IM+

Multi-system Mobile Instant Messenger for Nokia 7650/3650

Version 2.14

1 Introduction

With **IM+** the most popular instant-messaging systems: ICQ, MSN and AOL are available on your Nokia 7650/3650.

The main IM+ 2.0 features are:
- IM+ makes direct connection to the supported services, without any «gate» in the middle. It's very important, because it means that you connected to your favourite services as a full rights user. So, your connection will never be blocked out because of some «difficulties» between target service and the «gate» operator!
- File transfer through ICQ and AOL to and from other IM+ clients (IM+ for Win 32 and IM+ 2.0 for Nokia 7650). E.g. now you don't have to pay the expensive MMS traffic, you can just send your photos via ICQ for normal GPRS tariff!
- You can send and receive Instant MMS (IMMS) messages to other IM+ clients on ICQ and AOL (IM+ for win 32 or IM+ 2.0 for Nokia 7650)
- Contact list management functions, including facilities to add a new contact, to delete a contact and to change nick of a contact.
- IM+ keeps the contact list information on the respective servers. So, IM+ and your convenient desktop client always use just the same contact list. You can add new user in your contact list with IM+ and you will see this user on next connection with your desktop client.
- Simultaneous connection to all selected systems
- Full presence status support
- Authorization for presence status subscription.
- Traffic counter
- Sound alert

2 Installation

Read the chapter 12 of your Nokia 7650/3650 User's Guide first to learn, how to install new software on your Nokia 7650/3650 using "Manager" tool or PC Suite installation tool.

1. Start the installation program (Either Manager Tool, if you install IM+ directly from your 7650/3650 phone, or PC Suite installation tool, if you install IM+ from your PC)
2. After you have started the installation program, select the IM+ installation file from the location you have saved it to before. If you haven't renamed it, the file name should be "implus.SIS".
3. A security warning message appears. Click install to continue the installation.
4. A Certificate message appears. Click "next" to continue the installation.
5. A choose language message appears. Select your language and click "next" to continue the installation.
6. Select installation target message appears, select "C" and click next.
7. Installation is finished.

3 Key-top marking

There are different keys of telephone which are used in IM+. We will define the names of keys which are used in this manual in the picture below:

You can access the program's menu with Left Softkey (1).

4 Registration

If an unregistered version of program is started you see message about using of trail or unregistered program. You can press 'Register' [Right Softkey (2)] button to start the registration procedure.

Installation key will be shown. You must send it to imsupport@shapeservices.de to receive the Registration Key.

After Next [Left Softkey(1)] button is pressed you'll find the proposition to enter the Registration Key. If you haven't receive the registration key yet, press 'Cancel' [Right Softkey(2)].
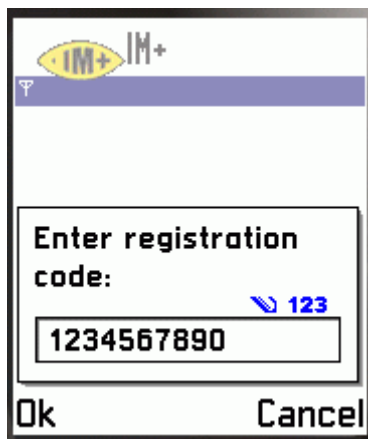
If the registration key is correct the following message is shown:

5 Setup

You should setup login information for each service you wish to work with.

The usual and most convenient way is using IM+ with just the same ICQ, AOL and MSN accounts that you use on your desktop PC.

You can create a new account and get additional information about the IM system on the respective home sites:

ICQ 2001b/2002a (ICQ)   www.icq.com
AOL Instant Messaging (AOL)   www.aol.com
MSN Instant Messaging (MSN)   www.msn.com

Note:
IM+ does not provide facilities to create new account from itself. Some service (e.g., ICQ) supports a lot of configuration options for privacy, authorization mode and so on. IM+ does not support control such options, so we recommend use a standard desktop client for this kind of adjustments.

