Elisa M-internet for Macintosh Help

Contents

1 Welcome! 3

2 Getting Started 3

3 The Main Window 6

3.1 The Connection Tab ... 6

3.2 The Usage Tab ... 7

3.3 The Applications Tab ... 7

4 The Menu Bar 7

4.1 The Elisa M-internet Menu ... 8

4.1.1 Preferences ... 9

4.1.1.1 Application ... 9

4.1.1.2 Usage ... 10

4.1.1.3 Roaming ... 10

4.1.1.4 Handoff ... 10

4.1.1.5 Profile ... 11

4.1.1.6 Network ... 12

4.1.2 Uninstall ... 13

4.2 The File Menu ... 13

4.3 The Device Menu ... 13

4.3.1 Connect ... 14

4.3.2 PIN Code Management ... 14

4.3.2.1 Changing the PIN Code ... 14

4.3.2.2 Disabling and Enabling the PIN Code ... 14

4.4 The Window Menu ... 15

4.4.1 SMS/Text Messaging ... 15

4.4.1.1 Messaging Functions ... 15

4.4.2 Diagnostics ... 16

4.4.3 Usage Information ... 16

4.5 The Help Menu ... 17

5 The Dock Icon 17

6 Glossary of Terms 17

1 Welcome!

ELISA M-INTERNET is a program that helps you manage your connections on the go. It is preconfigured with the settings you need to connect to your operator's cellular and wireless networks.

Elisa M-internet lets you scan for WLAN and cellular networks.

The program also helps you to automatically connect to the best and fastest network at any place and time. For example, a WLAN access point or a Wi-Fi hotspot can be faster and cheaper than a cellular network.

Elisa M-internet assists you when in roaming, warning you if you are connected to a different operator's network and risking a roaming surcharge.

You can use Elisa M-internet to monitor your network usage. For this, you can set thresholds to be warned if you exceed data on your subscription.

Using Elisa M-internet, you can set up connection and program preferences to meet your particular needs.

Elisa M-internet has an SMS/text messaging feature that allows you to send and receive messages and to manage, import and export SIM contacts.

The topics of this help provide you with detailed information on the features and functionality of Elisa M-internet.

Important: Not all features and functionality that are described in this help may be available. This can depend on your modem, product version or the service plan type.

2 Getting Started

After you first start Elisa M-internet, it will be automatically configured according to your service plan. The necessary access point (APN) and profile settings will also be applied.

Note: You may first need to configure your profile before you can connect to the Internet. See Profile for more information.

Here you can find basic information you can use working with Elisa M-internet:

- Starting Elisa M-internet
- Getting online
- Accessing home and office WLAN networks
- Managing SIM card PINs
- Checking your network usage
- Setting network usage thresholds
- Checking your roaming status
- Sending and receiving text messages
- What speed can I expect over 2G/3G?

Starting Elisa M-internet

Normally, Elisa M-internet starts automatically after you insert your modem device (if the autoplay feature is enabled on your computer).

To start Elisa M-internet manually, do one of the following:

- Click the Elisa M-internet icon on the desktop or in the Dock.
- Select Applications > Elisa M-internet in Finder.

Getting Online

Cellular Network (2G/3G):

To start a 2G/3G mobile Internet connection, all you need to do is click the Elisa M-internet button in the main window or select the Device > Connect menu. You can also connect by clicking one of the program launch buttons on the Applications tab.

If you are requested to install device drivers, do that as drivers are necessary for the device to function.

To disconnect, select the Device > Disconnect menu.

WLAN (Wi-Fi):

To start a WLAN connection, click the WLAN button. You may need to select your network from the Find WLAN Networks window and click Connect. If the network is encrypted, you must first enter a security key to connect. Elisa M-internet will store the security key for future connections to this network.

Note: Elisa M-internet automatically switches to the best (fastest or cheapest) connection technology (WLAN/2G/3G) while you are working. That reduces the amount of traffic over 2G/3G mobile networks so that your mobile bill would be lower.

However, it can be that a data-download process that was started over a network of one type (like 2G, 3G or HSPA) continues while the software has already switched over to a network of another type (for example, WLAN). This can be, for example, a radio-listening session or a file download. To be absolutely sure that all “new” data goes in that case over WLAN, you need to close all active data sessions (connections) and start them again.

