

**USER GUIDE FOR
NOKIA CONFIGURATION TOOL
RELEASE 2.0**

NOKIA



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1. ABOUT THIS DOCUMENT

The purpose of this document is to describe the functionality of the Nokia Configuration Tool application. In addition, the document gives instructions for installing the application. Apart from the installation instructions, this document does not include any detailed step by step instructions. For step by step instructions and more detailed information, refer to the Nokia Configuration Tool help.

1.1 TARGET AUDIENCE

This document is meant for people who are responsible for maintaining settings information for Nokia devices and transferring updated settings to the Nokia devices.

1.2 SCOPE

This document introduces the Nokia Configuration Tool.

- Chapter 1, About this document
Provides the general information about the document.
- Chapter 2, Introduction to the Nokia Configuration Tool
Provides an introduction to the Nokia Configuration Tool as well as information about new features in this release.
- Chapter 3, Installation
Provides safety notes, system and security requirements, and instructions on how to install the Nokia Configuration Tool.
- Chapter 4, Startup and shutdown of the Nokia Configuration Tool
Provides information on how to start up the Nokia Configuration Tool and how to shut it down.
- Chapter 5, Working with the Nokia Configuration Tool
Provides information on how to work with the Nokia Configuration Tool.
- Chapter 6, Profile settings
Provides information on the profile settings available in different device types.
- Chapter 7, Troubleshooting
Provides troubleshooting instructions for problem situations.

Having read this document, the reader will be familiar with the basic functions and possibilities of the Nokia Configuration Tool.

1.3 RELATED DOCUMENTS

For step by step instructions and more detailed information, refer to the Nokia Configuration Tool help.

For other related information, refer to the following documents:

- Nokia PC Suite user guide
- The Nokia device user guide
- The personal computer (PC) user guide

2. INTRODUCTION TO THE NOKIA CONFIGURATION TOOL

The Nokia Configuration Tool is a PC application that enables you to manage the settings of selected Nokia devices. Your PC and the devices must be connected through Nokia PC Suite and a Universal Serial Bus (USB) cable. The Nokia Configuration Tool uses SyncML Data Synchronization (DS) and Device Management (DM) protocols, which are defined by Open Mobile Alliance (OMA).

With the Nokia Configuration Tool, you can configure various settings, such as wireless LAN (if available), e-mail, and Internet access points (IAP), on several devices at a time. You can also transfer files, contact cards, and applications, if available.

The configuration is done by sending a configuration profile to a phone. The configuration profile is a group of settings, and you can create several different profiles for different purposes and different types of devices. The settings that are defined in a profile are configured to a device when you transfer the profile to it.

You can use a compatible connection cable (USB) to transfer configuration profiles to devices. For connectivity and system information, refer to Section 3.2, System requirements.

To view the version, copyright date, and other important legal information about the Nokia Configuration Tool, select **Help > About the Nokia Configuration Tool** from the main menu.

2.1 NEW FEATURES IN THIS RELEASE

This release of the Nokia Configuration Tool has a search function that you can use to search for all items that contain a certain word. The search covers the contents of both the **Devices** tab and the **Profiles** tab, and the filenames of the profiles and contacts.

This release also allows you to create new contacts in the Nokia Configuration Tool. In the previous releases, you could only import contacts.

3. INSTALLATION

This chapter describes the system requirements, installation process and some safety and security issues.

3.1 IMPORTANT SAFETY NOTES

The safety instructions in the user guides of your device and PC apply when using the Nokia Configuration Tool.

3.2 SYSTEM REQUIREMENTS

To install and use the Nokia Configuration Tool, you need the following:

- A compatible Nokia device
- A PC with Windows XP™ or Windows 2000™ operating system (SP2 or newer)
- Minimum display resolution of 1024 x 768 pixels
- At least 250 MB of free disk space
- Nokia PC Suite 6.7 or a later version
- Internet Explorer 5.0 or later (for Nokia Configuration Tool help)
- For connectivity, a USB connection port on your PC and a Nokia DKU-2 Connectivity Cable

For information on connecting the device to your PC, refer to the Nokia PC Suite user guide, the Nokia device user guide, or the PC user guide.

