

# **Nokia Lumia 900 User Guide**

Issue 1.0

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## Safety

Read these simple guidelines. Not following them may be dangerous or illegal. For further information, read the complete user guide.

### SWITCH OFF IN RESTRICTED AREAS



Switch the device off when mobile phone use is not allowed or when it may cause interference or danger, for example, in aircraft, in hospitals or near medical equipment, fuel, chemicals, or blasting areas. Obey all instructions in restricted areas.

### ROAD SAFETY COMES FIRST



Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

### INTERFERENCE



All wireless devices may be susceptible to interference, which could affect performance.

### QUALIFIED SERVICE



Only qualified personnel may install or repair this product.

### BATTERIES, CHARGERS, AND OTHER ACCESSORIES



Use only batteries, chargers, and other accessories approved by Nokia for use with this device. Do not connect incompatible products.

### KEEP YOUR DEVICE DRY



Your device is not water-resistant. Keep it dry.

### GLASS PARTS



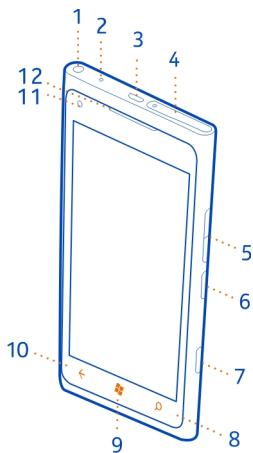
The device screen is made of glass. This glass can break if the device is dropped on a hard surface or receives a substantial impact. If the glass breaks, do not touch the glass parts of the device or attempt to remove the broken glass from the device. Stop using the device until the glass is replaced by qualified service personnel.

**PROTECT YOUR HEARING**

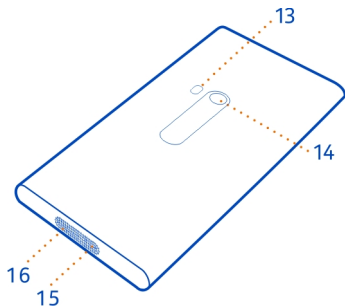
Listen to a headset at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

## Get started

### Keys and parts



- 1 Connector for headphones and loudspeakers (3.5 mm)
- 2 Second microphone
- 3 Micro-USB connector. Also used to charge the battery.
- 4 SIM card holder
- 5 Volume keys
- 6 Power key/Key lock button
- 7 Camera key
- 8 Search key
- 9 Start/Home key
- 10 Back key
- 11 Front camera
- 12 Earpiece



- 13 Camera flash
- 14 Camera lens
- 15 Microphone
- 16 Loudspeaker

### Back, start, and search keys

The back, start, and search keys help you to navigate your phone.

#### Back key ←

##### Return to the previous screen

Press ←. Your phone remembers all the apps and websites you have visited since the last time your screen was locked.

##### Switch between open apps

Press and hold ←, swipe left or right, and select the desired app.

#### Start key

##### Go to the start screen

Press .

#### Search key

##### Search the web

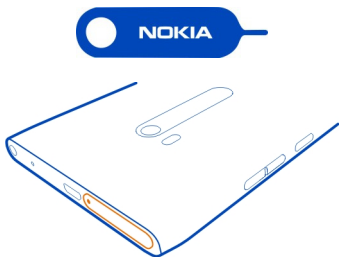
Press .

### Insert the SIM card

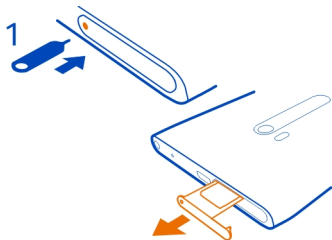
This device is designed to be used with a mini-UICC SIM card, also known as a micro-SIM card only. A micro-SIM card is smaller than the standard SIM card.

Do not attach any stickers to the card.

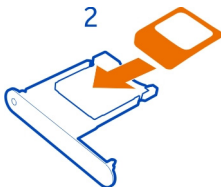
**Tip:** Use the SIM door key to unlock the SIM tray. If you lose the tool, you can use a paperclip.



- 1 Push the key into the hole in the door until the tray is released, then pull the tray out.



- 2 Make sure the contact area is facing up, then put the card in the tray.





- 3 Push the tray back into your phone until it locks into place.