Accessing Home and Office WLAN Networks

To quickly access your home or office WLAN network you just need to:

1. Ensure the WLAN device is enabled or turned on. The image on the program's WLAN button is highlighted when a wireless connection is possible.
2. Click the WLAN button to view a list of all accessible WLAN networks. Note that the list may contain several networks if you have close neighbours with WLAN networks.
3. Select your desired network in the Find WLAN Networks list and click Connect. If the

network is encrypted, you must first enter a security key to connect. Elisa M-internet will store the security key for future connections to this network.

Note: If your network is a hidden network (one that does not broadcast its SSID), it does not appear in the Find WLAN Networks list.

Managing SIM Card PINs

Select the Device > Change PIN Code or Device > Disable PIN Code menus to set or change the PIN for a device or disable PIN usage. See PIN Code Management for further details.

Checking Your Network Usage

You can click the Usage tab of the program to check up on your network usage. See The Usage Tab for further details.

Setting Network Usage Thresholds

You can set thresholds to be notified about your network usage when roaming. Each time you reach a data threshold you have set, a warning message is displayed.

To set thresholds, select the Elisa M-internet > Preferences menu and click Usage. See Roaming Settings for further details.

Checking Your Roaming Status

You can check whether you are in roaming at any time by looking at the connection status area in the Elisa M-internet window. When in roaming, a R letter is displayed there.

Sending and Receiving Text Messages

Using the SMS Browser section of Elisa M-internet, you can send and receive text messages.

To open SMS Browser, click the envelope icon in the Elisa M-internet window. See SMS/Text Messaging for further details.

What Speed Can I Expect over 2G/3G?

Your mobile Internet product (a card or a USB dongle) can register in mobile networks based on various technologies and thus having various download and upload speed.

The speed largely depends on the type of your product. See the packaging of the product for printed specifications.

Besides, the speed depends very much on the network you connect to, the distance to the mobile transmitter and the intensity of traffic (number of users) in your location at the moment.

Currently, there are two main types of mobile networks. Due to continuous technical development, this number tends to expand and the connection speed tends to increase.

Connection indicator	2G (GSM, GPRS, EDGE)	3G (UMTS, HSDPA, HSUPA, HSPA)
Short explanation	Second Generation cellular network: • Older (slower) networks • Download speed up to 56 Kbps (GPRS) or 250 Kbps (EDGE) max.	Third Generation cellular networks: • Newer (faster) networks • Download speed up to 14.4 Mbps max. (currently)

3 The Main Window

The main window of Elisa M-internet utilizes the Mac OS X menu bar to provide access to various features and preferences.

The program window has the following feature tabs:

- Connection
- Usage
- Applications

Click any of the links to get further details.

The envelope icon in the main window launches the SMS browser used to receive, send and manage text messages. There is a new SMS/text message indicator used to display the number of new text messages by the envelope icon.

After selecting View > Show Banner, you can view banners, messages and useful information from your provider in a special area of the main window.

3.1 The Connection Tab

The Connection tab features the following:

- *Connection state indicators* that indicate the connection types currently in use (WLAN and 2G/3G) or available for connection. If a connection type is not available for use, it is not highlighted and cannot be selected. The current WLAN and 2G/3G signal strength is also indicated.
- A *3G status message* that describes any 3G action currently being performed by Elisa M-internet and the network name
- A *roaming indicator*. This is only lit when you are connected to a roaming network.

Some devices (all handsets and some PC cards) supported by Elisa M-internet do not report signal strength while a connection is active. In this case, the signal level reported by Elisa M-internet is only reliable when no connection is active.

Refer to the Getting Started section for more information on using Elisa M-internet.

3.2 The Usage Tab

The Usage tab contains the following sections:

- Current Session

  See this section for network usage information for the current session.The following statistics are displayed here:

  - Upload data volume
  - Download data volume
  - Total data volume
  - Connection duration

- History

  See this section for network usage information for the current month. The following statistics are displayed here:

  - Total (upload and download) data volume
  - Total time spent online

To view more detailed usage information, select the Window > Usage Information menu to open the Usage Information window. See Usage Settings for more details.