3.3 SECURITY REQUIREMENTS

The Nokia Configuration Tool does not encrypt any information or settings that are saved and stored to your PC. For example, if you create a profile that contains passwords and user names, this information is not encrypted when you save the profile to your PC.

If you want to encrypt the information and settings that are saved and stored to your PC, you must use a standard encryption program in your PC. For more information about encryption, refer to the PC user guide.

3.4 INSTALLING



Note: You must have the Nokia PC Suite installed on your PC before you can install the Nokia Configuration Tool.

To install the Nokia Configuration Tool:

1. Double-click on the **Nokia Configuration Tool** icon. The InstallShield Wizard opens.
2. In the InstallShield Wizard window, click **Next**.
3. If you accept the terms of the license agreement, check the appropriate box and click **Next**. You cannot install the Nokia Configuration Tool without accepting the terms.
4. In the Choose Destination Location window, click **OK** or, if necessary, specify the location where you want to install the software, and click **OK**.
5. Click **Install**.
6. In the InstallShield Wizard Complete window, exit the wizard by clicking **Finish**.

4. STARTUP AND SHUTDOWN OF THE NOKIA CONFIGURATION TOOL

Start the Nokia Configuration Tool from the Start menu or the Desktop of the PC by clicking the Nokia Configuration Tool icon.

When you start the Nokia Configuration Tool for the first time, the tool prompts you to either select an existing workspace or create a new one. A workspace contains the device data files and configuration profiles for the devices. You can, for example, create different workspaces for different sets of devices.

After you have selected whether to open an existing workspace or to create a new one, the workspace view is displayed.

To exit the application, select **File > Exit**.

5. WORKING WITH THE NOKIA CONFIGURATION TOOL

This chapter describes the navigation rules, workspaces, devices, profiles and search tools in the Nokia Configuration Tool.

5.1 NAVIGATION RULES

You can use keyboard shortcuts to quickly open menus in the workspace. Shortcuts allow you to open windows in the application using only the keyboard. Any menu or button that contains an underlined letter (for example, **New...**) can be quickly accessed by pressing the **Alt** key + the underlined letter (for example, **Alt+N**).

5.2 WORKSPACES

A workspace is a directory that contains device data files (the **Devices** tab) and configuration profiles (the **Profiles** tab).

The underlined text at the top of the workspace window shows the title of the current workspace.

By using the **File** menu, you can:

- Open existing workspaces.
- Create new workspaces.
You can have multiple workspaces for different sets of devices and profiles.
- Create a duplicate of the currently open workspace and all of its contents.
- Delete an existing workspace.

5.3 MANAGING DEVICES

The **Devices** tab displays a list of all connected devices and all devices that have been modified. Use the **Devices** tab to view and manage all devices in the current workspace.

In the **Devices** tab, you can:

- Edit the settings of a single device online on your PC. You can access the same settings on the **Profile** tab too. For more information on the settings, refer to Chapter 6, Profile settings.
- Send sets of edited settings and profiles to a device.
- Edit device information. You can enter a name to identify a device, enter the personal ID of the user of the device, e-mail address and other info about the device.
- Delete devices from the Nokia Configuration Tool.
If you are connected to a device that you have removed from the list, the device is shown in the list of devices as a new device.



Note: Before you can edit a device online or send settings (profiles) to a device, your PC and the device must first be connected using the Nokia PC Suite.



Note: When settings are imported from and sent to a device, a conversion is made between UTF-8 (Unicode Transformation Format-8) and the operating system's default character map. You can send and import all characters which can be converted between UTF-8 and the operating system's default character map.

Almost every language supports currency characters (such as €, \$ and £) and at least some mathematical operation characters. You can also send and import Scandinavian characters with the Nokia Configuration Tool, if the operating system's default character map supports Scandinavian characters.

The devices list contains five columns:

Column	Description
Device name	Displays the name of the device. A new device displays the device IMEI code.
Device type	Displays the type of device. For example, Nokia 9300 (EA).
Connection	Displays an icon representing a connection between the PC and a device. A device that is shown but not connected displays None as the connection type.
Last known profile	Displays the name of the last known configuration profile in the device. A new device displays None as the last known profile.
Sent	Displays the date that the last known profile was sent to the device. A new device displays None as the date.

