



MacSuite for the Nokia 9110 and 9110i Communicator

User's Guide

Please refer to the user guide of the product for instructions on operation, care and maintenance, including important safety information.

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TABLE OF CONTENTS

| | |
|---|-----------|
| STARTUP..... | 7 |
| WHAT IS MACSUITE?..... | 7 |
| SYSTEM REQUIREMENTS | 7 |
| INSTALLING AND STARTING MACSUITE | 7 |
| MAIN WINDOW AND MENUS | 8 |
| <i>MacSuite's menu structure</i> | 9 |
| PREFERENCES..... | 10 |
| REGISTERED COMMUNICATORS | 10 |
| CHANGING THE COMMUNICATOR NAME | 10 |
| CONTACTS..... | 11 |
| CONTACTS DISPLAY..... | 11 |
| CREATING A NEW CONTACT | 11 |
| EDITING CONTACTS..... | 11 |
| EDITING CONTACT GROUPS | 12 |
| MAKING A CONTACT CARD TEMPLATE..... | 12 |
| UPDATING CONTACTS TO/FROM THE COMMUNICATOR | 13 |
| UPDATING FROM FILE | 13 |
| IMPORTING/EXPORTING TEXT DATA | 13 |
| IMPORTING CONTACTS DIRECTLY TO THE COMMUNICATOR | 13 |
| EXPORTING CONTACTS FROM THE COMMUNICATOR..... | 14 |
| FILE TRANSFER..... | 15 |
| FILE TRANSFER DISPLAY | 15 |
| TRANSFERRING FILES FROM A MAC TO THE COMMUNICATOR | 15 |
| CONVERSIONS AND FILE NAMING | 15 |
| TRANSFERRING FILES FROM THE COMMUNICATOR TO A MAC | 16 |
| BYPASSING THE TEXT CONVERSION | 16 |
| CREATING FOLDERS | 16 |
| RENAMING FILES AND FOLDERS | 16 |
| EXAMPLE OF USING FILE TRANSFER: SENDING AN SMS..... | 16 |
| BACKUP AND RESTORE | 17 |
| MAKING A BACKUP..... | 17 |
| RESTORING A BACKUP | 18 |
| INSTALLING AND REMOVING SOFTWARE | 19 |
| INSTALL SOFTWARE ON THE COMMUNICATOR..... | 19 |
| REMOVE INSTALLED SOFTWARE FROM THE COMMUNICATOR | 19 |
| APPENDIXES..... | 21 |
| A: SERIAL CABLES AND USB CONVERTERS..... | 21 |
| <i>Standard Mac serial port</i> | 21 |
| <i>USB</i> | 21 |
| <i>Select a serial port</i> | 22 |
| B: BASIC TROUBLESHOOTING | 23 |
| INSTALLATION..... | 23 |
| CONNECTING | 23 |
| FILE TRANSFER | 23 |



Startup

What is MacSuite?

With MacSuite you can manage data in your Nokia 9110 Communicator with a compatible Macintosh® computer; you can for example:

- Retrieve contacts data from the communicator, edit and update it.
- Import data from or export data to other contact applications by using tab- or comma- delimited text files.
- Transfer received faxes and short messages from your communicator to your desktop.
- Transfer notes for a meeting to your communicator from your desktop.
- Backup data from your communicator.
- Install add-on software to your communicator.

System requirements

- Apple Macintosh, with MacOS 7.5.3 or higher.
- QuickTime® for handling images.
- MacSuite requires 8 MB or more memory.
- A standard Macintosh serial port with a null modem cable and adapter, or a USB port with a serial converter.

Installing and starting MacSuite

1. Open the installation disk image, named **MacSuite.smi**, which you received on the CD-ROM package (or downloaded from the Internet), by double-clicking the icon. The opened distribution disk named MacSuite Folder can then be found on the desktop.