5.1 ICQ setup

Choose the menu item **Services / ICQ / Preferences.**

Host: By default it is login.icq.com.
If you are going to setup IM+ for a corporate ICQ server then you should contact you system administrator for this setting
Port: Standard ICQ port is 5190, but ICQ server really accept connections to any port
Login: Your ICQ UIN. This is a digital value from 7 to 11 figures, which you have received after the registration for ICQ service
Password: Your ICQ password
Attempts to reconnect: Number of connects attempts to be done before the connection would regard as failed. As a rule, two attempts will be enough. If you network connection is unstable it may be desirable to increase this setting.
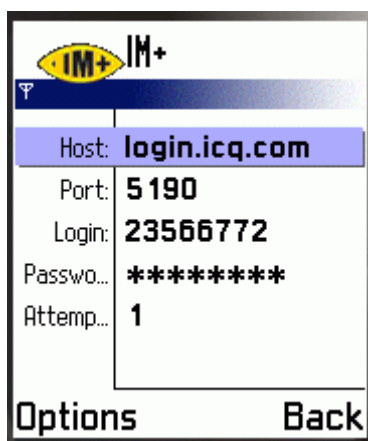
5.2 AOL setup

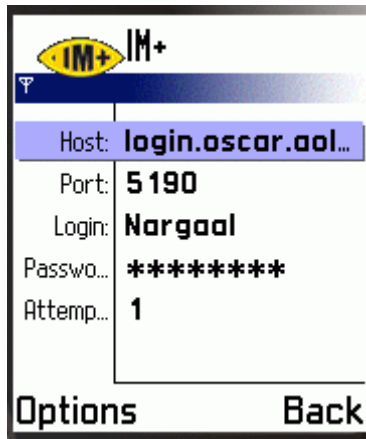Choose the menu item **Services / AOL / Preferences.**

Host: By default this is login.oscar.aol.com.
Port: Standard AOL port is 5190, but AOL server (just as ICQ) really accept connection on any port

Login: Your «screen name», which you've received after the registration for this service (e.g.: «BobSmith», «Tiptop»)

Password: Your AOL password

Attempts to reconnect: Number of connects attempts to be done before the connection would regard as failed. As a rule, two attempts will be enough. If you network connection is unstable it may be desirable to increase this setting.

5.3 MSN setup

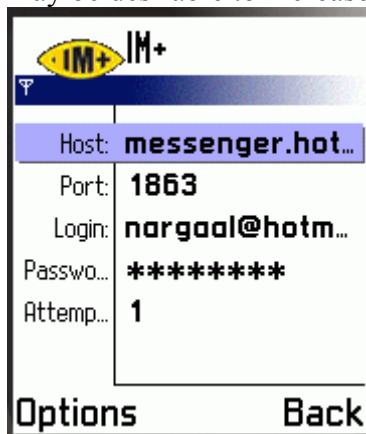Choose the menu item **Services / MSN / Preferences.**

Host: As a rule this is a messenger.hotmail.com.

Port: Standard MSN port is 1863

Login: Your e-passport, which you've received after the registration for this service (e.g.: «bob@hotmail.com»)

Password: Your MSN password

Attempts to reconnect: Number of connects attempts to be done before the connection would regard as failed. As a rule, two attempts will be enough. If you network connection is unstable it may be desirable to increase this setting.
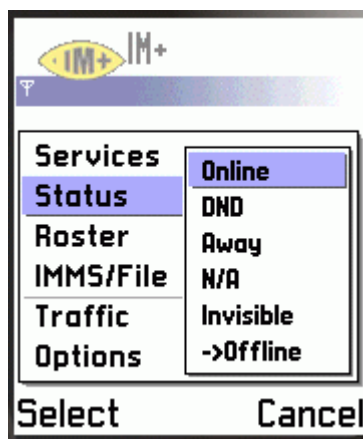
6 Connection and presence status

Connection to the certain service can be initiated by choosing the menu item **Services / <service name> / Connect.** The menu item **Services / Connect all** initiates connect to all configured services.