3.3 The Applications Tab

The Applications tab has been configured for you to quickly launch useful web links provided by your mobile operator.

After you click a link of your choice, the corresponding webpage will be displayed in your default Internet browser.

4 The Menu Bar

The Elisa M-internet menu bar contains the following menus items specific to the software:

The Elisa M-internet menu:

- About Elisa M-internet

  Lets you view copyright and version information about the software.

- Preferences

  Lets you access a range of advanced settings of Elisa M-internet.

- Uninstall

  Lets you uninstall Elisa M-internet.

- Hide Elisa M-internet

  Lets you minimize Elisa M-internet to the Dock.

- Quit Elisa M-internet

  Lets you quit Elisa M-internet.

The File menu:

- New SMS Message

  Lets you begin composing a new text message.

The Device menu:

- Connect/Disconnect

  Let you establish a mobile Internet connection and terminate it.

- Change PIN Code

  Lets you change your PIN code.

- Enable PIN Code/Disable PIN Code

  Let you enable and disable PIN code security on your SIM card.

The Window menu:

- Dashboard

  Lets you bring up the program's main window.

- SMS Browser

  Lets you open the SMS management section.

- Usage Information

  Lets you view a detailed usage history for particular time period and network.

- Diagnostics

  Lets you view information about your configuration to help diagnose Elisa M-internet.

The Window menu:

- Search

  Lets you search for menu items and help topics.

- Elisa M-internet Help

  Lets you open this help file.

4.1 The Elisa M-internet Menu

The Elisa M-internet menu contains the following items:

- About Elisa M-internet

  Lets you view copyright and version information about the software.

- Preferences

  Lets you access a range of advanced settings of Elisa M-internet.

- Uninstall

  Lets you uninstall Elisa M-internet.

- Hide Elisa M-internet

  Lets you minimize Elisa M-internet to the Dock.

- Quit Elisa M-internet

  Lets you quit Elisa M-internet.

4.1.1 Preferences

Elisa M-internet enables you to configure a variety of general program preferences organized into groups.

Some of the program preferences allow you to make changes that can affect the normal operation of Elisa M-internet, so you should be careful when modifying such preferences. Make changes in consultation with a product support specialist or your system administrator.

The preferences groups you can set up are:

- Application preferences
- Usage preferences
- Handoff preferences
- Profile preferences
- Network preferences

4.1.1.1 Application

There are general application settings in Elisa M-internet that you can configure to best suit your needs. To manage these settings, select the Elisa M-internet > Preferences menu and then click the Application icon.

You can set up the following settings on the Application tab:

- Starting Elisa M-internet on insertion of devices and detection of known WLAN networks
- Bringing Elisa M-internet to front on insertion of devices and detection of known WLAN networks
- Actions on disconnection
- Use of application sounds
- Reception of operator text messages
- Popup notifications for device insertion, removal, connection, disconnection and incoming SMS messages

4.1.1.2 Usage

You can find the program's usage settings of Elisa M-internet under Usage on selecting the Elisa M-internet > Preferences menu.

The settings on the Usage tab enable you to do the following:

- Set up an overall traffic limit (in megabytes)
- Enable notifications displayed when your usage reaches the traffic limit set up
- Reset the usage data at a set day monthly
- Instantly reset the accumulated usage data

4.1.1.3 Roaming

On the Roaming tab in the Preferences section, you can set thresholds to be notified about your network usage when roaming. Each time you reach a data threshold you have set, a notification message is displayed. This means that you can keep track of your network usage and avoid high costs.

You can set the notifications to be displayed after one or more megabytes transferred.

To enable thresholds, on the Roaming tab, select Display notification when a usage threshold is reached and enter the desired threshold into the Interval between notifications box.

Besides, on the Roaming tab you can turn on requests for connection to roaming network by selecting Ask before connecting to a roaming network.

4.1.1.4 Handoff

Connection *handoff* (or *handover*) means the automatic transferring of data sessions from one network cell or network to another. It is useful to keep connected to networks with good signal strength and avoid loss of connection when you leave the service range of a cell or network when travelling.

You can set up the handoff preferences of Elisa M-internet on the Roaming tab in the Preferences section.