To sort the list according to the contents of a column, click on the column heading. The arrow in the column heading indicates the sorting order. Click the column heading again to sort the list in the opposite order.

5.4 PROFILES

A profile is a group of settings, such as wireless LAN, e-mail, or Internet access point settings. Profiles are stored as an XML file in the workspace. You can create several different profiles for different purposes and for different devices. The settings that are defined in a profile are configured to a device when you send the profile to it. The available settings depend on the type of the device.

Use the **Profiles** tab to view and manage all of the profiles in the current workspace.

In the **Profiles** tab, you can:

- Import profiles.
- Create new profiles.
- Edit and duplicate profiles.
- Send profiles to devices.
- Delete profiles.



Note: Before you can send or import profiles and settings to a device, your PC and the device must first be connected using the Nokia PC Suite.



Note: When profiles are imported from and sent to a device, a conversion is made between UTF-8 (Unicode Transformation Format-8) and the operating system's default character map. You can send and import all characters which can be converted between UTF-8 and the operating system's default character map.

Almost every language supports currency characters (such as €, \$ and £) and at least some mathematical operation characters. You can also send and import Scandinavian characters with the Nokia Configuration Tool, if the operating system's default character map supports Scandinavian characters.

The profiles list contains three columns:

Column	Description
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Profile name	Displays the name assigned to the profile.
Device type	Displays the type of device. For example, Nokia 9300.
Updated	Displays the date the profile was last edited.

To sort the list according to the contents of a column, click on the column heading. The arrow in the column heading indicates the sorting order. Click the column heading again to sort the list in the opposite order.



5.5 SEARCH TOOLS

The Nokia Configuration Tool features three search functions. To find a specific device or profile in the list:

- You can use the **Advanced Search** from the **Tools** menu to search for items in your devices and profiles. In addition, the advanced search can be used to find profile and contact filenames.
- In the **Devices** and **Profiles** tabs, you can use the **Device type** drop-down list to filter the devices and profiles according to the device type.
- In the **Devices** and **Profiles** tabs, you can use the **Show only items containing** function filter the devices according to device attribute.

6. PROFILE SETTINGS

The Nokia Configuration Tool allows you to create and edit settings, for example, for e-mail and Internet access points. You can store different sets of settings as profiles. For more detailed information of what settings are available for what devices, refer to the Nokia Configuration Tool help.



Note: The available settings vary according to the type of device.



Note: If you import the profile settings from the phone, edit the configuration profile in the Nokia Configuration Tool and then send the profile back to the phone, the profile settings are duplicated in the phone. Sending a profile to the phone never replaces the existing settings. If you want to edit settings that are already in the phone, you have to use the Nokia Configuration Tool's Edit Online functionality.

The following settings are available:

- **Internet access points:** You can create new or duplicate, edit, or delete existing access point connections for the selected profile. GPRS / Packet data (proxies and IP configuration) and GSM / Data call (proxies, IP configuration and advanced) settings are available. IP Passthrough and WLAN (proxies, WEP keys, and IP configuration) settings are available for some devices.



Note: WLAN and IP Passthrough settings are not available for all devices.

- **E-mail account settings:** You can create new or duplicate, edit, or delete existing e-mail accounts for the selected profile. You can edit the name of the e-mail account, your name in the account, the e-mail address, the IAP and the SMTP server for the account. You can also define the IMAP4 or POP3 server as well as user names and passwords for them. Similarly, you can select whether to use SMTP authentication, and set the user names and passwords for it.



Note: You must first create an IAP group before you can define the IAP in the e-mail account, SIP, IM server, and MMS settings.

If the IAP you want is already defined in the phone and you do not want to modify the settings through the phone's user interface, you can send the profile to the phone without the IAP setting, and then add the IAP to the needed IAP group while editing the profile online.

- **SIP settings:** You can create, duplicate, edit and remove session initiation protocol (SIP) settings. You can edit the name of the profile, the service profile (IETF or Nokia 3GPP), access point, public user name, compression, registration, and security settings. You can also define the proxy and registrar server settings. Address, realm, user name, transport type (UDP or TCP) and port settings are available. You can also select whether to use loose routing with the proxy server.
- **IM server settings:** You can create, duplicate, edit and remove IM server settings for the selected profile. You can edit the name of the IM server settings and also the access point, the web address, and your username and password to be used for the IM server.
- **Internet tel. settings:** You can define which SIP settings profile you wish to use for Internet calls.