Correspondingly, the menu items **Services / <service name> / Disconnect** and **Services / Disconnect all** close active connections.

The menu item **Services / <service name>** include submenu in which you can input your presence status in the concrete IM- system by default:
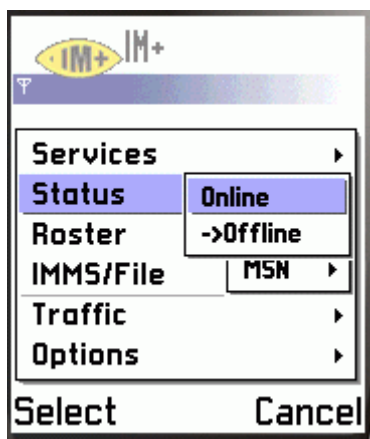
The presence status in AOL   The presence status in ICQ and MSN

The presence status is adjusted separately for each service. After connect to each server the presence status will be automatically restored to the last status you have set for this service.

7   Contact list

All supported services (ICQ, AOL, MSN) allow storing contacts information (address book) on the server side. It means that you desktop PC client and IM+ can easily share the same contact list and no synchronization IrDA port or Bluetooth is required. So, if you have a lot of friends in your ICQ contact list don't worry that you have to register all of them in IM+ manually – IM+ receive the list from the ICQ server.

Note: Some old versions of desktop ICQ and AOL software save the contact list on the client side rather then on the server side. In this case it might be useful to upgrade the desktop client software.

After connection to each server IM+ loads the client's contacts and includes them to the common contact list, which is always displayed in the main window. After disconnection from the server IM+ excludes related contacts from the list.

Each contact in the common contact list is marked with the icon, which indicates current presence status and service system of the contact - please look through the table as following

Icon	Current presence status	Service
	Online	ICQ
	Free For Chat (Chat)	ICQ
	Do Not Disturb (DND)	ICQ
	Away	ICQ

	Invisible	ICQ
	Extended Away (N/A)	ICQ
	Offline	ICQ
	Online	AOL
	Offline	AOL
	Online	MSN
	Do Not Disturb (DND)	MSN
	Away	MSN
	Invisible	MSN
	Extended Away (N/A)	MSN
	Offline	MSN

If you get a message from the user the presence icon is changed to the message icon: (there are unread messages). If you have read all of message of the user, but haven't deleted them, the icon is changed to: (there are read messages).

7.1 Operation with contact list

When the contact list is displayed in the window, following buttons are available:
- Up (3) / Down (5) — move around the contact list
- Right Softkey (2) — send message to the selected user
- "OK" Button (7) — read messages (if there are any) from the selected user

7.2 Contact list change sound

In order to trace changes in the contact list it is possible to use sounds on receipt of new message or changes of user status from 'offline' to any other status(e.g. 'away', 'online', 'invisible').

For initiation/ deactivating sounds choose the menu item **Options/Enable sound** and **Options/Disable sound** correspondingly.

7.3 Hide offline mode

If you don't like to overload your contact list with the "offline" status users you can initiate "Hide offline mode". In this case only the users, whose status is not "offline" or whose messages are not read yet are displayed in the contact list.
The mode is initiated by choice the menu **Roster/Hide offline mode** and cut off by choice **Roster/Show offline mode**.
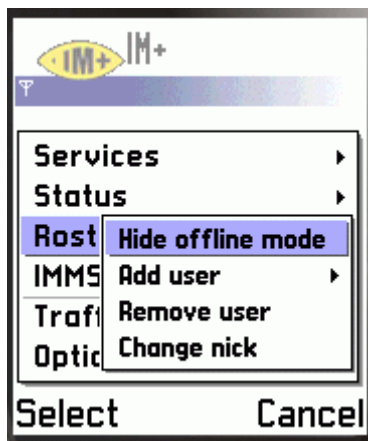
8   Contact List management

IM+ supports such facilities as adding user in your contact list, deleting the contact list item and changing nick of the user. IM+ also processes incoming request for authorization.