Auto-Connect:

- Select Automatically connect if no handoff network is available to allow Elisa M-internet to establish a connection if there are no handoff networks.
- Enable Ask before automatically connecting to receive requests for this action every time.

Hand-off:

- Select Automatically perform handoff to other networks to allow Elisa M-internet to establish handoff connections to other networks with better signal strength if such are available.
- Enable Disconnect when handing off to break the current connection before hanging off.

- If Disconnect when handing off is enabled, you can also select to receive requests for both handing off to other networks and disconnecting before that by enabling Ask before handoff/ disconnect.

Other:

- Select Ask before, if handoff network is available to receive a request for connecting every time when you are connecting to a network manually and a handoff network with better signal is available.
- Select Auto-connect and handoff and Hotspot (WISPr) to receive notifications about these events.

4.1.1.5 Profile

Your device can be associated with multiple connection profiles. Every profile contains Basic, Internet and Security settings.

To configure profile settings, select the Elisa M-internet > Preferences menu and then click the Profile icon. A list of available profiles configured for use with Elisa M-internet is shown.

Note: You can get information on your necessary settings from your service provider.

Basic Settings (Required)

To configure basic profile settings, select a profile from the list, then click Basic. Fill in the Profile Name, Access Point Name and Telephone Number boxes.

Internet Settings (Optional)

To configure the Internet settings of the profile, select a profile from the list, then click Internet. Fill in the Static IP Address, Primary DNS and Secondary DNS boxes.

Security Settings (Optional)

To configure the security settings of your profile, select a profile from the list and then click Security. Fill in the User Name and Password boxes and select or unselect the Use PAP Authentication and Use CHAP Authentication options.

For information on adding profiles, see Adding Profiles.

For information on deleting profiles, see Deleting Profiles.

4.1.1.5.1 Adding Profiles

Elisa M-internet can automatically identify your profile settings from your SIM card the first time you attempt to connect.

In some cases however, your profile settings cannot be automatically detected and you will receive a notifications prompting you to Add a Profile. You must enter the correct profile information before you can connect to the Internet.

Note: You can get information on your necessary settings from your service provider.

You can add a profile by selecting Elisa M-internet > Preferences and then clicking the Profile icon. Click the add (+) button to add a new profile.

Basic Settings (Required)

To configure basic profile settings, select a profile from the list, then click Basic. Fill in the Profile Name, Access Point Name and Telephone Number boxes.

Internet Settings (Optional)

To configure the Internet settings of the profile, select a profile from the list, then click Internet. Fill in the Static IP Address, Primary DNS and Secondary DNS boxes.

Security Settings (Optional)

To configure the security settings of your profile, select a profile from the list and then click Security. Fill in the User Name and Password boxes and select or unselect the Use PAP Authentication and Use CHAP Authentication options.

4.1.1.5.2 Deleting Profiles

You can delete any of your connection profiles in Elisa M-internet (except for the profile of the primary network).

To delete an existing profile:

1. Select the Elisa M-internet > Preferences menu.
2. Click the Profile icon.
3. Select a profile from the list and click the remove (—) button.

Note: You cannot delete the profile of the primary network.

4.1.1.6 Network

You may wish to switch to a network other than the one selected by Elisa M-internet for reasons of cost or quality.

To configure network settings, select the Elisa M-internet > Preferences menu and then click the Network icon. Here you can change the network mode and choose between automatic and manual network selection.

Use the following links to see more information on the respective topics:

- Selecting a Preferred Network
- Switching to Manual Network Selection

4.1.1.6.1 Selecting a Preferred Network

Sometimes, for reasons of cost or quality, you may wish to switch to a network other than the one selected by Elisa M-internet.

To select a preferred network:

1. Select the Elisa M-internet > Preferences menu.
2. Click the Network icon.
3. Make your selection under Network Mode: 3G Preferred, 3G only or 2G only (3G Preferred is the default connection mode).

4.1.1.6.2 Switching to Manual Network Selection

Sometimes, for reasons of cost or quality, you may wish to switch to a network other than the one selected by Elisa M-internet.

After you select the the Elisa M-internet > Preferences menu and click the Network icon, you can switch between automatic and manual network selection. When in the manual mode, you can select a network from the list of available ones.