Note: You must first create a SIP settings profile before you can define the SIP profile for Internet calls.

- **MMS settings:** You can edit the multimedia message service (MMS) settings. You can select whether or not you want to send MMS settings, allow anonymous messages, receive advertisements, and allow report sending and receiving. Image size, MMS creation mode, access point, multimedia retrieval and message validity settings are also available.
- **SyncML (DS) / data synchronization settings:** You can create new or duplicate, edit, or delete existing data synchronization (DS) profiles for the selected profile. You can define the profile name and the connection type (Bluetooth and data cable to synchronize with a PC; synchronizing with a server on the Internet is also possible). Note that some models do not support a data cable. You can edit the user ID and

the password for the synchronization server. If you select Internet as the connection type, you can define the access point and the port number of the synchronization server.

- **SyncML (DM) / device manager settings:** You can create new or duplicate, edit, or delete existing device management profiles for the selected profile. You can select the connection type (Bluetooth and data cable to synchronize with a PC; synchronizing with a server on the Internet is also possible). Note that some models do not support a data cable. You can edit the name, ID and password for the synchronization server. Editing the host address is also possible. If you select Internet as the connection type, you can define the access point and the port number of the synchronization server.
- **Files:** You can add files that you wish to transfer to a selected device. You can rearrange the files, specify a target folder for them and delete them. Note that this only edits the files and folder in the profile, not on the selected device.
- **Applications:** You can add or delete applications, or change the installation order of the applications that you wish to transfer to a selected device. The added files must be compatible with the device to which you wish to send them. Software installation files must have the extension .jad, .jar, or .sis. Note that some models do not support this feature.
- **Contacts:** You can import and delete contact cards and create contact cards to be transferred to a selected device. You can import a CSV file that contains contact information (You can export CSV files from Microsoft Outlook or other e-mail applications). The Contact dialog in the Nokia Configuration Tool accepts only VCF and CSV files.



7. TROUBLESHOOTING

- **Question:** I connected my phone through Bluetooth and the Nokia Configuration Tool found it. Can I use a Bluetooth connection with the Nokia Configuration Tool?

Answer: Even though the Nokia Configuration Tool found the phone, it does not officially support the Bluetooth connection type. You can use the Bluetooth connection only at your own risk.

- **Question:** I connected my phone through Infrared and the Nokia Configuration Tool found it. Can I use an Infrared connection with the Nokia Configuration Tool?

Answer: Even though the Nokia Configuration Tool found the phone, it does not officially support the Infrared connection type. You can use the Infrared connection only at your own risk.

- **Question:** Nokia PC Suite does not detect my phone. What is the problem?

Answer: Make sure that Nokia PC Suite supports your phone. If it does not, check if a newer Nokia PC Suite version is available on the web. If Nokia PC Suite does not detect your phone, you cannot use the Nokia Configuration Tool to configure your phone.

- **Question:** Nokia PC Suite detects my phone but the Nokia Configuration Tool does not. What is the problem?

Answer: Make sure that the Nokia Configuration Tool supports your phone. If it does not, you cannot configure your phone with the Nokia Configuration Tool. The supported phones are listed on the main page of the Nokia Configuration Tool. Check the contents of the **Device type** combobox. A connection problem between the phone and the PC may also cause the detection to fail. Reboot your computer, if possible, and restart the Nokia Configuration Tool.

- **Question:** Neither Nokia PC Suite nor the Nokia Configuration Tool detects my phone. What is the problem?

Answer: Make sure that Nokia PC Suite and the Nokia Configuration Tool support your phone. If they do, reboot your computer.

- **Question:** I imported all the data from my phone to the Nokia Configuration Tool and then made some modifications. After that, I sent the profile back to my phone. Now I have duplicate settings on my phone. Why does my phone have duplicate settings, although I sent the original phone settings back to the phone?