Please note: IM+ saves the contact list information on the server side, so you have to be connected to the corresponding server to manipulate your contact list entries.
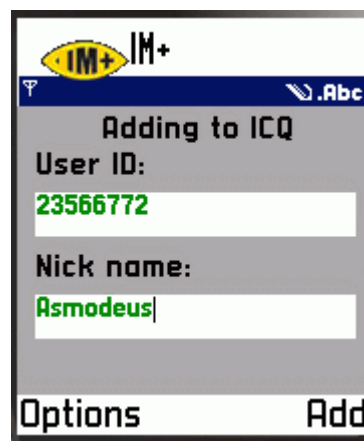
8.1 Adding user

To add new user to the contact list you need open the menu **Roster** / **Add User / Add to <service name>**. Before the form "Adding user to <service name>" is opened the list of the groups of this service is shown, and you have to choose one of the groups to add this user to.

Note: if you haven't got any group yet, IM+ for Nokia 7650/3650 makes group 'General' for you automatically.
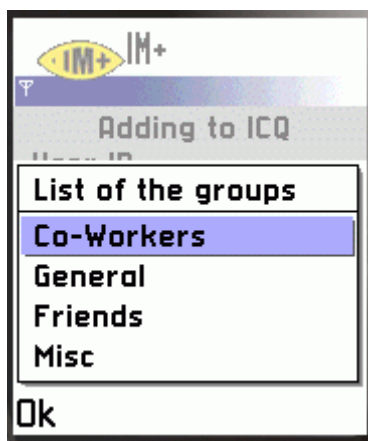
The list of the groups before adding.   Adding to ICQ

- **User ID** - the unique identification of the user you want to add. Format of this field depends on service:
  ICQ: UIN – a digital value from 7 to 11 figures (e.g.: 123456789).
  AOL: «Screen name» (e.g.: BobSmith)
 *MSN*: e-passport (e.g.: BobSmith@hotmail.com)

- **Nick name** – name you like to associate with the user in your contact list. This is a string, which you can select freely.
  Please note: AOL does not support this facility. So, for AOL user Nick always just the same as the User ID

Command buttons:
- Right Softkey (2) — add the user
- "Green" button (9) — cancel

8.2 Deleting user

To delete user from the contact list you need choose the menu item **Roster** / **Remove User.**
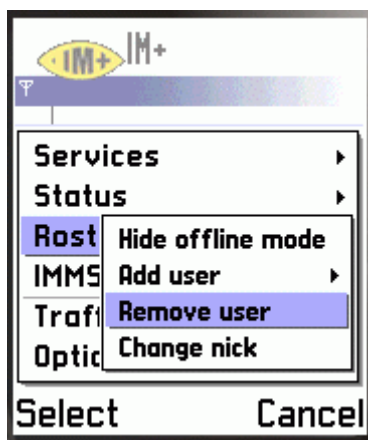
This deletes the active item from your contact list.

8.3 Contact Nick Changing

To rename user in your contact list you need choose the menu item **Roster** / **Change Nick** and enter desirable name in field **New nick**. You can select the nick freely.

Please note: AOL does not support this facility. So, for AOL user Nick always just the same as the User ID

Command buttons:
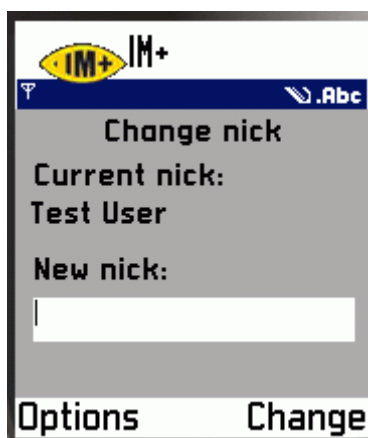- Right Softkey (2) — change nick
- "Green" button (9) — cancel

8.4 Incoming request for authorization.

In case incoming request for authorization the dialog is displayed. You can permit or forbid it (Yes [Left Softkey(1)]/No [Right Softkey(2)]). If the user, who requests authorization, isn't at your contact list, you get an offer to add him to the contact list. If you agree the adding user form is opened.