2. Copy the MacSuite Folder to your hard drive: click and drag it to the destination folder. Finder copies the contents to the location. Now you have installed MacSuite. You can then remove the distribution disk image, named MacSuite Folder, from your Desktop by dragging its icon to the Trash.

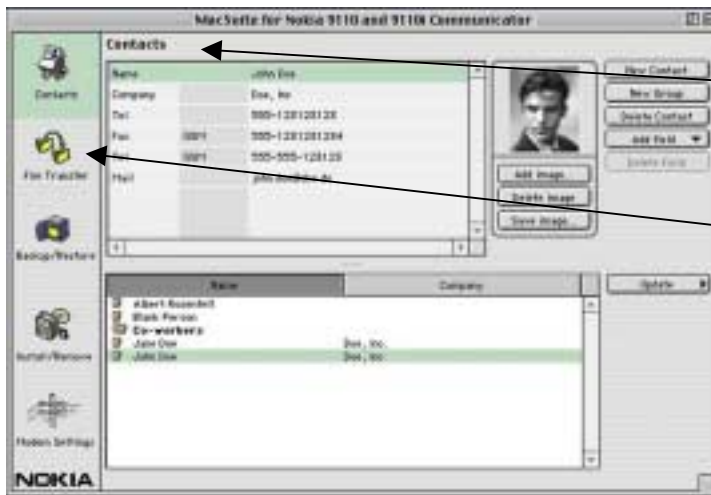
Note: Do not send the folder you copied onto your hard drive to the trash. Start the MacSuite by double-clicking the MacSuite icon in the MacSuite folder.



Main window and menus

Everything in MacSuite is done within the main window. Switching between components changes the contents and layout of the main window.

Components can be activated by pressing one of the component buttons on the left-hand side, or selecting an item from the Components menu.

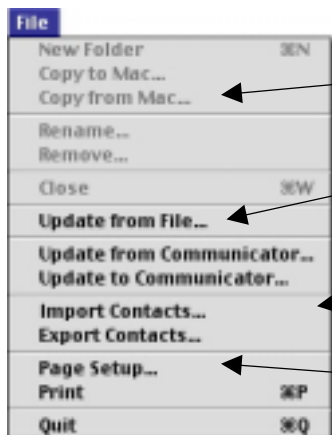


The name of the active component

MacSuite's component buttons.



MacSuite's menu structure

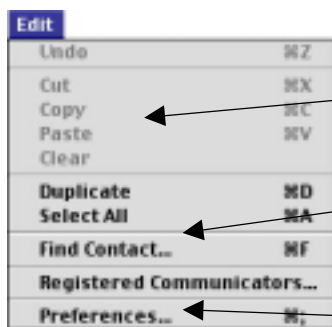


These items can be used when the File Transfer option is enabled.

If you have used NServer software for the Macintosh in the past to export contacts, you can read the file into the MacSuite's contacts with this command.

Update the current contacts to the communicator, or get the currently connected communicator's contacts and update them to MacSuite's contacts.

You can import/export contact data via comma- or tab-delimited text files.

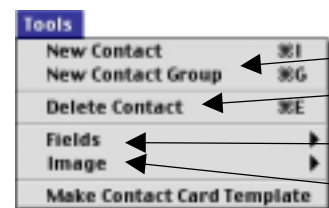


Editing commands.

Use this command if you want to find information in the Contacts list.

Edit the names of registered Communicators

Set MacSuite's preferences.



Add a new contact or a contact group to MacSuite

Delete a selected contact or group

Add/remove fields of currently selected contact

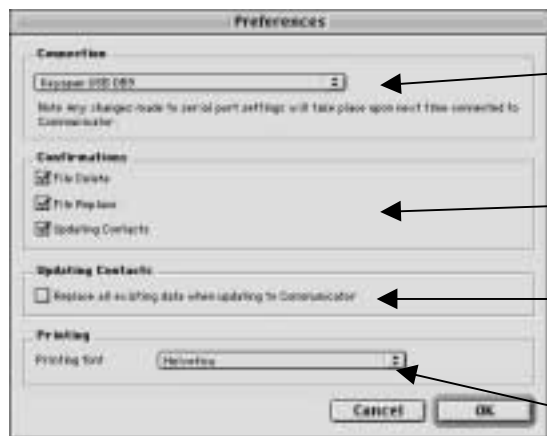
Add/remove an image to/from a contact

Make the currently selected contact the pre-set template for new contacts.