### Remove the SIM



- 1 Switch the phone off.
- 2 Unlock and pull out the tray.
- 3 Pull the card out of the tray.

If you later change your network service provider, for instructions, go to [www.nokia.com/support](http://www.nokia.com/support).

## Charge your phone

### About the battery

Your phone has an internal, nonremovable, rechargeable battery. Use only Nokia approved chargers designated for this phone. You can also use a compatible USB cable to charge your phone (included).

You can set your phone to automatically save power when the battery charge level is low. Select  >  and **battery saver** > **Always turn on Battery Saver when battery is low**.

When your phone goes into battery saver mode, you may not be able to change the settings of all apps.

Do not attempt to remove the battery from the device. To replace the battery, take the device to your nearest authorised service facility.

**⚠ Important:** Only qualified personnel or an authorised service facility should replace the battery. Unauthorised battery replacement may invalidate your warranty.

### Charge the battery

Your battery has been partially charged at the factory, but you may need to recharge it before you can switch on your phone for the first time.

## 10 Get started

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You do not need to charge the battery for a specific length of time, and you can use the phone while it is charging.

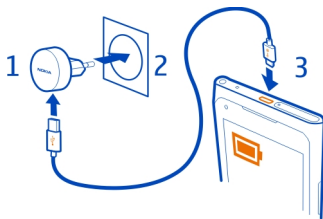
If your phone is off when you start to charge the phone, it automatically switches on.

Make sure you use a compatible USB charger to charge your phone.

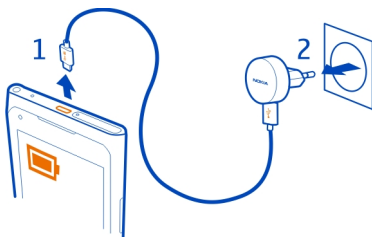
If the phone indicates a low charge, do the following:

### Charge from a wall outlet

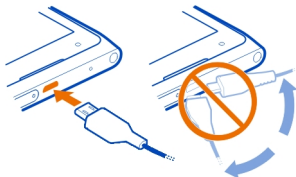
- 1 First connect the USB cable to the charger, plug the charger into a wall outlet, then connect the micro-USB end of the USB cable to your phone.



- 2 When the battery is full, unplug the charger from the phone, then from the wall outlet.



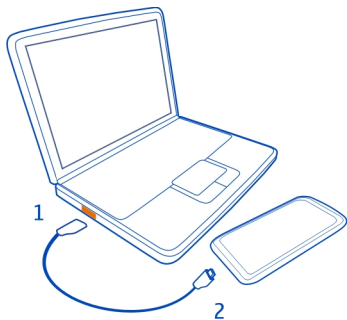
To avoid breaking the USB cable connector, be careful when connecting or disconnecting the charger cable.



### Charge from a computer

You can use USB charging when a wall outlet is not available. Data can be transferred while charging the device. The efficiency of USB charging power varies significantly, and it may take a long time for charging to start and the device to start functioning.

- 1 First connect the USB cable to the computer, then to your phone.



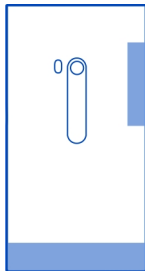
- 2 When the battery is full, first unplug the USB cable from your phone, then from the computer.

If the battery is completely discharged, it may take several minutes before the charging indicator is displayed or before any calls can be made.

If the battery has not been used for a long time, to begin charging, you may need to connect the charger, then disconnect and reconnect it.

### Antenna locations

Avoid touching the antenna area while the antenna is in use. Contact with antennas affects the communication quality and may reduce battery life due to higher power level during operation.



The antenna area is highlighted.

### Switch the phone on or off

#### Switch the phone on

Press and hold the power key, until the phone vibrates.

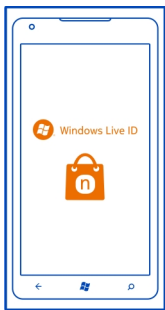


#### Switch the phone off

Press and hold the power key, and drag the lock screen down.

### Create your Windows Live ID

Your phone guides you through the initial setup when you put your SIM card in your phone and switch your phone on for the first time. To access all Windows Live services, create your Windows Live ID.



To create a Windows Live ID, you need an internet connection. For info about possible data costs, contact your network service provider. If you can't connect to the internet, you can create the account later.

