Connecting a terminal to a broadband Internet

**Important: Have you ensured that you're ready to install your terminal?
Please note the following points from this checklist.**

For you to use your terminal with a broadband Internet connection (ADSL or TV cable), the following conditions need to be met. If you have any questions, ask an electrician or network specialist.

1. ETHERNET LINE

Your terminal has access to an Ethernet line (RJ45) that supports DNS and DHCP and provides free access to the Internet.
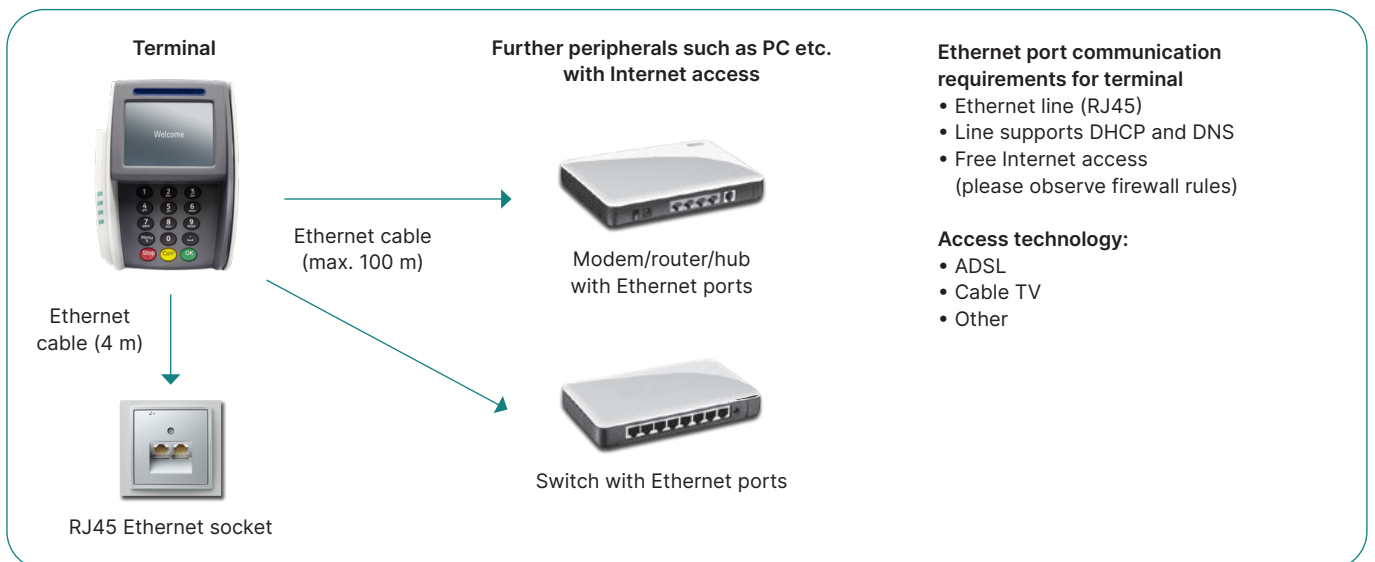
2. FREE INTERNET ACCESS

If your existing local network is firewall-protected, 24-hour free Internet access must be ensured for your terminal. The terminal automatically sets up the connection and implements service updates during inactive business periods.

3. FREE IP ADDRESS

You have an Internet connection with only one free IP address, but want to connect several devices, such as PCs and terminals. You can buy inexpensive components (routers etc.) to expand your Internet connection, enabling you to hook up more than one device.

If you have any questions about broadband connections, please contact our specialists on 0800 111 600.

Terminal

**Further peripherals such as PC etc.
with Internet access**

Ethernet cable
(max. 100 m)

Ethernet
cable (4 m)

Modem/router/hub
with Ethernet ports

Switch with Ethernet ports

RJ45 Ethernet socket

**Ethernet port communication
requirements for terminal**
• Ethernet line (RJ45)
• Line supports DHCP and DNS
• Free Internet access
  (please observe firewall rules)

Access technology:
• ADSL
• Cable TV
• Other

A glossary of terms used can be found overleaf.