Preferences

You can set MacSuite's preferences in the Preferences dialogue box, which can be opened by selecting Preferences from the Edit menu.



Select the serial port to be used from this popup menu. It shows all serial ports currently installed.

When using the File Transfer component, some operations have safety warnings. They can be overridden here.

When updating the communicator contacts, existing data can be deleted before importing new data. If this option is not checked, then the communicator tries to match records and adds new contacts accordingly.

Select the font to be used when printing.

Registered Communicators

MacSuite identifies Communicators by a serial number (the IMEI number of the phone). MacSuite allows you to assign a more readable name for your communicator.

When connecting a communicator for the very first time it is assigned with the default name "Nokia 9110", and it is added to MacSuite's Registered Communicators list. The name of the connected communicator is shown in the bottom of the main window.

In the Registered Communicators list you can assign a name to the connected communicator.

Changing the communicator name

1. Open the Registered Communicators list by choosing the Registered Communicators command in the Edit menu.



2. Choose the row you wish to edit and click the Edit-button, or double-click on the row. You cannot edit the serial number of the communicator (which is the IMEI number of the phone).



3. The list can be transferred from MacSuite to a file, or read from a file, using the Import/Export buttons.

4. To remove unwanted entries, select the row and click Remove.

Contacts

Contacts display

To activate the Contacts display, press the Contacts button on the component toolbar on the left-hand side of the main window, or select Contacts in the Components menu.

Tools

| | |
|----------------------------|----|
| New Contact | ⌘I |
| New Contact Group | ⌘G |
| Delete Contact | ⌘E |
| Fields | ▶ |
| Image | ▶ |
| Make Contact Card Template | |

The Tools menu is only activated when editing Contacts.



Buttons for quick editing of contacts and contact groups.

Buttons for editing contact images. A contact card must be selected.

The contents of the selected contact card are shown here.

List of contacts and groups in your communicator.

Creating a new contact

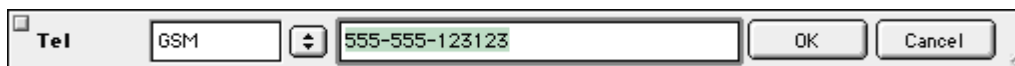
To create a new contact, click the New Contact button in the Contacts display or select it from the Tools menu. A new contact, with default fields appears (the default field layout can be changed using the Make Contact Card Template command – see below).

Editing contacts

To edit a contact in the contacts list, select it.



Fields can be edited either by writing directly in the field or double-clicking them to bring up the Edit Field dialogue box.

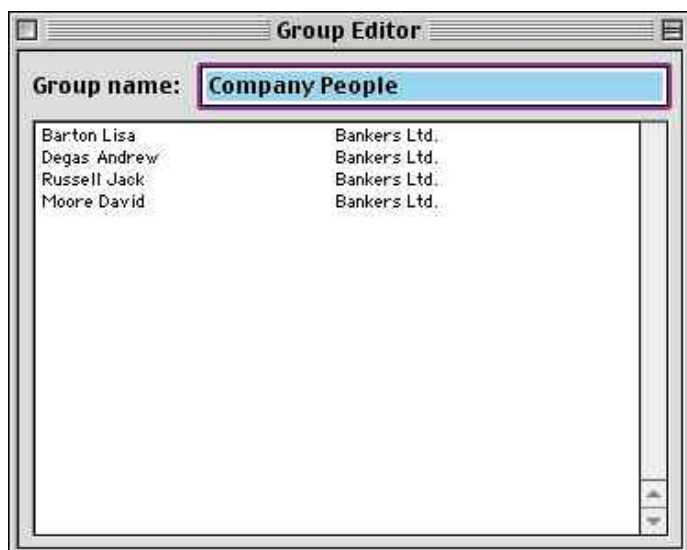


Address and Notes fields can only be edited in the Edit Field dialogue box, since they can include several rows of data; when not in Edit Field dialogue, the Address and Notes data is visible on one row (all the information has been saved).