If you already have a Windows Live ID, sign in with your existing username and password.

To create your Windows Live ID later, go to [www.live.com](http://www.live.com).

To make an emergency call during the initial setup, select **emergency call**.

### Windows Live ID

With a Windows Live ID, you can access Windows Live and Zune services with a single username and password on your computer or phone. You can also use the same username and password to access Xbox Live services on your Xbox.

With your Windows Live ID, you can, for example:

- Download content from Marketplace
- Back up your contacts in Windows Live
- Upload, store, and share pictures and documents on SkyDrive
- Keep track of and lock your lost phone with Find My Phone
- Get your gaming achievements on your phone, and add to them when you play games on your phone

The available services may vary.

To learn more about Windows Live ID and Windows Live services, go to [www.live.com](http://www.live.com).

### Nokia account

With your Nokia account, you can access all Nokia services with a single username and password, both on your phone and compatible computer.

You can:

- Download content from Nokia services
- Save details about your phone model and contact information. You can also add your payment card details.

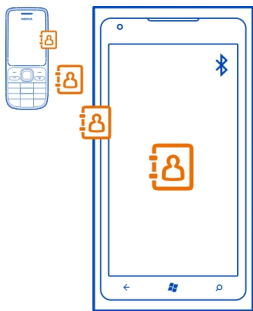
To learn more about the Nokia account and Nokia services, go to [www.nokia.com/support](http://www.nokia.com/support).

To create a Nokia account later, go to [account.nokia.com](http://account.nokia.com).

### Copy contacts from your old phone

Have your nearest and dearest instantly at your fingertips. Use the Contacts Transfer app to easily copy your contacts from your old phone.

Your old phone needs to have Bluetooth, and the contacts need to be stored in the phone memory, not on the SIM. The app does not work with all phone models.



- 1 On your old phone, switch Bluetooth on.
- 2 On the start screen of your new phone, swipe left to the apps menu, then select **Contacts Transfer**.
- 3 Select **continue**, then switch Bluetooth on.
- 4 Select your old phone from the list of found devices, then follow the instructions shown on both phones.

If your contacts are written in a language that is not supported by your new phone, the contact info may not be shown correctly.

If you have previously backed up your contacts in Windows Live, you can also import them to your phone straight from the service.

### Lock or unlock the keys and screen

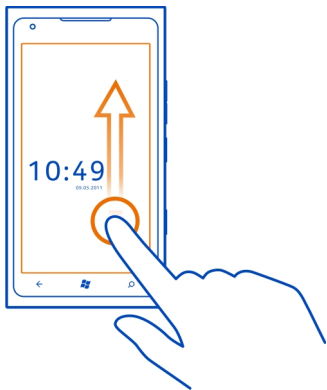
To avoid accidentally making a call when your phone is in your pocket or bag, lock the keys and screen of your phone.

#### Lock the keys and screen



Press the power key.

#### Unlock the keys and screen

Press the power key, and drag the lock screen up.

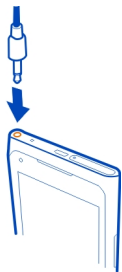


#### Set the keys and screen to lock automatically

Select  >  and **lock+wallpaper** > **Screen times out after**, and select the length of time after which the keys and screen are locked automatically.

### Headset

You can connect a compatible headset or compatible headphones to your phone.



Do not connect products that create an output signal, as this may damage the device. Do not connect any voltage source to the audio connector. If you connect an external device or headset, other than those approved by Nokia for use with this device, to the audio connector, pay special attention to volume levels.

### Change the volume

Press the volume keys up or down.

The volume keys control all sounds, including the volume of alarms and reminders.

The built-in loudspeaker allows you to speak and listen from a short distance without having to hold the phone to your ear.

### Switch the loudspeaker on or off during a call

Select .

### Access codes

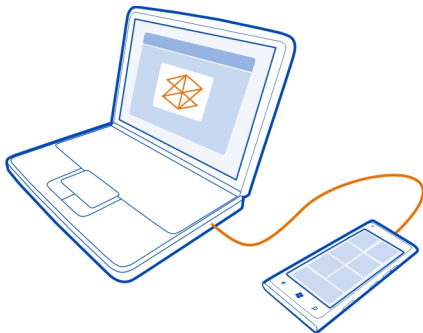
PIN code (4-8 digits)	This protects your SIM against unauthorised use or is required to access some features.  You can set your phone to ask for the PIN code when you switch it on.  If not supplied with your card or you forget the code, contact your service provider.  If you type in the code incorrectly three times in a row, you need to unblock the code with the PUK code.
PUK code	This is required to unblock a PIN code.