Request for authorization
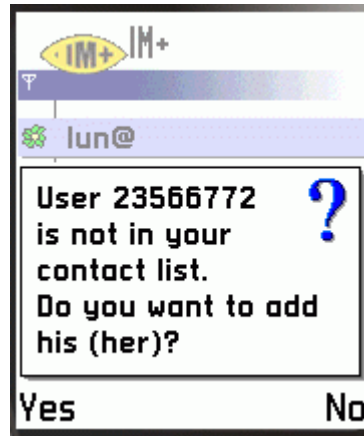
Offer to adding

9   Sending messages

To send messages you should select a user in the contact list and press Right Softkey (2). After that the edit form for messages to send is opened.

Note: you can't send messages to AOL users, whose *presence status is offline.*
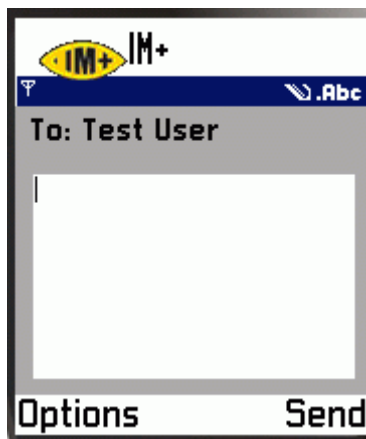
- **To:** — nick of the recipient user.

Lower field is intended for the input of the text.

Command buttons:
- Right Softkey (2) — send the message
- "Green" button (9) — cancel

10 Reading messages

If a message of the user comes you can read it by choosing the user in your contact list and pressing "OK" button (7). Then the message read dialog is opened.

- **From:** — nick name of the user who send this massage

Lower field contains the message of this user.

Command buttons:
- Right Softkey (2) — to return to the contact list
- "Green" button (9) — to answer to the message.
- "OK" button (7) — to read messages from another user (if there are any)
- Left (6)/Right (4) — to read previous/next message of this user.
- Up (3)/Down (5) — the scroll the message.

Info: at the end of the message you will see the time when it was received.

If you receive a message from the user, who isn't in your contact list, you will be asked whether you'd like to add this person to the contact list. If you agree, the form of adding of the user to the contact list is opened. Otherwise the message will be ignored.

11 File Transfer / IMMS

In IM+ 2.0 you can send and receive file or IMMS with ICQ or AOL to other IM+ clients.

You can sent and receive files or IMMS to/from IM+ Win32 on your desktop or IM+ 2.0 on other mobile device. In «IM+ to IM+ mode» file exchange in supported even if both partners are behind firewalls.
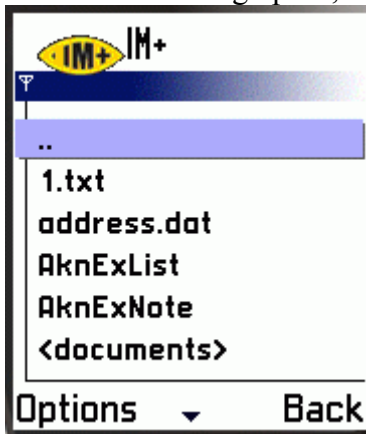IM+ for Win32 can be downloaded from www.shapeservices.de. It's free.

