

# TELIA YHTEYS KOTIIN MOBIILI SERVICE DESCRIPTION



This service description tells you what your service includes.  
The service description is part of your Telia Yhteys kotiin agreement.

Telia Yhteys kotiin (hereafter “the subscription”) is a mobile technology-based Internet connection providing access to the Internet in Finland. The subscription always includes Internet access at the agreed transmission speed.

## Activation and features

Coverage has been verified at the customer-indicated place of use. Telia cannot guarantee coverage elsewhere. For each Telia Yhteys kotiin subscription, a choice of Surf Package must be made from the available options. Surf packages enable Internet access in Finland at the transmission speed of the package in question. Data is unlimited. The subscription allows for sending text messages but it cannot be used for making normal mobile calls.

More information about the Surf packages and related supplementary services is available below and at [telia.fi/yhteyskotiin](https://telia.fi/yhteyskotiin). Unless otherwise stated regarding a particular supplementary service in the agreement, in the service-specific terms and/or in the service description, the agreements on the selected supplementary services are valid until further notice.

All the transmission speed classes of the subscription include five (5) email addresses, i.e. mailboxes of 500 MB each. In addition, the customer is provided with admin credentials and credentials for four users (1+4).

## General description of Internet services

A selection of Surf packages is available for inclusion in the subscription. The packages are subject to a monthly charge. Depending on network load, the Surf packages provide the highest data transmission speed available at any given time, but no certain fixed rate can be guaranteed to an individual customer.

Connection speeds depends, for example, on the Internet service, network technology, and the customer’s terminal device. Speed tests are available online for indicative estimates. Telia recommends Nettimittari at [telia.fi/nopeustesti](https://telia.fi/nopeustesti)

The availability of the service may be affected, for example, by an exceptionally high number of simultaneous network users. Due to network load, the Internet connection may essentially slow down briefly, become unstable or be interrupted. If the Internet connection is unstable or interrupted, files or parts of files may be lost, remain undelivered or arrive defective or faulty. This is characteristic of web services and does not entitle the customer to compensations or damages.

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## The estimated maximum transmission speeds of surf packages and ranges of variation by network technology

The tables below list the estimated maximum transmission speeds and ranges of variation. The advertised transmission speed of the subscription is no higher than the maximum transmission speed.

### M-package

Network technology	Maximum rate of incoming traffic	Range of variation in incoming traffic	Maximum rate of outgoing traffic	Range of variation in outgoing traffic
2G	0,2 Mbit/s	0,02 -0,2 Mbit/s	0,1 Mbit/s	0,01-0,1 Mbit/s
3G	40 Mbit/s	0,4-40 Mbit/s	4 Mbit/s	0,1-4 Mbit/s
4G	50 Mbit/s	10-50 Mbit/s	50 Mbit/s	3-50 Mbit/s
4G+	50 Mbit/s	10-50 Mbit/s	50 Mbit/s	3-50 Mbit/s

### L-package

Network technology	Maximum rate of incoming traffic	Range of variation in incoming traffic	Maximum rate of outgoing traffic	Range of variation in outgoing traffic
2G	0,2 Mbit/s	0,02 -0,2 Mbit/s	0,1 Mbit/s	0,01-0,1 Mbit/s
3G	40 Mbit/s	0,4-40 Mbit/s	4 Mbit/s	0,1-4 Mbit/s
4G	100 Mbit/s	10-100 Mbit/s	50 Mbit/s	3-50 Mbit/s
4G+	100 Mbit/s	10-100 Mbit/s	50 Mbit/s	3-50 Mbit/s

### XL-package

Network technology	Maximum rate of incoming traffic	Range of variation in incoming traffic	Maximum rate of outgoing traffic	Range of variation in outgoing traffic
2G	0,2 Mbit/s	0,02 -0,2 Mbit/s	0,1 Mbit/s	0,01-0,1 Mbit/s
3G	40 Mbit/s	0,4-40 Mbit/s	4 Mbit/s	0,1-4 Mbit/s
4G	100 Mbit/s	10-100 Mbit/s	50 Mbit/s	3-50 Mbit/s
4G+	200 Mbit/s	10-200 Mbit/s	50 Mbit/s	3-50 Mbit/s

You can check the network technologies available in your region and their estimated maximum speeds at [telia.fi/kuuluuus](http://telia.fi/kuuluuus).

The data transmission rate is also affected by the technology of the equipment in use. Consult the hardware manufacturer's instruction manual for the network features supported by your device.

2G: This is often shown with the G or GPRS icon in the device. This is the slowest and oldest of connection technologies. The speed is sufficient for using text-based services and slow loading of mobile-optimised pages. If the device is

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showing the E symbol, the technology is EDGE, slightly faster than GPRS. With this technology, mobile-optimised pages load slightly faster. Images will load slowly.

3G: With this technology, using common online services will be faster. It is also possible to listen to music and view videos. H and H+ are faster versions of 3G. They stand for HSDPA. These newer versions of 3G guarantee faster data transfer and better user experience.

4G/LTE: Compared to the 3G technology, 4G is better suited to telecommuting, fast video playback and downloading larger files.