(8 digits)	If not supplied with your SIM, contact your service provider.
IMEI number (15 digits)	This is used to identify valid phones in the network. You may also need to give the number to Nokia Care services.  To view your IMEI number, dial <b>*#06#</b> .
Lock code (security code) (min. 4 digits)	This helps you protect your phone against unauthorised use.  You can set your phone to ask for the lock code that you define.  Keep the code secret and in a safe place, separate from your phone.  If you forget the code and your phone is locked, your phone will require service. Additional charges may apply, and all the personal data in your phone may be deleted.  For more information, contact Nokia Care or your phone dealer.

### Set your phone to sync with your computer

With the Zune PC app, you can sync music, videos, and pictures between your phone and your compatible computer. You can also back up and update your phone with the latest software, to improve performance and get new features.



- 1 Download and install the latest version of Zune on your PC from [www.zune.net](http://www.zune.net).

**Tip:** If you're using an Apple Mac, download Windows Phone 7 Connector for Mac from the Mac App Store.

- 2 Make sure your phone is not locked with a security code.

- 3 Connect your phone to your computer with a compatible USB cable, then follow the instructions shown on your computer.
- 4 To change Zune sync settings, on your computer, select **SETTINGS**.

If you have previously used another app, such as Nokia Suite, to sync your files between your phone and computer, you can set Zune to sync files to the same folders you have used earlier, and have your music and other content easily synced to your new phone.

## Basics

### About the start screen and apps menu


The two main views in your phone are:



- Start screen

Tap the tiles to open your favourite apps. The tiles show when you have missed calls and received messages.

You can rearrange the tiles, and pin contacts, apps, feeds, mailboxes, and other favourites. You can call pinned contacts directly from the start screen.

- Apps menu

All your apps are listed here, in alphabetical order. Have a lot of apps? To search for an app, select .

**Tip:** To switch between the start screen and apps menu, select  or , or simply swipe left or right.

### Touch screen actions

To use your phone, tap or tap and hold the touch screen.

**Important:** Avoid scratching the touch screen. Never use an actual pen, pencil, or other sharp object on the touch screen.

### Open an app or other screen element

Tap the app or element.

### Tap and hold to open a menu with further options

Place your finger on an item, until the menu opens.



**Example:** To edit or delete a calendar appointment, tap and hold the appointment, and select the appropriate option.

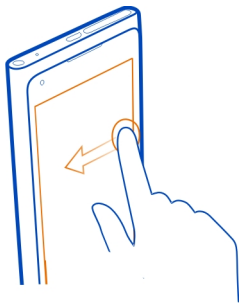
### Tap and hold to drag an item

Place your finger on the item for a second or two, and slide your finger across the screen.

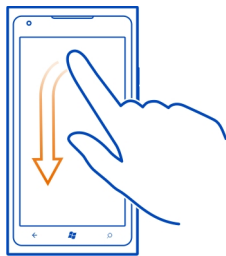


### Swipe

Place a finger on the screen, and steadily slide your finger in the desired direction.

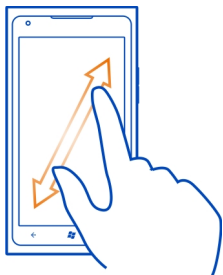


**Example:** Swipe left or right between the start screen and the apps menu, or between different views in the hubs. To quickly scroll through a long list or menu, slide your finger quickly in a flicking motion up or down the screen, then lift your finger. To stop the scrolling, tap the screen.



### **Zoom in or out**

Place two fingers on an item, such as a map, picture, or web page, and slide your fingers apart or together.



### Use your phone when it's locked




You can use certain features of your phone when it is locked, without having to enter the security code.

You can, for example:

- Change how your phone notifies you about incoming calls
- Answer or reject an incoming call
- Pause or resume playing music, or skip to another song

To wake up your phone, press the power key.

### Change how incoming calls are notified

Press a volume key, and select , , or .

