

Contacts Manager for Nokia 92xx Communicator

v. 091.2

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<http://www.agora.cz>, <http://www.communicator.cz>

General

With Contacts Manager application you can export contacts from Nokia 92xx into textual file (CSV, TXT) with delimiters. Exported data can be imported into the sheet or database application etc.

Export

By pressing **Export contacts** button (or under *Menu->Contacts->Export contacts*) you can store data from primary contacts database (in communicator) into text file with delimiters (format can be set under **Options** button, by default CSV format, comma is delimiter, quotes are string qualifier). In the dialogue windows select filename, its extension and also folder for saving it. Wait until export is finished.

If you want to export content of MMC database then press **Export from MMC** button (or select *Menu->Contacts->Export from MMC*).

Settings

By pressing **Options** button you can open settings:

Cell separator – delimiter can be either comma or semicolon (CSV format) or tab (TXT format).

String qualifier – there can be used quotes/apostrophes/nothing as a delimiter in CSV format (commas/semicolons delimited), TXT format (tabs delimited) usually doesn't use text qualifier.

Caution:

Don't use "None" option in string qualifier settings together with commas/semicolons delimiters unless you have good reason to do so. This qualifier option is recommended only for usage together with "Tab" delimiters.

Format and structure of exported file

As a result of export you will get delimited textual file with the data ordered into 79 “columns” (v.0.91). Delimiters are either commas or semicolons (CSV format) or tabs (TXT format) depending on your choice. Unicode coding is used.

Columns headers and their order:

<i>Header</i>	<i>Info</i>	<i>Exclusivity</i>
ID	Unique ID of the contact card	
Last name	Family name field	Single
First name	Given name field	Single
Middle name	Additional name field	Single
Title	Name prefix field	Single
Suffix	Name suffix field	Single
Birthday	Birthday field	Single
Birthday desc.	User string in Birthday (.....) field if exists	
Ringing tone	Path and filename of the contact's individual ringing tone	Single
Company	Organization name field	Single
Job title	Job title field	Single
Tel	Default Tel field	Multi
Tel (Preferred)	Tel field with property	Multi
Tel (Business)	Tel field with property	Multi
Tel (Private)	Tel field with property	Multi
Tel (Car)	Tel field with property	Multi
Tel (Data)	Tel field with property	Multi
Other Tel	Tel field renamed with user string	Multi
Other Tel desc.	User string in Tel (.....) field if exists	
Tel GSM	Default Tel GSM field	Multi
Tel GSM (Preferred)	Tel GSM field with property	Multi
Tel GSM (Business)	Tel GSM field with property	Multi
Tel GSM (Private)	Tel GSM field with property	Multi
Tel GSM (Car)	Tel GSM field with property	Multi
Tel GSM (Data)	Tel GSM field with property	Multi
Other Tel GSM	Tel GSM field renamed with user string	Multi
Other Tel GSM desc.	User string in Tel GSM (.....) field if exists	
Pager	Default Pager field	Multi
Other Pager	Pager field renamed with user string	Multi
Other Pager desc.	User string in Pager (.....) field if exists	
Fax	Default Fax field	Multi
Fax (Preferred)	Fax field with property	Multi
Fax (Business)	Fax field with property	Multi
Fax (Private)	Fax field with property	Multi
Fax (Mobile)	Fax field with property	Multi
Fax (Car)	Fax field with property	Multi
Other Fax	Fax field renamed with user string	Multi
Other Fax desc.	User string in Fax (.....) field if exists	
Mail	Default Mail field	Multi
Mail (Preferred)	Mail field with property	Multi
Mail (Business)	Mail field with property	Multi
Mail (Private)	Mail field with property	Multi
Other Mail	Mail field renamed with user string	Multi
Other Mail desc.	User string in Mail (.....) field if exists	
URL	Default URL field	Multi
URL (Business)	URL field with property	Multi
URL (Private)	URL field with property	Multi
Other URL	URL field renamed with user string	Multi
Other URL desc.	User string in URL (.....) field if exists	

DTMF	Default DTMF field	Multi
Other DTMF	DTMF field renamed with user string	Multi
Other DTMF desc.	User string in DTMF (.....) field if exists	
P.O. Box	Address field	Single
Extension	Address field	Single
Street	Address field	Single
ZIP / postal code	Address field	Single
City	Address field	Single
State / province	Address field	Single
Country	Address field	Single
P.O. Box (Business)	Business address field	Single
Extension (Business)	Business address field	Single
Street (Business)	Business address field	Single
ZIP / postal code (Business)	Business address field	Single
City (Business)	Business address field	Single
State / province (Business)	Business address field	Single
Country (Business)	Business address field	Single
P.O. Box (Private)	Private address field	Single
Extension (Private)	Private address field	Single
Street (Private)	Private address field	Single
ZIP / postal code (Private)	Private address field	Single
City (Private)	Private address field	Single
State / province (Private)	Private address field	Single
Country (Private)	Private address field	Single
Note	Default Note field	Multi
Other Note	Note field renamed with user string	Multi
Other Note desc.	User string in Note (.....) field if exists	
Misc.	Various conceded, hidden and special fields and items	
Misc. - type	Property/type/subtype tag to specify type of „Mics.“ item	
Misc. desc.	User string in the field „Misc.“ if exists	