You can delete the selected contact by choosing the Delete Contact button in the Contacts display or by choosing the item from the Tools menu.

Editing contact groups

To create a new contact group, click the New Group button in the Contacts display or select it from the Tools menu. A new group with a default name is created. To edit a group double-click it in the contacts list, thus launching the Group Editor window.



| Name | Company |
|--------------|--------------|
| Barton Lisa | Bankers Ltd. |
| Degas Andrew | Bankers Ltd. |
| Russell Jack | Bankers Ltd. |
| Moore David | Bankers Ltd. |

Drag contacts from the contacts list (or from other group windows) to add them to a group.

You can delete the selected contact by choosing the Delete Group button in the Contacts display or by choosing the item from the Tools menu.

Making a contact card template

A new contact card has a default field layout. This layout can be changed by selecting a contact in the contacts list and then making its content the default layout, by selecting Make Contact Card Template... .



| Tools | |
|----------------------------|----|
| New Contact | ⌘I |
| New Contact Group | ⌘G |
| Delete Contact | ⌘E |
| Fields | ▶ |
| Image | ▶ |
| Make Contact Card Template | |

Updating contacts to/from the communicator

Remember to set in the Preferences window whether you want to replace existing contacts data when updating to the communicator.

MacSuite always updates it's contact database when receiving contacts from the communicator.

You can empty MacSuite's contact database by selecting all contacts and choosing the Delete Selected button or the menu item from the Tools menu.

If you have assigned contact images to cards and they exist in the communicator and/or MacSuite they are also updated.

Updating from file

If you have used NServer for Macintosh in the past, and you have exported your contacts from the communicator with it, you can update information from that file directly into MacSuite with Update from File... command.

Importing/exporting text data

Import/Export can be found in the File menu. With Import/Export you can get tab- or comma-delimited data from a text file to your contact database, or save to a similar file for updating to another application.

You can export contacts from your communicator to a standard tab- or comma-delimited text file, for importing them to third-party contacts management software or to the company's internal database (most database software supports tab- or comma-delimited text file formats).

You can also import contacts to your communicator from your company's internal database or other contact management software.

You can choose between Import to Communicator and Export from Communicator by choosing the item in the popup menu in top of the window while in the Import/Export component.

Importing contacts directly to the communicator

You can save the current import configuration or use an existing one by using the Preset buttons. Select the correct separator mark. Select the text file you wish to import. The imported file must be in



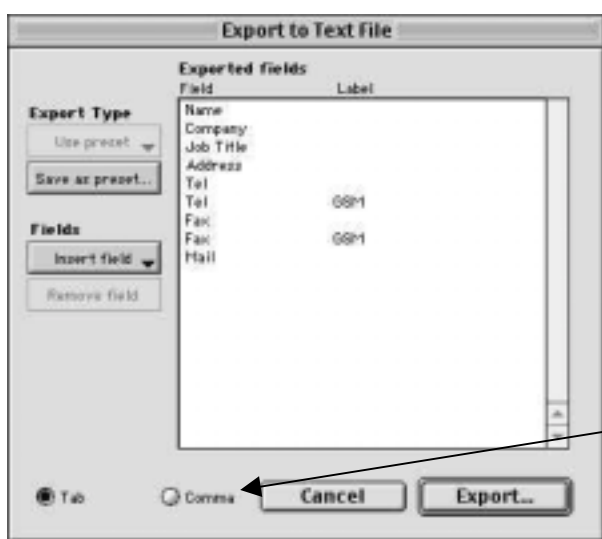
the correct format. The contents of the current record in the text file are shown. You can browse the contents of the selected file using the arrow buttons.