4G+/LTE+: The newest devices can use the latest and fastest version of 4G. The speed can be up to triple the speed of a normal 4G connection. This is the best network technology for efficient telecommuting or playing back high-definition video. This technology is currently only available in select urban areas.

## Limitations

The customer is not entitled to resell services provided by Telia, carry a third party's traffic through the service or distribute the service to third parties. Nor must the service be used primarily for routing calls between different networks. Unless the customer has otherwise agreed with Telia, it is forbidden to use servers or install servers in the service network that allow external access. However, it is permitted to connect a server for normal home use.

Further, the service must not be used with automatic mailing systems for direct marketing or other purposes.

## International usage

As a default, the service cannot be used abroad, but the block can be removed. After that, it can be used in the networks of those operators with whom Telia has a valid agreement. The service quality and features, however, may differ essentially from Telia's services in Finland. The invoicing bases described in this service description only apply to use in Finland. The Internet access charges and invoicing bases related to usage abroad are indicated in the current price list.

## Traffic management and information security

Network traffic is managed on account of strong and often unforeseeable variations in traffic volumes, which may cause momentary congestion in different parts of the network. Traffic management mechanisms are used to ensure that critical services and applications continue to work reliably in cases of congestion.

As a rule, customer effects are small (for example, a momentarily lower data transmission speed or increased delay) and occur during peak congestion times. These effects are usually attributable to network problems or external disturbances, such as DoS attacks.

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Traffic management methods include, for example, queuing, prioritisation, restriction and signalling about the congestion to the customer's applications. The methods are automated, and their dynamic effects on each individual application cannot be estimated accurately and specifically. Network performance is constantly monitored and traffic flows optimised, and network capacity will be increased such that the effects of the traffic management on the customer are as small as possible, whatever the service or application.

By default, network address translation (NAT) is used in the service. Consequently, the service is not assigned a public, individual IP address and no data transmission connection from public Internet to the subscription can be established. By paying an extra charge, however, the customer can activate or adopt a public IP address, whereby a data transmission connection from the Internet to the subscription can be established. The subscription supports the IPv4 protocol but not the IPv6 protocol.

If necessary on account of an exceptional information security threat or to ensure normal operation of the network, Telia may use traffic management methods that can affect the service user's applications, services or content or may be attributable to the recipient, sender or terminal device. This includes, for example, traffic filtering, which is used in DoS attacks, or temporary disconnection of the customer's service, for example in cases where a customer device causes significant problems or disturbance or where the service is used to transmit spam or malware.

In addition, for reasons of service availability or filtering of malicious traffic or for another information security reason, Telia may temporarily restrict the use of the service either by preventing the use of certain communications methods (protocols) or ports or by temporarily disconnecting the web service of the subscription. Automated systems may be used to restrict traffic or temporarily disconnect Internet services.

The traffic management methods include, for example, restriction of network usage based on court order in order to block access to network services used for unauthorised distribution of content protected by copyright. Such restrictions may be implemented in such a manner that the user's access to network addresses will be blocked or that addresses of some network servers will not be transmitted to the service user from Telia's domain name service.

The traffic management methods also include port blocks to prevent abuse of vulnerabilities in the service user's terminal devices.

Connecting a terminal device to the public Internet and installing software and/or applications involve threats (for example, viruses and other malware) that may impair communications or jeopardise the availability and/or confidentiality of the data on the terminal device. The customer is responsible, under all circumstances, for the protection, information security and functionality of the devices (for example, computer or router), systems and Internet connection they use. The information security can be improved by means of information security services.

Telia communicates any information security matters and changes to the rules of use on Telia's website at [telia.fi/tietosuoja](https://telia.fi/tietosuoja).

New security threats appear continuously, and an up-to-date list of traffic management methods and methods used to ensure information security is available at [telia.fi/tietoturvainfo](https://telia.fi/tietoturvainfo)

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## Invoicing

The subscription is subject to a monthly charge as listed in the Surf Package price list. Any supplementary services activated for the subscription are subject to the charges listed in the current price list. You can change your Surf package once per invoicing period. If you change your subscription type to Yhteys kotiin, the change is effective immediately and the Yhteys kotiin pricing plan and selected Surf package become immediately applicable. For the change period, only the monthly charge for the package valid at the end of the invoicing period is charged. A monthly charge is collected for the month in which the Surf package is activated, if the package has been used.

The monthly subscription charge is charged in periods of about one month in accordance with the customer's invoicing group. If the customer opts for electronic invoicing (Email Invoice, Electronic Invoice or e-Invoice), invoicing is free of charge. Printed invoices are subject to the current listed price.

For consumer customers, the period of notice of the subscription is two (2) weeks. The final invoice will be charged on a day-to-day basis until the date of expiry, unless the subscription is terminated to expire at the end of the invoicing period. Fixed-term agreements cannot be terminated during the agreement period. A fixed-term Device Agreement can be terminated by paying the listed early termination charge and the remaining instalments for the invoicing period in a single payment.

## Other terms and conditions

Due to the technical implementation of the data processing, some data may be located on servers of Telia's external subcontractors and processed over a technical connection. Data will not be transferred outside the EU or EEA areas, unless it is necessary for the provision of the service.

Any issues not mentioned in this service description are subject to Telia's General Delivery Terms for Consumer/Business Customers concerning Services, valid at any given time.