To switch to manual network selection mode and select the network yourself:

1. Under Network Operator, click Manually in the Select operator list.
2. Enable Only show preferred operators if the available networks table should show only the mode selected in the Network Mode pane.
3. Select a network in the Available operators list.

4.1.2 Uninstall

You can uninstall the Elisa M-internet software or its support files by your choice.

To uninstall Elisa M-internet:

1. Select the Elisa M-internet > Uninstall menu.
2. Select any combination of the available uninstalling options:
   - Application
   - User data and settings
   - Device drivers
3. Click on Uninstall and Quit. Enter your password if requested.

If you select to uninstall the application, it will be moved to Trash after that.

Warning: If you select User data and settings when uninstalling, all your text messages, usage statistic and custom settings will be deleted. Therefore, be careful when selecting this option.

4.2 The File Menu

The File menu contains the following items:

- New SMS Message

  Lets you begin composing a new text message.

4.3 The Device Menu

The Device menu contains the following items:

- Connect/Disconnect

  Let you establish a mobile Internet connection and terminate it.

- Change PIN Code

  Lets you change your PIN code.

- Enable PIN Code/Disable PIN Code

  Let you enable and disable PIN code security on your SIM card.

4.3.1 Connect

Select the Device > Connect menu to start a 2G/3G mobile Internet connection.

If you are requested to install device drivers, click Yes as drivers are necessary for the device to function.

To disconnect, select the Device > Disconnect menu.

4.3.2 PIN Code Management

Normally, each time you insert a cellular device with a SIM card, you will be prompted to enter the PIN code. You will be able to use the device only after you enter the correct PIN code.

If you enter the current PIN code incorrectly, you will receive a warning with the number of attempts remaining before the SIM card is locked. In most cases, the SIM card is locked after entering the PIN code incorrectly for three times in succession.

If the SIM card has been locked, you will be requested for the PUK code to unlock it. Contact your operator help desk for information on your PUK code if you don't have it.

Elisa M-internet lets you disable and re-enable the PIN code on a device and, for some devices, change the PIN code. See the following links for more information:

- Changing the PIN Code
- Disabling and Enabling the PIN Code

4.3.2.1 Changing the PIN Code

To modify the PIN code settings of a device:

1. Select the Device > Change PIN Code menu.
2. If the boxes Old PIN, New PIN and Repeat new PIN are available, you can change the PIN code. To do that, enter the old PIN code in the Old PIN box and type the new PIN in both the New PIN and Repeat new PIN boxes.
3. Click OK.

Note: Contact your operator help desk for information on your PIN code if you don't know it.

4.3.2.2 Disabling and Enabling the PIN Code

To disable or re-enable the PIN code security of a device:

1. Select the Device > Disable PIN Code menu to disable PIN security or the Device > Enable PIN Code menu to enable PIN security.

2. Enter the current PIN (in case of disabling) or a new PIN (in case of enabling).
3. Click OK.

Note: Contact your operator help desk for information on your PIN code if you don't know it.

4.4 The Window Menu

The Window menu contains the following items:

- Dashboard

  Lets you switch to the program's main window.

- SMS Browser

  Lets you open the SMS management section.

- Usage Information

  Lets you view a detailed usage history for particular time period and network.

- Diagnostics

  Lets you view information about your configuration to help diagnose Elisa M-internet.

4.4.1 SMS/Text Messaging

The SMS Browser section of Elisa M-internet is SMS/text messaging feature that allows you to send, receive, reply to and forward text messages.

To open the Elisa M-internet SMS section, click the envelope icon on the Connection tab in the main window of the program or select the Window > SMS Browser menu.

Four standard message folders are present in the left tree of the SMS Browser window: Inbox, Sent, Drafts and Outbox. They are used in the same way as the identical folders of any messaging program.

See Messaging Functions for more information on managing text messages in Elisa M-internet.

4.4.1.1 Messaging Functions

The main messaging features of the Elisa M-internet SMS section include sending, receiving, replying to and forwarding text messages.

To compose and send a text message:

1. Select the File > New SMS Message menu or select the Window > SMS Browser menu and then click the New icon on the toolbar. The New SMS window opens.
2. Enter the recipient's mobile phone number in the To box. If there are several recipients, separate the numbers with a semicolon (;).