When fields have been selected click the Import button to proceed with importing data.

Exporting contacts from the communicator

When the fields have been selected click the Export button to proceed with Exporting data. Select a row, then designate a field to the selected row using the Add field popup menu. To remove a row, select the row and click the Remove Field button. You can save the current import configuration or use an existing one by using the Preset buttons.

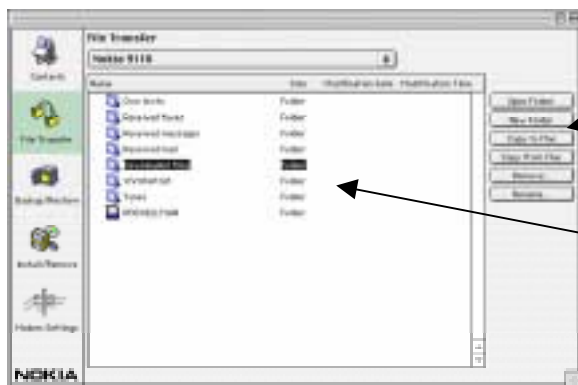


Select the right separator mark.



File Transfer

File Transfer display



Command buttons.

List of files and folders in the communicator.

Transferring files from a Mac to the communicator

You can transfer files from your desktop to the communicator by dragging and dropping directly from the Finder to MacSuite's folder view (or to the File Transfer button) or by clicking Copy from Mac button in the File Transfer display.

MacSuite converts long file names to communicator's filename format. Text files are converted to the correct character set. Text files cannot be converted back to short messages with sender information included.

To point to the location where you wish to transfer the file, first choose the destination folder in the folder view, then transfer the file. If you have not selected the destination, MacSuite will suggest the default destination folder for the filetype.

Conversions and file naming

If you transfer a communicator fax file to your desktop, the fax is converted to TIFF image file format; the TIFF format used is a FAX-TIFF. This kind of TIFF file can be viewed with most Macintosh fax applications or shareware utilities such as Tiff-Sight from Blue Globe Software (<http://www.blueglobe.com/>).

Before transferring any faxes from the communicator to your Macintosh, make sure that none of the fax files are open in the communicator. A fax cannot be transferred while it is in use.

If you are transferring a TIFF file to the Received Faxes folder in your communicator, the communicator attempts to convert the file to its fax file format. If this is not possible (e.g. if the file format is incompatible), then the file is transferred as it is.

When transferring text documents from the communicator (Received messages, Own texts, Calendar memos), they are converted to standard Macintosh text file format.



When transferring a file from the desktop to the communicator, the name of the file must be changed to an MS-DOS format file name with a maximum of 8 characters in the file name and a maximum of 3 characters in the extension. This is because the communicator does not allow longer names on foreign files (internal messages and notes texts can have longer names).

Transferring files from the communicator to a Mac

To transfer a file from the communicator to the desktop, select the item from the folder view, click the Copy to Mac button and assign the destination and a name for the transferred file.

Bypassing the text conversion

When text files are transferred to/from the communicator, by default MacSuite converts these files to a suitable format. For example, short messages transferred from the communicator to a Mac are converted to Macintosh format and character set, and files being transferred from a Mac to the communicator are converted to the communicator character set.

In occasions when you do not want your files to be converted while transferred, when for example, you are using your communicator as a temporary storage for encrypted text files, you can bypass the conversion by holding down the Command-key while clicking or choosing the Copy to Mac or Copy from Mac-command.

Creating folders

Select the destination for the new folder in the folder view. Click the New Folder... button or select New Folder from the File menu. A new "Untitled folder" is created in the communicator. You may rename it with the name you want.

