

BUSINESS NETWORK SERVICES

Turnkey networks – simple, secure
and transparent



The Business Network Services (BNS) from UPC Business are tailored to the needs of SMEs. They include the installation, operation and monitoring of your LAN infrastructure throughout Switzerland, and relieves you of all related work.

The BNS from UPC Business ensure your communications infrastructure is professionally monitored round the clock and is always up to date as regards technology, performance and security. New locations and remote workplaces can be integrated into your existing network quickly and easily, allowing the BNS to keep pace not only with your company's growth, but also constant changes and technological advancements. The services are available in Switzerland. You also gain a comprehensive overview of capacity and network utilisation: for example, how specific applications are being used.

The BNS are made up of the following three components, which can be used either separately or in combination as the need arises:

- **Security Services**
- **LAN Services**
- **WiFi Services**

Security Services: state of the art – a good feeling!

The advanced security services protect your corporate network from unauthorised access. In addition, data traffic analysis provides a detailed overview of how your applications are being used. This analysis can be broken down into individual users. Furthermore, thanks to traffic shaping, bandwidth limits can be defined for individual clients or entire user groups. Those wanting to safeguard their network from viruses, worms, Trojans and phishing attacks and block unwanted content can simply extend the security service by adding a highly effective intrusion prevention system, comprehensive antivirus software and an appropriate content filter.

The intrusion prevention system is based on the latest security technologies. It verifies signatures and protocols and identifies anomalies by showing and reporting deviations from data volumes considered normal. The various content filters are designed for a wide range of requirements, enabling you to specifically limit Internet usage: for example, the use of specific Internet services or access to undesirable Web pages. The firmware and security signatures are automatically updated. This ensures strict adherence to internal corporate guidelines.

LAN Services: performance and security guaranteed at all times

UPC Business operates and monitors your high-availability LAN. Our LAN services cover managed 8- and 24-port LAN switches with or without Power over Ethernet (PoE). The LAN switches offer you 10/100/1,000 copper ports as well as glass fibre optic gigabit Ethernet uplink ports. As with the security services, you gain a comprehensive overview of capacity and LAN switch port utilisation. In addition, your LAN infrastructure is split into different virtual LANs to help clearly differentiate your user groups.

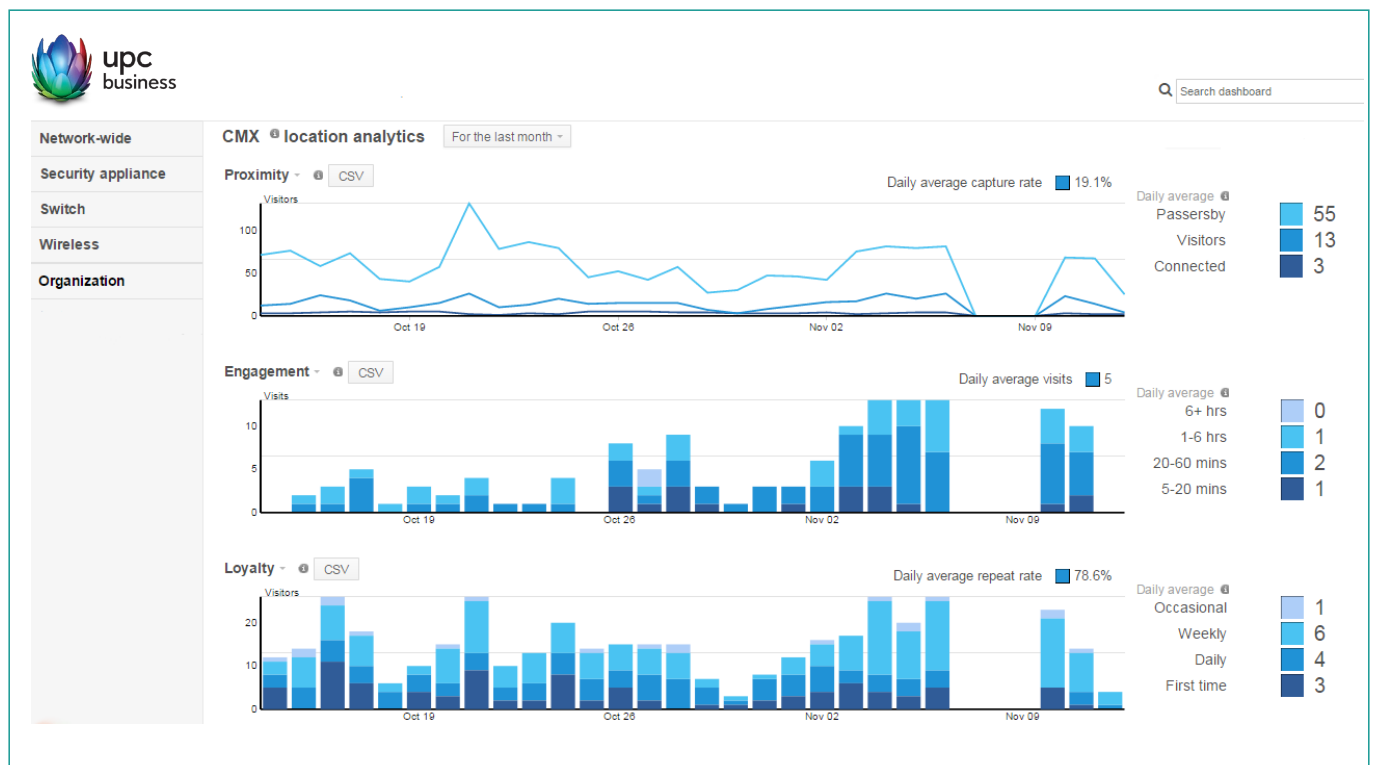
WiFi Services: maximum availability and secured access