11.1 Sending Files

Choose in your contact list user, whom you want to send file. His status must be ONLINE, CHAT or HIDDEN (for ICQ) and ONLINE (for AOL). Then choose the menu item **IMMS/Files / Send file**.
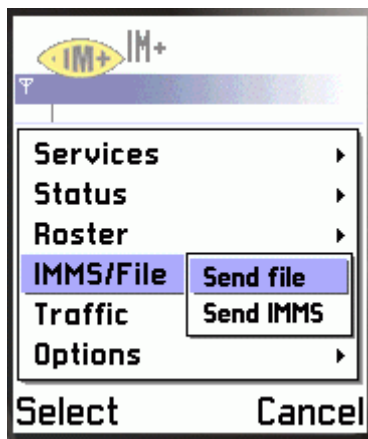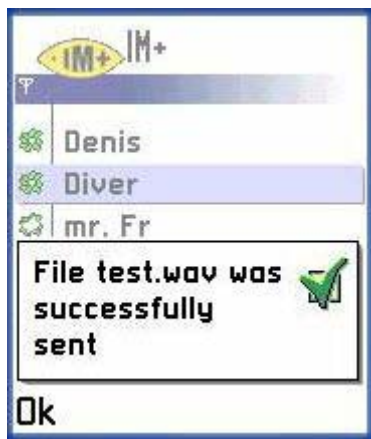
A select file dialog opens, and you can select the file using the integrated file browser.

Input a description of your file. After you did this press OK button, which appears in the left bottom corner, the file delivery starts, and you will see progress bar on top of your screen.

When the following message appears, the file has been transmitted successfully.

11.2 Receiving files/IMMS

When somebody starts to sent file to you, this message will be shown on the screen.

If you press no the file won't be sent, otherwise you will begin to receive the file and at the end of this process following message will appear on the screen.

And you can find receiving file in the folder which contain sending user ID in the name, and this folder is located in C:\SYSTEM\APPS\IMplus\receivedFiles\

11.3 Sending IMMS

Choose in your contact list user, whom you want to send IMMS. His status must be ONLINE, CHAT or HIDDEN (for ICQ) and ONLINE (for AOL). Then choose the menu item **IMMS/Files / Send IMMS**. A select photo dialog opens, and you can either select the photo file using the integrated file browser, or make a new photo or skip the photo and proceed to sound file.

If you select making a photo yourself, you will see a preview window. Focus it on the object you want to take a picture of and then click on "photo".
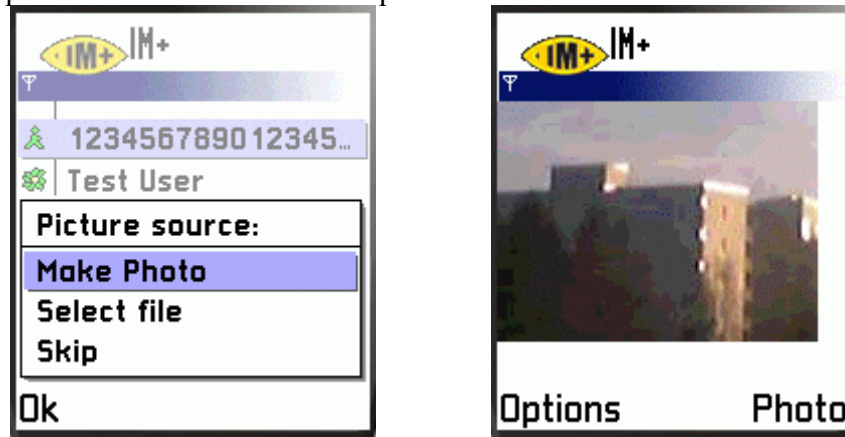
Then a select sound dialog opens, and you can either select the sound file using the integrated file browser, or record a new sound or skip the sound file.
If you select recording your file, record will begin immediately; you can finish it by pressing "stop". Note the sound will be recorded as WAV and can be played on any computer. The .arm sounds can be played only on IM+ 7650.
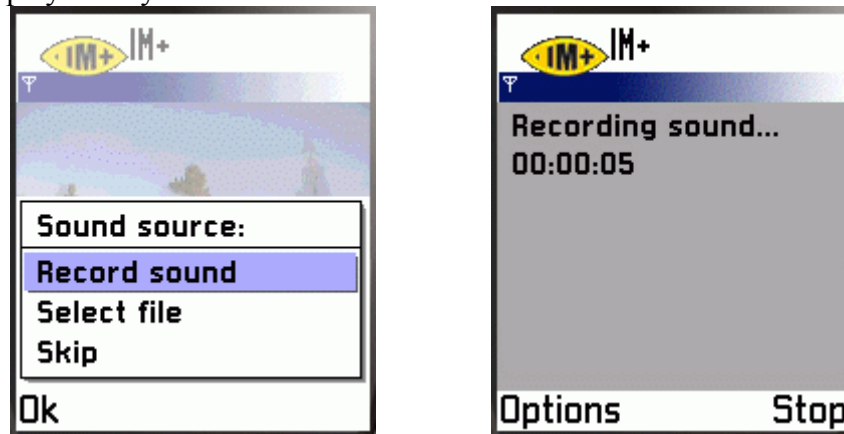
Input a description of your IMMS. After you did this press OK button, which appears in the left bottom corner, the file delivery starts, and you will see progress bar on top of your screen.