If there is “multi-field” (i.e. repeating fields) in any contact card then multi-lining (with repeated lines) is used for export of such contact and in this case contents of five “name-regarded” fields (never repeatable in contact card) – “Last name” etc. – are copied into each line belonging to the same contact (lines with the same ID).

So if - for example – “Parker John” contact card has three fields “Tel”, one “Tel GSM” and two e-mail addresses then corresponding columns of its export will look like this:

<i>ID</i>	<i>Last name</i>	<i>First name</i>	<i>... Tel</i>	<i>..... Tel GSM</i>	<i>..... Mail</i>	<i>...</i>
865	Parker	John	+999333222111	+888777000111	mail1@company.com	
865	Parker	John	+999444777666		mail2@company.com	
865	Parker	John	+999555000888			

All of these lines are related to the same contact card in the database – called John Parker. In case there could be another John Parker in the database he will have different ID in the first column so when sorting contacts for Excel etc you shouldn't be confused by it.

1584	Parker	John	+999321321321	+888666555111	parker@comp.org
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If in doubt – in unclear situations (e.g. after sorting sheet by the “Last name” or “Company” etc) - please always check if these lines have same ID or not.

Fields with user-defined description such as “Tel (lodge)” or “Fax (1st floor)” etc are exported as “Other Tel”, “Other Fax” etc and their user-defined descriptions are displayed in the next column:

<i>Other Tel</i>	<i>Other Tel desc.</i>	<i>Other Fax</i>	<i>Other Fax desc.</i>
+999456456456	lodge	+999789789789	1st floor

Smart export features

“Repair” function

Although there are no real repairing functions in this version yet (application handles contacts database in read-only mode) note that Contacts Manager it is able to recognize incomplete “compact” entries that are visible in communicator’s contact card window but they are ignored by the PIMs (Outlook, Lotus Notes ...) during synchronizing – so they are usually omitted by syncchroizer. Though no such fields can be created in the communicator itself they often raise when business card is received via infrared or SMS, especially if sending phone sends it with contracted field headers (compact business card). These fields (in most cases they are telephone fields) are properly exported into the result file by the Contacts Manager, of course.

Conceded, hidden and special fields

Database entries can contain much more field types in contact cards than user can create or even see in the contact card window.

Conceded (odd but visible in the contact card) and *hidden* (not visible) fields can only be fetched from the outside (via infra or SMS) not created in communicator in usual way.

Special fields are linked to the sound or picture data and sometimes are created by another application in the communicator.

“Conceded” fields

Conceded fields are visible in the communicator’s contact card but they can’t be created here locally. These fields are exported into the common “Misc.” column. There are two (known) conceded field types – LABEL and ROLE.

LABEL field contains formatted unstructured address and is displayed as a single-line “**Address**” field in the contact card.

Note! This formatted address field must not be confused with the regular communicator’s structured “address” fields (P.O. Box; Extension; Street; ZIP / postal code; City; State / province; Country) that are encapsulated by the “Address” heading.

ROLE field belongs to company data and it is displayed as a “**Job description**” field in the contact card.

“Hidden” fields

Following field types if imported they are stored (including their data) with the contact card but they are not seen in the contact card window. These fields are exported into the common “Misc.” column.

FN (formatted unstructured name)

MAILER (name of the mail client application)

GEO (geographical information – longitude and latitude)

SOUND (binary data or path to the sound file – it is not communicator’s ringing tone file)

Hidden properties of fields

Some fields (e.g. Address/Label fields) can contain subtypes (properties) that are not seen in the contact card window but they are stored with the contact card information (like DOM etc).

“Special” fields

Ringing tone – individual ringing tone of the contact person. This field has its own column in the exported file.

Speed dial – speed dial key for selected phone number of the contact person. *Representation of this field is not finalized yet in Contact Manager.*

PHOTO - contact picture file. *Representation of this field is not finalized yet in Contact Manager.*

How to get the exported data into Excel

Coding used is Unicode - thus you can import it directly into Excel 2000 or newer, while for importing into older Excel versions you have to open the Unicode-coded file e.g. in Word first and then save it – again in textual form – in appropriate national coding and then import it into Excel.