The WiFi services allow you to operate a professional, high-performing wireless LAN infrastructure. This can be used (limited/unlimited) internally and, if necessary, publicly, for example in hospitals, restaurants, hotels and schools. Authentication of access to the WiFi infrastructure can be customised to your

individual needs, for example with a user name and password or WPA2 key. Specific company landing pages or your company's Facebook profile can be used to enter a user name and password or to show terms of use in the case of public usage.

The WiFi services can be operated with or without security services. Without these services, each access point (AP) has its own internal firewall.

Bandwidths can be allocated for each user group (SSID) and client. The WiFi services offer you a presence analysis, which gives you a constant overview of registered users and frequency of use or non-use. This opens up new possibilities and provides answers to interesting questions. For example, you can find out how long on average a customer spends at the point of sale (POS) and whether they return (see chart).



Standard features

Management	Management by our local support team in the respective national language
User interface	Web-based customer portal for reporting and information management
Life cycle service	Managed life cycle service for security patches, software updates and hardware (if required)
Service installation	On-site installation by staff certified by UPC Business. The customer supplies all necessary information in advance
Service and support	Fault line 7 × 24 : 365 days Support time 5 × 11: Monday to Friday, from 7:00 am to 6:00 pm Service level Basic: max. 24 hrs downtime during the support time

Security Services

	Home Office	Small enterprise	Medium enterprise
Number of IT users (benchmark)	5	25	150
Integrated WiFi	✓	Optional	✗
Web caching	✗	✗	✓
Number of predefined VLANs	3	3	3
Traffic shaping per VLAN	✓	✓	✓
Intrusion prevention system, antivirus and content filter	✗	Optional	Optional
VPN option	✓	✓	✓
Minimum contract period	1 year	3 years	3 years

LAN Services

	8-Port-Switch	24-Port-Switch
Number of IT users (benchmark)	1–5	5–14
Voice prioritising	✓	✓
Number of predefined VLANs	3	3
Power over Ethernet	Optional	Optional
Fibre uplink	✓	✓
Minimum contract period	3 years	3 years

WiFi Services

	Small enterprise	Events + Campus	Outdoor
Number of IT users (benchmark)	50	100	50
Own power supply	Optional	Optional	Optional
Number of predefined SSIDs/ VLANs	3	3	3
Traffic analysis	✓	✓	✓
Dual band	✓	✓	✓
Company splash page	✓	✓	✓
Redirect URL	✓	✓	✓
Traffic shaping per client	✓	✓	✓
Traffic shaping per SSID	✓	✓	✓
Minimum contract period	3 years	3 years	3 years

The details in this document do not constitute a binding offer. Subject to modification without notice.
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