   You can also add recipients from your Mac OS X Address Book by clicking the contacts icon and then selecting names in the list (hold down the Option/Alt button and click names to select multiple recipients).

3. Type your message in the Message box and click Send.

Note: If you try sending a message when no device SIM card is installed, the message is saved in the Outbox folder and is sent when connection becomes available.

To reply to a text message:

1. Open the message that you want to reply to and click Reply, or select the message and then and then click the Reply icon on the toolbar.
2. Type your message in the message box and click Send.

To forward a text message:

1. Open the message you want to forward and click Forward, or select the message and then and then click the Forward icon on the toolbar.
2. Enter the recipient's mobile phone number in the To box. If there are several recipients, separate the numbers with a semicolon (;).

   You can also add recipients from your Mac OS X Address Book by clicking the contacts icon and then selecting names in the list (hold down the Option/Alt button and click names to select multiple recipients).
3. Edit the message in the message box and click Send.

To delete a text message, select the text message, click Delete on the toolbar and confirm deletion when requested.

To save, edit or delete a text message draft:

- Save the text message you are currently composing to the Drafts folder by clicking Save in the message editing window.
- Edit a draft text message after opening it from the Drafts folder.
- Delete a draft text message by selecting it on the list and then clicking Delete on the toolbar.

4.4.2 Diagnostics

The Diagnostics section provides a range of diagnostic information relevant to the operation of Elisa M-internet. This information can be useful for troubleshooting, and you may be asked for it when addressing the product support.

To open the Diagnostics section, select the Window > Diagnostics menu.

4.4.3 Usage Information

The Usage Information window provides a log of your mobile Internet usage for a selected period.

The window provides a table showing usage information per session such as the date and time, minutes connected, the total amount of data received and sent and the network that was used.

To select the type of service providers you would like to see information for, click Home and Partner or Roaming.

To select the period you would like to see information for, enter the necessary dates into the Start Date and End Date boxes.

You can order the data in the table log by clicking column headers.

Is you have set a usage limit, its consumption is graphically displayed with a bar at the top of the window.

4.5 The Help Menu

The Window menu contains the following items:

- Search

  Lets you search for menu items and help topics.

- Elisa M-internet Help

  Lets you open this help file.

5 The Dock Icon

A Elisa M-internet icon is displayed in the Dock when the main window of the program is minimized.

- To open the window, click the Dock icon.
- To quit Elisa M-internet, click Quit in the Dock icon's quick menu.

6 Glossary of Terms

802.11b, 802.11g

The most commonly-used wireless LAN standards.

Access Point Name

See APN.

APN

(*Also* Access Point Name) Communication protocol that typically allows computers to access the Internet using the mobile phone network.

bearer

A general term for various network technologies that are used for network connections such as HSDPA, UMTS (3G), GPRS (2.5G), EDGE (3G), dial-up (GSM data), HSCSD, Wi-Fi and LAN.

Bluetooth

A short-range radio technology supporting communication between digital devices.

connection

This term can be used to mean the set of parameters required to establish an Internet connection. It consists of a bearer type selection plus all the additional parameters required to establish a connection over the selected bearer.

default device

There may be several devices installed on a computer, each supporting one or more bearers. Therefore, a default device is automatically selected for each bearer. This device is then used when a connection is established over that bearer.

device

A general term for the piece of wireless/mobile hardware used to connect your computer to the Internet. It can be a built-in or removable Wi-Fi adapter, a cellular network PC card (the kind you slot into a bay on your computer), PC express card, USB stick or a cellular device embedded into your PC or a mobile phone connected to your computer via a serial cable, USB cable, infra-red connection or Bluetooth connection

DHCP

(*Also* Dynamic Host Configuration Protocol) A protocol for automating the configuration of computers in an IP network.

DNS

(*Also* Domain Name System) A distributed Internet directory service. DNS is used mostly to translate between domain names and IP addresses, and to control Internet e-mail delivery.

Domain Name System

See DNS.

Dynamic Host Configuration Protocol

See DHCP.