Answer: If you want to modify the settings that already exist on your phone, you have to use the "Edit Online" mode. If you import the settings and then send the same profile back to the phone, the existing settings are not replaced by the modified settings. Instead, duplicate settings are stored.

- **Question:** The calendar and contact contents of a SyncML (DS) group are not transferred to my phone. What is the problem?

Answer: When editing the profile settings online, avoid changing the settings of the default WLAN group, default SyncML (DS) group and default SyncML (DM) group. Changing these settings may cause problems.

- **Question:** The WLAN WEP key ID, encryption and data values are not imported from my phone. What is the problem?

Answer: For security reasons, those values are not imported from Nokia 9500 Communicator and Nokia 9300i devices.

- **Question:** Why does the Contact transfer fail?

Answer: If you transfer only one contact into a device and then deleting it from the device, the subsequent contact transfers fail.

- **Question:** The GSM group settings with a high speed connection are not displayed in the Nokia Configuration Tool after importing. What is the problem?

Answer: In some devices, if you have a GSM group with a high speed connection on the device, these settings cannot be displayed on the Nokia Configuration Tool after importing.

- **Question:** Why does an import fail?

Answer: With some computer configurations, importing may fail. In an error situation, restart the computer and the Nokia Configuration Tool. If that does not help, install the Nokia Configuration Tool on a different computer.



GLOSSARY

[ad hoc](#)

In the ad hoc mode, devices can send and receive data directly with each other and no wireless LAN access point is needed.

[CSV](#)

Comma Separated Value. File format which is used to exchange data between disparate applications. Each line is one entry or record and the fields in a record are separated by commas.

[DNS](#)

Domain Name Server. An Internet service that translates domain names such as www.nokia.com into IPv4 addresses like 192.100.124.195.

[IAP](#)

Internet Access Point. An IAP is needed to connect to the Internet.

[IM](#)

Instant message. Enables you to create private chats with someone else.

[IMAP4](#)

IMAP4 is a version of Internet message access protocol, a standard protocol for accessing e-mail on your remote server. With IMAP4, you can search, create, delete, and manage messages and folders on the server.

[IMEI code](#)

International Mobile Equipment Identity. A number that uniquely identifies an individual mobile device. The IMEI usually appears on the label located in the battery compartment of the phone.

[infrastructure](#)

In the infrastructure mode, devices can communicate with each other and with wired LAN devices through a wireless LAN access point.

[GPRS](#)

General Packet Radio Service. GPRS is a technology that enables sending and receiving data over a mobile network. GPRS as such is a data bearer that enables wireless access to data networks like the Internet. The applications that use GPRS are, for example, Internet and e-mail.

[OMA](#)

Open Mobile Alliance

[PC](#)

Personal Computer

[POP3](#)

POP3 is a version of post office protocol, a standard protocol for receiving e-mail from your remote server. With POP3, you can check your remote mailbox and download your e-mail.

[SMTP](#)

Simple Mail Transfer Protocol. A protocol that is used to transfer e-mail messages. Usually SMTP is used only for sending.

[SyncML](#)

Synchronization Markup Language. An open standard that enables synchronization of data between compatible devices, applications, and networks, which means that a consistent set of data is always available on any device or application. Sync ML is based on Extensible Markup language (XML).

[TCP](#)

Transmission Control Protocol. One of the protocols in the Internet protocol suite. The protocol guarantees reliable and in-order delivery of sender to receiver data.

[TLS](#)

Transport Layer Security. A protocol that guarantees privacy and data integrity between applications communicating over the Internet.

[UTF-8](#)

Unicode Transformation Format-8

[vCard](#)

Format of a contact card file which can be sent to other devices. vCard file has the file extension .vcf.

[WEP](#)

Wired Equivalent Privacy. A security feature using the RC4 algorithm that performs wireless data encryption. WEP keys consist of a secret key and a 24-bit initialization vector. For example, some manufacturers refer to a 104-bit key as a 128-bit key (104+24). Both keys offer the same level of encryption and are therefore interoperable.

[WLAN](#)

Wireless Local Area Network. A local area network in which radio links are used to connect devices instead of physical cables.

[WPA](#)

Wi-Fi Protected Access. A security standard for wireless networks.

[802.1x](#)

A group of specifications for wireless LAN technology.