Renaming files and folders

Select a file or folder to be renamed and click the Rename button or select the Rename command from the File menu. For files that already have an MS-DOS-type filename (8+3 characters) the new file name must also be in MS-DOS-filename format.

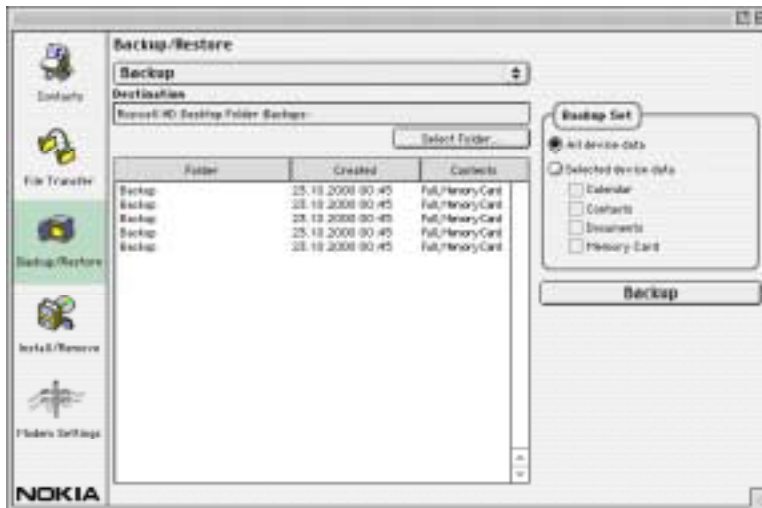
Example of using File Transfer: Sending an SMS

MacSuite cannot instruct the communicator to send short messages for you, but you can transfer a text file to any folder in your communicator and use the communicator's own functionalities to send the text as an SMS (or e-mail or fax it). The communicator supports smart messaging and long messages, so your SMS can be fairly long.



Backup and restore

Making a backup



First select what to backup: To backup all data (including the memory card, if installed), select All device data. If you want to adjust the backup set, use Selected device data. Select the folder where the new backup set will be stored (this, too, will be a folder).

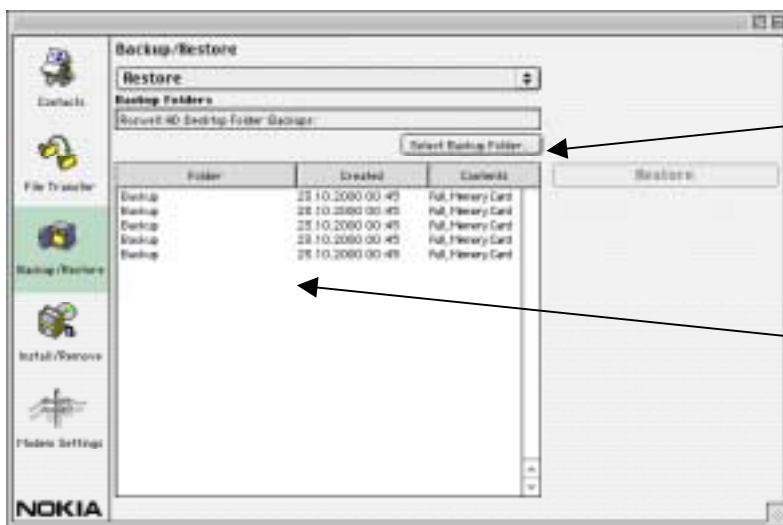
Backup sets in the selected folder are shown in the list. To manage the amount of backup sets, simply open the backup folder in Finder and delete any backup sets no longer needed.

1. Select the destination folder for backup files.
2. Choose what you wish to backup from your communicator.
3. Click the Backup button to start the process.



Restoring a backup

1. Select the folder which has the backup set that you wish to restore.
2. The list of restorable sets is shown.
3. Choose the set you wish to restore.
4. Click the Restore button to start the process.