### Pause or resume music, or skip to another song

Use the music player controls displayed at the top of the screen.

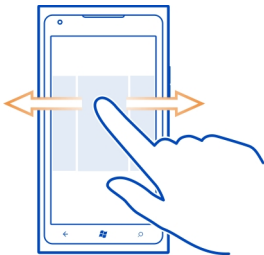
You can also see:

- The date and time
- Your next calendar event
- Missed calls or messages

### Switch between open apps

You can see which apps and tasks are open in the background, and switch between them.

Press and hold ←, swipe left or right, and select the desired app.



### Personalise your phone

#### Personalise the start screen

Would you like to have only the content you need on the start screen? Move or remove tiles, and pin contacts, apps, and websites to the start screen.

You can also pin music and pictures, your latest mail, favourite contacts, and more. When you pin a contact, their feed updates are shown on the tile, and you can call them directly from the start screen.

#### Pin a contact

- 1 Select **People**.
- 2 Select and hold the contact, then select **pin to Start**.

#### Pin an app

- 1 Select → to go to the apps menu.
- 2 Select and hold the app, then select **pin to Start**.

#### Pin a website

Go to a website, then select ●●● > **pin to start**.

#### Move a tile

Select and hold the tile, drag and drop it to the new location, then tap the screen.

#### Remove a tile from the start screen

Select and hold the tile, then select ⊗.

### Change your theme

You can change the colours, to match your taste and mood.




Select  >  and **theme** > **Background** or **Accent colour**.

**Tip:** You can save battery power if you use a darker background.


## Change the background pictures

Want to view your favourite pictures more often? You can change the background picture of the lock screen, or the Pictures hub or live tile.

### Change the lock screen wallpaper

- 1 Select  >  and **lock+wallpaper** > **change wallpaper**.
- 2 Select a picture, adjust it to get the best possible fit, and select .

### Change the background of the Pictures hub and live tile

- 1 In the Pictures hub, select **•••** > **choose background**.
- 2 Select a picture, adjust it to get the best possible fit, and select .

**Tip:** If you like variety, select **shuffle background**, and the phone will shuffle through your pictures.

## Personalise your ringtone and other tones

You can personalise your phone tones.




Select  >  and **ringtones+sounds**.

Select the type of ringtone or alert you want to change, and select the sound.

**Tip:** You can use the Zune PC app to create ringtones from your favourite songs.

## Silence your phone

When you switch silent mode on, all ringtones and alert tones are muted. Use this when you are, for example, at the cinema or in a meeting.

Press a volume key to see the volume status bar, then select **ring** . Silent mode  is switched on. If you have set your phone to vibrate, vibrate mode  is switched on instead of silent mode.

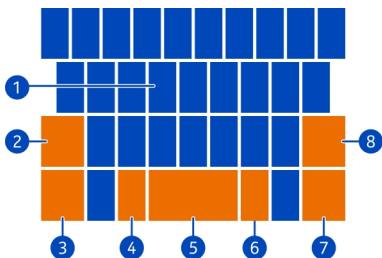
### Set your phone to vibrate

Select  >  and **ringtones+sounds**, and switch **Vibrate** to **On** .

## Write text

### Use the on-screen keyboard

To open the on-screen keyboard, select a text box. You can use the on-screen keyboard when holding your phone in portrait or landscape mode.



- 1 Character keys
- 2 Shift key
- 3 Numbers and symbols key
- 4 Smiley key
- 5 Space key
- 6 Language key. Shown when more than one writing language is used.
- 7 Enter key
- 8 Backspace key

The keyboard layout can vary in different apps.

### Switch between upper and lower case characters

Select the shift key. To switch caps lock mode on, select the key twice. To return to normal mode, select the shift key again.

### Type in a number or special character

Select the numbers and symbols key. Some of the special character keys can bring up more symbols. To see more related symbols, select and hold a symbol or special character.

**Tip:** To quickly type in a number or commonly used special character, put a finger on the numbers and symbols key, slide your finger to the character, then lift your finger.

**Tip:** To quickly type in a full stop and a space when you get to the end of a sentence, select the space key twice.

### Add an accent to a character

Select and hold the character, then select the accented character.

### Delete a character

Select the backspace key.