The following IP addresses must be allowed to pass if the Internet connection is protected by a local firewall or a firewall set up by your Internet provider!

Worldline*	IP address: Port	DNS names
Software download	153.46.253.156:8953 HTTP	serv.ep2.telekurs.com
GKLP	153.46.254.217:62000 TCP	gklp.telekurs.com
Configuration	153.46.253.155:8115 TCP	siconfig.ep2.telekurs.com
Initialisation	153.46.253.149:2252 TCP	siinit.ep2.telekurs.com
Authorisation	153.46.253.145:2251 TCP	fe.ep2.telekurs.com
Direct/PMS delivery	153.46.253.151:2254 TCP	misubm.ep2.telekurs.com
Tax Free "Planet"	193.120.149.218:51030 HTTPS	pi.fintrax.com
Tax Free "Global Blue"	195.177.228.175:51030 HTTPS	abrantix.globalblue.com
Valuemaster	153.46.99.1:50005 TCP	–
Online Log	153.46.100.66:51003 TCP	–
ep2 Logging	153.46.253.20:6514 TCP	syslog.ep2.telekurs.com

* incl. Diners, JCB, Swisscard/American Express, Migrosbank, Boncard, Tax Free Service

Additional acquirers	Initialisation	Authorisation	Direct delivery
PAYONE	195.200.194.168:51006 ep2prod.bspayone.net	195.200.194.168: 51007 ep2prod.bspayone.net	195.200.194.168: 51008 ep2prod.bspayone.net
ConCardis	217.73.32.84:41563 ep2.firstdata.de	217.73.32.84:41563 ep2.firstdata.de	217.73.32.84:41563 ep2.firstdata.de
Innocard	– acqprim.innocard.ch:6060	– acqprim.innocard.ch:6057	– acqprim.innocard.ch:6058
Postfinance	138.189.254.100:1637 ep2.PostFinance.ch	138.189.254.100:1639 ep2.PostFinance.ch	138.189.254.100:1641 ep2.PostFinance.ch
WIR	91.198.173.65:8001 eftposgw1-c4.wir.ch:8001	91.198.173.65:8000 eftposgw1-c4.wir.ch:8000	91.198.173.65:8002 eftposgw1-c4.wir.ch:8002
Boncard	89.28.156.2:5045 ep2.boncard.net	89.28.156.2:5045 ep2.boncard.net	89.28.156.2:5045 ep2.boncard.net
REKA	185.66.79.195:51006 ep2.reka.ch	185.66.79.195:51007 ep2.reka.ch	185.66.79.195:51008 ep2.reka.ch

Additional settings in your firewall such as content filtering may also affect the connection to our systems. Those settings also need to be deactivated for the addresses mentioned above. The list is not definitive (as of December 2022). The list has been drawn up and checked with great care. Please note that IP address can change at any time.

Telnet-Client

For newer operating systems such as Windows 10, the Telnet Client is deactivated by default; it must be activated or installed manually. To do this for Windows 10, read the instructions at: worldline.com/merchant-services/firewall

Firewall test option:

Test successful:

Test unsuccessful:

DNS test option:

Test successful:

Test unsuccessful:

Glossary

ADSL – Asymmetric digital subscriber line, can process various services on a single connection line.

DNS – Abbreviation for the domain name in IP addresses.

Ethernet – Basic platform for operating TCP/IP (physical definition, plugs, cables, voltage levels, bitrates, and so on).

USB – Universal Serial Bus is a standard that defines the interface between the PC and its peripherals.

TCP/IP – Protocol facilitating the transmission of data.

DHCP – Automatic assignment of an IP address.

Firewall – Software used to protect a network (such as an enterprise network) from hacker attacks.

Telnet-Client – Connects a computer with a remote server.

Your local point of contact can be found at: worldline.com/merchant-services/contacts