Select the folder that contains the Backup folder. This is the folder you chose when selecting the destination for the backup.

Backup sets found in the backup folder.



Installing and removing software

You can install new software applications on your communicator. Such applications exist on the Nokia 9110 Communicator CD-ROM that came with your communicator, or you can purchase custom applications from third-party developers. See more information about this option in the Nokia 9110 Communicator User's Guide.

To install or remove software with MacSuite the Install/Remove component must be selected (choose Install/Remove from the Components menu, or click the button in the Components toolbar).

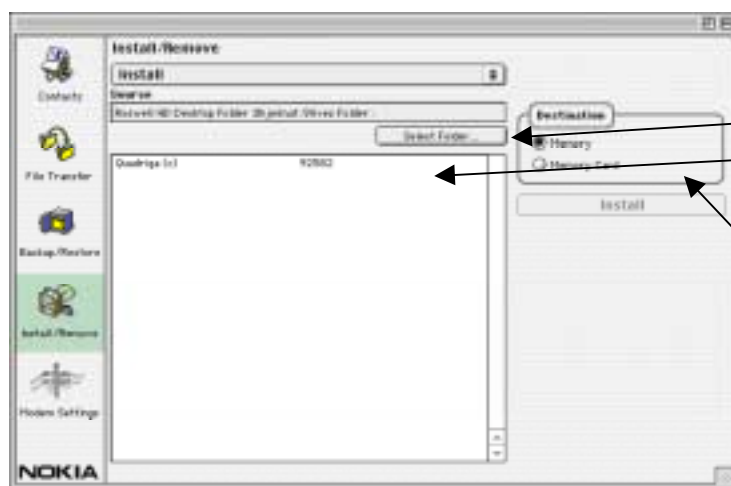
Choose between installing new software and removing existing software from the popup menu in the top of the window.



← Choose between Install and Remove using the popup menu.

Install software on the communicator

1. Select the folder where the installable software resides. This type of folder usually consists of one or more files, the name of which ends with a .ins or a .geo extension.
2. The installable applications in the selected folder can be seen in the list.
3. Select the application you wish to install.
4. Select the destination for the new software application. You can install it into the communicator's own memory, or to a memory card if one is installed in your communicator.
5. Click Install to install the software.



Select the **folder** where the installable software resides.

List of installable software in the selected folder.

Choose the destination for the new software: communicator's own memory, or the memory card. The memory card option is available only if a memory card is installed in your communicator.

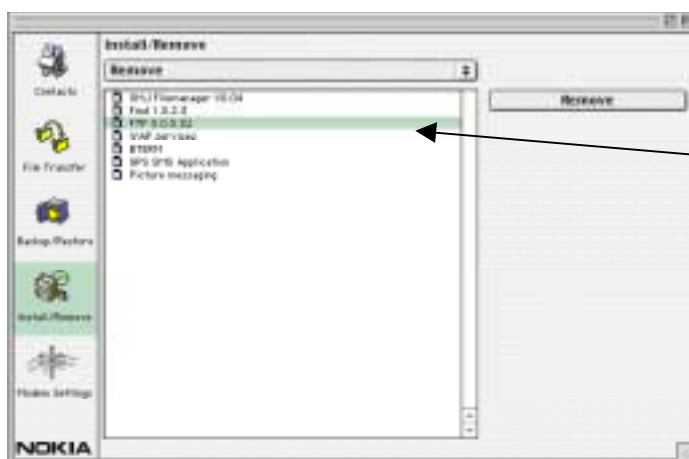
Remove installed software from the communicator

When you select the Remove option from the popup menu, MacSuite searches the connected communicator for user-installed software, and displays them in the list.



To remove software:

1. Select the software you wish to remove from the communicator
2. Click Remove.



List of user-installed applications in your communicator. The icon indicates if the software exists in the communicator's memory or on a memory card.



