neither routers nor proxies, and only a few VPN systems.					
INT_E3	<b>Standard broadband internet connection</b> via LAN, includes access to a non-public IP address (Network Address Translation)	up to 10 Mbit/s	24	non-public IP address	PC/laptop, hub, switch
INT_E4	<b>Economic internet connection</b> via SDSL, includes access to a non-public IP address (Network Address Translation) and DSL modem	up to 2 Mbit/s	4		
INT_E34-S	<b>Extension at an INT_E3 or INT_E4 internet connection</b> includes an additional non-public IP address and cabling on stand up to 90 metres in length				
<b>Wireless LAN internet connection</b>					
WLAN internet connections are supplied with <b>non-public</b> IP addresses. This method of providing mobile access offers unlimited surfing, e-mailing and file downloads. These connections do <b>not</b> support a direct web presence on the internet, neither routers nor proxies, and only a few VPN systems.					
INT_E5	<b>WLAN internet connection</b> includes access to a non-public IP address (Network Address Translation), rental period up to 3 days	up to 5 Mbit/s	1	non-public IP address	PC/laptop
INT_E6	<b>WLAN internet connection</b> includes access to a non-public IP address (Network Address Translation), rental period exceeding 3 days				
INT_E56-M	<b>Additional WLAN internet connection</b> (with up to 9 extensions) non-public IP address (Network Address Translation) for a period equal to rental of the primary INT_E5 or INT_E6 connection				
<b>Advanced</b>					
Individually designed networks and services to customer specifications.					
INT_E7	<b>Individually designed network</b> advisory service, planning and provision of an individually designed network (routing, switching etc.) to customer specifications anywhere on the exhibition grounds and in the ICC	up to 1000 Mbit/s	as specified	as specified	as specified

For individual items, e.g. cabling on stand, IP addresses, network devices and installation services, see order form. For a detailed description of specifications for the above items, see next page.

# Specifications for internet connections

**Please note:** The prices quoted for optional packages (extensions and routers) apply only if you also order the corresponding primary internet connection.

## Premium

### ● INT\_E1 (specifications)

**Broadband internet connection;** bandwidth up to 10 megabits/sec; access to a public IP address; type of network: ethernet (LAN); exhibitor stand connected by screened Cat.5 data cables (3 to 5 metres supplied, on hall floor); standard RJ45 plug connections at stand; flat rate volume tariff

## Business

### ● INT\_E2 (specifications)

**SDSL internet connection** (SDSL = symmetrical DSL) bandwidth up to 2 megabits/sec; access to a public IP address; type of network: ethernet (LAN); exhibitor stand connected by screened Cat.3 data cables (3 to 5 metres supplied, on hall floor); standard RJ45 plug connections and SDSL modem at stand; flat rate volume tariff

## Optional package/Premium or Business

### ● INT\_E12-S (specifications)

**Extension at internet connection;** includes an additional public IP address; active LAN port; cabling on stand up to 90 metres in length (screened Cat.5 data cables); standard RJ45 plug connections at stand

### ● INT\_E12-R (specifications)

**Router hardware;** security router at internet connection for operating the user's own secure network; includes installation service (30 mins.) for installing/configuring the router to customer specifications; the router supplied provides the following security functions: Statefull Firewall, Network Address Translation (NAT), Demilitarized Zone (DMZ), Virtual Private Network (VPN), Dynamic Host Control Protocol (DHCP)

### ● INT\_E12-SR (specifications)

**Extension at router** (router hardware not included); for connecting additional terminal devices and sharing the security functions, public IP address, bandwidth and router; includes an additional non-public IP address for the extension (IP address can be assigned automatically by the router via DHCP); active LAN port; cabling on stand up to 90 metres in length (screened Cat.5 data cables); standard RJ45 plug connections at stand

## Advanced

### ● INT\_E7 (specifications)

**Planning, provision, supervision of complete networks**

Ranging from basic to complex networks we can offer you the following IT services for your exhibitor stands :

- bandwidths up to 1000 megabits/sec at terminal devices
- network devices: switches, routers, WLANs and cabling on stand
- network services: VoIP, IPTV
- terminal devices: PCs, laptop and servers

As a rule orders must be placed at least 8 weeks prior to the installation date or the beginning of the event

## Standard

### ● INT\_E3 (specifications)

**Broadband internet connection;** bandwidth up to 10 megabits/sec; access to a public IP address; type of network: ethernet (LAN); exhibitor stand connected by screened Cat.5 data cables (3 to 5 metres supplied, on hall floor); standard RJ45 plug connections at stand; flat rate volume tariff

## Economic

### ● INT\_E4 (specifications)

**SDSL internet connection** (SDSL = symmetrical DSL) bandwidth up to 2 megabits/sec; access to a non-public IP address; type of network: ethernet (LAN); exhibitor stand connected by screened Cat.3 data cables (3 to 5 metres supplied, on hall floor); standard RJ45 plug connections and SDSL modem at stand; flat rate volume tariff

## Optional package/Standard or Economic

### ● INT\_E34-S (specifications)

**Extension at internet connection;** includes an additional non-public IP address; active LAN port; cabling on stand up to 90 metres in length (screened Cat.5 data cables); standard RJ45 plug connections at stand

## Wireless LAN

### ● INT\_E5 (specifications)

**WLAN account/internet connection;** WLAN primary connection; one user account (user name / password); for a rental period of up to 3 days; bandwidth up to 5 megabits/sec; a non-public IP address (assigned automatically via DHCP);

### ● INT\_E6 (specifications)

**WLAN account/internet connection;** WLAN primary connection; one user account (user name / password); for a rental period exceeding 3 days; bandwidth up to 5 megabits/sec; a non-public IP address (assigned automatically via DHCP)

## Optional package for Wireless LAN

### ● INT\_E56-M (specifications)

**Additional WLAN account/internet connection;** Optionally a maximum of 9 additional accounts (user name / password), for a period equal to the rental of the primary connection; bandwidth up to 5 megabits/sec; a non-public IP address address (assigned automatically via DHCP)