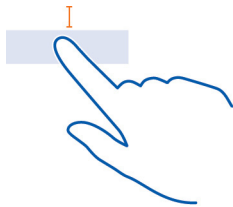
## Switch between the writing languages

Select the language key.

## Move the cursor

Tap and hold the screen near the text until a cursor is shown. Without lifting your finger, drag the cursor to the place you want.

To move the cursor to the next row or text box, select the enter key. The function of the enter key can change in different apps. For example, in the web address box of the web browser, it acts as the Go icon.



## Use keyboard word suggestions

Your phone suggests words as you write, to help you write quickly and more accurately.

Word suggestions are not available in all languages.

Select  >  and **keyboard** > **typing settings**.

- 1 Select a keyboard and **Suggest text and highlight misspelt words**.
- 2 In a text input field, start writing a word. Your phone suggests possible words as you write. When the correct word is displayed, select the word.
- 3 To add a new word to the dictionary, write the word, select it, and then select the plus sign (+) next to the word in the suggestion bar.

## Switch word suggestions off



Select a keyboard, then clear the **Suggest text and highlight misspelt words** check box.

## Remove all words manually added to suggestion list

Select **reset suggestions**.

### Add more writing languages

You can add several writing languages for your keyboard and switch between the languages when writing.

Select  >  and **keyboard**, then select the languages you want to write in. The language key is shown on the keyboard.

### Switch between the languages when writing

Select the language key. The keyboard layout and word suggestions change according to the language selected.





### Search your phone and the web

Explore your phone, the web, and the outside world. With Bing search, you can use the on-screen keyboard or your voice to write your search words. You can also use your phone camera to scan things, such as barcodes and book and DVD covers, and get further info on what your phone recognises.



Some services may not be available in all countries, and may be provided only in selected languages.

#### Search the web

- 1 Press .
- 2 Write your search word in the search box, then select . You can also select from the proposed matches.



**Tip:** To see related search results, swipe to **local** or **images**.

#### Use voice search



- 1 Press .
- 2 Select  in the search box.
- 3 Say **Find** or **Search for** and your search word.

Voice search is currently available in the following countries: Canada, France, Germany, Italy, Spain, the United Kingdom, and the United States.

## Search inside an app

- 1 In an app, such as Marketplace, select .
- 2 Write your search word in the search box, then select . You can also select from the proposed matches.

## Use vision search

- 1 Press .
- 2 Select , then scan text, QR codes, or barcodes.

**Tip:** To translate or search for scanned text on the web, select **scan text**.

## Indicators on the status bar

The status bar at the top of the screen tells you the current time, battery and signal strength, and much more.

**Tip:** To see hidden icons, tap the status bar.



Signal strength



A GPRS data connection (network service) is open.



An EDGE data connection (network service) is open.



Your phone is connected to a 3G network (network service).



An HSDPA/HSUPA data connection (network service) is open.



A Wi-Fi connection is available.



A Wi-Fi connection is active.



A Bluetooth device is connected to your phone.



Your calls are diverted to another number or your voice mailbox.



There is no SIM in your phone.



Your SIM is locked.



Your phone is roaming and not on your home mobile network.



Silent mode is switched on.



Flight mode is switched on.



Vibrate mode is switched on.



Battery power level



Battery saver mode is switched on.



The battery is charging.

The icons may vary depending on your region or network service provider.

## Use your phone in flight mode

In places where you don't want to make or receive calls, you may still access your music, videos, and offline games if you switch flight mode on.

Select  > , then switch **flight mode** to **On** .

When flight mode is switched on, your connection to the mobile network is closed. All radio frequency signals between the phone and the mobile network are prevented.



When flight mode is switched on, you can still connect to a Wi-Fi network to, for example, read your mail or browse the internet. You can also use Bluetooth.

Switch the phone off when mobile phone use is not allowed or when it may cause interference or danger. Remember to comply with any applicable safety requirements.

### Increase battery life

If it seems you're always looking for a charger, there are steps you can take to reduce the power consumption of your phone. The key is to find the balance between getting the most out of your phone while getting the battery life you need.

- Always charge the battery fully.
- Switch battery saver mode on.

**Tip:** To check the battery status, and switch battery saver mode on, select  >  and **battery saver**.


### Save battery with sound and screen options

- Mute unnecessary sounds, such as key press sounds.
- Use wired headphones, rather than the loudspeaker.