Appendixes

A: Serial cables and USB converters

When connecting your communicator to a compatible Macintosh® computer you always need the serial cable that came with your communicator. It has a standard 9-pin serial connector on one end, and the other end is inserted at the bottom of your communicator. This procedure is described in more detail in the communicator's manual.



Standard Mac serial port

If your Macintosh has a standard Mac serial port (a round mini-DIN8 connector), usually marked with a small icon of a telephone or printer, then connect the communicator to your Mac using the data cable. You also need a standard Macintosh modem cable and a 25-pin (female) to 9-pin (male) converter. Just connect the cables with the converter.

USB

If your Macintosh has only a USB port, you need a USB to serial port converter. There are two kinds of Mac-compatible USB serial converters:

If your USB to serial port converter has a standard Macintosh serial port, you also need a Mac modem cable and a 25-pin (female) to 9-pin (male) converter (the same situation as described above), which then connects to the communicator serial cable.

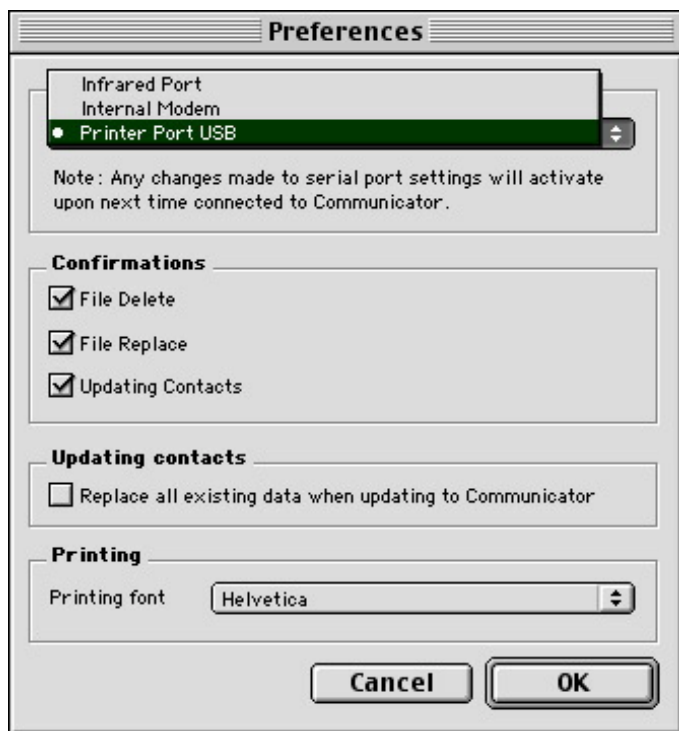
If your USB to serial port converter already has a 9-pin (male) connector, simply plug your communicator serial cable directly into it.

Note: Remember to use the latest drivers for your converter and make sure that your MacOS is running with the latest USB driver updates.



Select a serial port

After you have connected your communicator to a Mac, set the MacSuite to use the correct serial port. Use the Preferences dialogue (select Preferences from the Edit menu).





B: Basic troubleshooting

Installation

Could not copy

Make sure you have enough free disk space on your destination hard disk. MacSuite Folder takes about 5 megabytes of free space.

What is QuickTime?

QuickTime is a free multimedia viewer extension from Apple. It is usually installed automatically with newer MacOS versions, but you can also download it directly from Apple.

See <http://www.apple.com/quicktime>

Connecting

Port in use

The serial port you have chosen in the Preferences is currently being used by another application. Examine your settings, check that the correct serial port is selected and check your AppleTalk preferences in the Control Panels.

Could not establish a connection

MacSuite was not able to connect to the communicator. Check your connection cables and ensure that the correct serial port is selected in the Preferences.

File Transfer

Cannot transfer a fax

Check that the fax you are about to transfer is not in use or open in the communicator. This prevents the communicator from sending the file.

It is also good practise to do this with all big files, such as images.



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