You will be told if the message was transmitted successfully or transmitting has failed.

12 Showing of the expended traffic.

You can easily check volume of the traffic, generated by IM+.
These modes are available:
- Showing of the general traffic — choose the menu item **Traffic / Show global**
- Showing of the service traffic (since last reset of statistics) — choose the menu item **Traffic/<service name>/Show total**
- Showing of the service traffic within last session — choose the menu item **Traffic/<service name>/Show by session**

You can cleaned statistics for the chosen service with menu item [**Traffic/<service name>/Reset**].
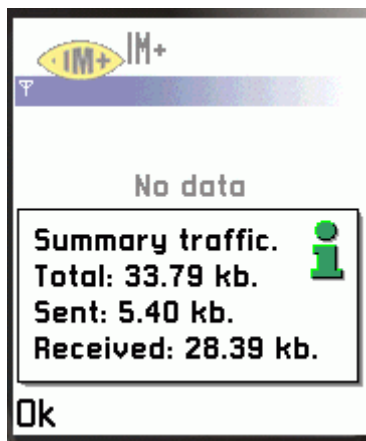
13 Menu About

You can see information about IM+ version and its creator by choosing the menu item **About.**

14 FAQ: Frequently Asked Questions

IM+ for Nokia 7650/3650 reports "connection to server failed"

A: This may have many reasons:

1. You have no active connection. IM+ normally offers you to establish a connection through available access points. Just select the access point.

2 You just have left Bluetooth or IrDA connection area, so Nokia 7650 "thinks" it is still connected to Internet through Bluetooth or GPRS. Just exit the program wait a little bit and try to connect again, now you should be able to select your access point

3. IM+ needs TCP/IP connection and some opened TCP/IP ports to be able to connect.

 Many GPRS provider may limit the number of available services for price plans with low/ without monthly charge. E.g. Vodafone Germany limits it to WAP for plans without monthly charge. IM+ won't be able to connect through GPRS in this case.

This normal GPRS connection is usually called GPRS Data and the WAP limited connection GPRS WAP. Some providers have two different access points for these to connections; make sure you have selected the correct one.

Ask your mobile Provider if TCP/IP connection is available for your price plan, which access point you should choose and which ports are opened. Put these ports in your connection settings. If standard ports do not work, try one of these ones, they are often opened: 80, 443, 110, 25, 143, 53, 8080

4. If the connection suddenly was lost, or you were disconnected during the login operation the ICQ/AOL/MSN server may still "think" you are logged in and don't allow you to connect again. To avoid this just select disconnect from the connection menu, so he server now receives a disconnect command and logs you out. Now you can connect normally again.

5. If GPRS connection is not constant though GPRS icon is on. It may happen during a storm or thunder in some regions.
In this case IM+ may not be able to download the contact list, because it contains much data and some IP Packages may be lost.
Just try to reconnect several times, or wait until the connection is constant again.

IM+ reports "You have to configure ... transport first"!

A: You have to setup ICQ/MSN/AOL access data before you use the program. Just put the same access data as you have on your desktop PC. Read the setup section of the user's manual for more information.