EDGE

(*Also* Enhanced Data for GSM Evolution) A GSM-based wireless service that can deliver data at rates of up to 384 Kbps.

Enhanced Data for GSM Evolution

See EDGE.

General Packet Radio Service

See GPRS.

Global System for Mobile Communication

See GSM.

GPRS

(*Also* General Packet Radio Service) A cellular network technology offering higher capacity data transfer than ordinary GSM connections. GPRS connections are charged based on the amount of data transferred rather than on call duration and can therefore be permanently connected without incurring costs.

GSM

(*Also* Global System for Mobile Communication) The world's most popular standard for mobile telephony systems.

High-Speed Circuit-Switched Data

See HSCSD.

High-Speed Downlink Packet Access

See HSDPA.

HSCSD

(*Also* High-Speed Circuit-Switched Data) A circuit-switched data transmission mechanism that provides improved data transfer rates over GSM networks.

HSDPA

(*Also* Speed Downlink Packet Access) A packet-based protocol used in UMTS networks to speed up transfer rates. It provides much faster download speeds than basic UMTS thus improving the delivery of multimedia etc. over mobile networks.

HTTP

(*Also* Hyper Text Transfer Protocol) The main protocol governing the interaction between web servers and clients (browsers).

HTTPS

(*Also* Hyper Text Transfer Protocol Secure) A protocol for secure transmission of private documents over the Internet.

Hyper Text Transfer Protocol

See HTTP.

Hyper Text Transfer Protocol Secure

See HTTPS.

integrated program

Elisa M-internet can be used to launch various network-dependent programs. The supported program types are Internet browser, e-mail client, VPN client and custom program. These integrated programs can be associated with connections, profiles and program launch buttons (also called task buttons). When a connection with an integrated program is established, the integrated program is automatically started.

Internet Protocol

See IP.

IP

(*Also* Internet Protocol) The basic protocol governing exchange of data between computers across the Internet.

IP address

A numerical address with the form nnn.nnn.nnn.nnn, used to uniquely identify a host computer within an IP network.

LAN

See local area network.

launch button

(*Also* task button) A button in Elisa M-internet that either opens an Internet address in the user's default browser program or starts a network-dependent program.

local area network

A high capacity network covering a small geographical area. *Acronym:* LAN.

profile

A list of connections ordered by preference. You can define several profiles for use in different contexts (different locations, for example), one of which is marked as the active profile. When you connect to the Internet using Elisa M-internet, it tries to connect using one of the connections in the active profile, starting with the first in the list.

roaming

Ability to use your mobile operator's services when connected to other operators' networks (typically in countries other than your home country). Availability of roaming for particular services depends on your service plan type.

Service Set Identification

See SSID.

SSID

(*Also* Service Set Identification) An identifier or name that uniquely identifies a WLAN.

task

A task associates an integrated program and/or a profile with an program launch button in the Elisa M-internet. When you click the button, a connection in the associated profile is established and the associated program is launched.

task button

See launch button.

UMTS

(*Also* Universal Mobile Telecommunications System) A third-generation (3G) mobile or cellular phone technology providing high-speed data connections.

Universal Mobile Telecommunications System

See UMTS

virtual private network

See VPN

VPN

(*Also* virtual private network) A private network established within the public Internet, protected from eavesdropping by means of encryption.

VPN client

A component of a virtual private network, or VPN. A VPN client is a program residing in a computer or other network device that maintains an encrypted tunnel through the Internet from the network device to a VPN gateway. It encrypts all outgoing messages to the gateway and decrypts all incoming messages from the gateway.

VPN gateway

A component of a virtual private network, or VPN. A VPN gateway is a program or device located on the periphery of a secure network such as an intranet that can provide encrypted "tunnels" into the intranet from VPN clients in remote locations. It encrypts all outgoing messages to VPN clients and decrypts all incoming messages from VPN clients.

VPN tunnel

The connection between a VPN client and a VPN gateway through which encrypted data is exchanged.

Wi-Fi

(*Also* Wireless Fidelity) A commonly-used name for 802.11b/g-based wireless LAN technology.

Wireless Fidelity

See Wi-Fi.

wireless LAN

A high capacity wireless network covering a small geographical area. *Acronym:* WLAN.

WLAN

See wireless LAN.