Excel 2000 and newer

To prevent distorting phone numbers during loading exported data into Excel it is important to import them as a “text” not “numbers”. How to reach it?

User can set cells format in the empty Excel sheet as “text” but this setting is valid only for typing. As soon as you paste or straight-import the data into these cells then this setting is ignored and data is imported in “general” format. Then the phone numbers might be distorted.

Before exporting you have to ensure that **Options** are set in a recommended way:

Cell separator: comma (default) or semicolon (change it so if necessary)

String qualifier: quote (default)

You can use of course “apostrophe” qualifier if necessary but don’t use “tab” separator (delimiter) in case you want to import the file into Excel.

Save the exported file with chosen name and **.csv** extension.

If you have data exported with “tab” delimiter then file should have **.txt** extension and for proper importing such file please skip this “a” section and follow the “b” section instead.

a) Having the data in CSV file

If you have created comma or semicolon delimited file with CSV extension you can open it – as an associated file – directly in Excel by simple **double-clicking** on the file. Or you can use **File->Open...**

But neither commas nor semicolons delimiters are expected as a default in Excel. So all data is loaded into the “A” column. That is OK.

In CSV format user can use “text qualifiers” (quotes or apostrophes) but it doesn’t influence the format in which the data is imported or pasted into cell. Text qualifier is important in case that text strings contain same characters as those used as delimiters so this is the way to differentiate valid character from delimiter. But text qualifier never ensures that text strings will be imported as text strings. This has to be ensured in the different way (see further).

Select (mark) the “A” column containing the data and select **Data->Text into columns**. That will start importing Wizard. If you used **Data->Read external data->Import text file** instead of opening file you would get very similar wizard.

In the first Wizard window choose ‘Delimited’ option and click on **Next**. In the second Wizard window choose proper ‘Delimiter’ and ‘Text qualifier’ (according to the settings in Options in Contact Manager, i.e. comma and quotes if it is in default recommended setting).

Note – the ‘Treat consecutive delimiters as one’ option **MUST NOT** be selected (the box next to it has to remain empty)!

Click on **Next**.

Here comes the very important moment for proper format settings. First column in ‘Data preview’ table in the lower half of the third Wizard window is selected (= in black) and prepared for format change. But we need to set ALL columns into “text” format. So press and hold Shift key and jump to the last column in the preview (the fastest way is to move the slider to the rightmost edge) and click on the last column’s header tab (with the word “General”). Now all columns should be selected (turned to black). Now in the ‘Column data format’ list select ‘Text’ option instead of ‘General’. Header tabs of all columns will change from ‘General’ to ‘Text’.

Press **Finish**.

Now data is correctly imported and phone numbers are represented properly (the "+" sign is OK, spaces are OK).

b) Having the data in the TXT file

TXT file is the case when "tab" are selected delimiters. This format doesn't need text qualifiers so sometimes this option is set as "none".

Don't use File->Open for loading the data into Excel because it would open it in the wrong format with distorted phone numbers. Create new (empty) sheet and select **Data->Read external data->Import text file**. Browse text files – select 'File types: text files (*.txt)', find your exported text file in TXT format (tab delimited) and press **Import**. That will start importing Wizard.

Also in TXT format user can use "text qualifiers" (quotes or paragraphs) but it doesn't influence the format in which the data is imported or pasted into cell. Text qualifier is important in case that text strings contain same characters as those used as delimiters so this is the way to differentiate valid character from delimiter. But text qualifier never ensures that text strings will be imported as text strings. This has to be ensured in the different way (see further).

In the first Wizard window choose 'Delimited' option and click on **Next**. In the second Wizard window choose proper 'Delimiter' and 'Text qualifier' (according to the settings in Options in Contact Manager, i.e. probably "tab" delimiter and "none" qualifier).

Note – the 'Treat consecutive delimiters as one' option MUST NOT be selected (the box next to it has to remain empty)!

Click on **Next**.

Here comes the very important moment for proper format settings. First column in 'Data preview' table in the lower half of the third Wizard window is selected (= in black) and prepared for format change. But we need to set ALL columns into "text" format. So press and hold Shift key and jump to the last column in the preview (the fastest way is to move the slider to the rightmost edge) and click on the last column's header tab (with the word "General"). Now all columns should be selected (turned to black). Now in the 'Column data format' list select 'Text' option instead of 'General'. Header tabs of all columns will change from 'General' to 'Text'.

Press **Finish**.

Now data is correctly imported and phone numbers are represented properly (the "+" sign is OK, spaces are OK).

Warning

While working with the data table in sheet application never remove "A" column with ID data. When sorting items by any header (Last name, Company ...) always select ALL columns. Cell format has to be always set in the way so as the data is interpreted as text not as number.

Also never edit/remove first line containing the export protocol identifier.