### Set the phone screen to switch off after a short time

Select  >  and **lock+wallpaper** > **Screen times out after**.

### Close the camera

After you've finished taking photos, press .

### Use a dark theme




Select  >  and **theme** > **Background** > **Dark**.

### Lower the screen brightness

Select  >  and **brightness**, switch **Automatically adjust** to **Off** , and select the desired level.

### Use network connections selectively

- If you're listening to music or otherwise using your phone, but don't want to make or receive calls, switch flight mode on.
- Set your phone to check for new mail less frequently.



- Switch Bluetooth on only when needed.
- Use a Wi-Fi connection to connect to the internet, rather than a mobile data connection.
- Stop your phone scanning for available Wi-Fi networks. Select  >  and **WiFi**, and switch **WiFi networking** to **Off** .

## Calls

### Call a contact

On the start screen, select  >  and the contact and the number.


### Search for a contact

On the start screen, select  > , and start entering the contact's name.

### Call the last dialled number



Trying to call someone, but they are not answering? It is easy to call them again. In the call history view, you can see information about the calls you have made and received.

On the start screen, select .

Select  next to the name or phone number.

### Call your voice mailbox

You can divert your incoming calls to your voice mailbox. Callers can also leave you a message if you do not answer. Voice mailbox is a network service.

- 1 Select  > .
- 2 If your phone asks for the voicemail password, enter it.
- 3 You can listen or reply to voicemails, delete them, or record a greeting message. Follow the audible instructions.

### Change the phone number of your voice mailbox

- 1 Select  >  > **call settings** and the voicemail number.
- 2 Enter the new number, and select **save**.

If the voice mailbox number is automatically set by your network service provider, you do not need to change the number.


### Divert calls to your voice mailbox or another phone number

If you cannot answer your calls, you can divert incoming calls to your voice mailbox or another phone number. Remember to set up your voice mailbox before diverting your calls there.

To divert an incoming call to your voice mailbox, select **ignore**.

**Divert calls to another phone number**

- 1 On the start screen, select  > ●●● > **call settings** > **Call forwarding**.
- 2 Enter the phone number in the **Forward calls to** field, and select **save**.



To check if call divert is being used, indicated with , tap the top of the screen.

Call divert is a network service. For details, contact your network service provider.


**Make a conference call**

Your phone supports conference calls between two or more people. The maximum number of participants varies by the network operator. Conference call is a network service.




- 1 Make a call to the first participant.
- 2 To make a call to another participant, select , and make the call.
- 3 When the new call is answered, to start the conference call, select .

**Add a new participant to a conference call**

Make a call to another participant, and to add the new call to the conference call, select .

**Have a private conversation with a conference call participant**

Select  and the person's name or phone number. The conference call is put on hold on your phone. The other participants continue the conference call.

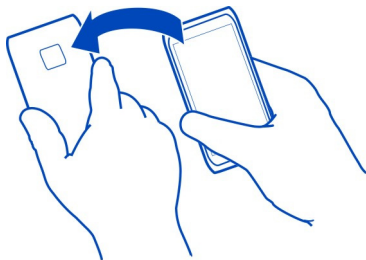
To return to the conference call, select .

**End an active conference call**

Select end call.

**Silence an incoming call**

When someone calls you, press the volume key or turn your phone face down.

**Contacts & social networking services****Contacts****About the People hub**

You can save and organise your friends' phone numbers, addresses, and other contact information in the People hub. You can also get in touch with your friends through social networking services.

The social networking services are third-party services and not provided by Nokia. Check the privacy settings of the social networking service you are using as you may share information with a large group of people. The terms of use of the social networking service apply to sharing information on that service. Familiarise yourself with the terms of use and the privacy practices of that service.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.

**Create, edit, or delete a contact**

You can save your friends' phone numbers, addresses, and other information to the People hub.



Select **People**, and swipe to **all**.

**Add a new contact**



1 Select **(+) > new contact**.

## 32 Contacts & social networking services

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- 2 If you have signed in to several accounts, select the account to which the contact is linked.
- 3 Select a contact detail, fill in the fields, and select .
- 4 When you have added the details, select .

### Edit a contact

- 1 Select the contact and .
- 2 If the contact has several accounts linked in the contact card, select an account.
- 3 Select a contact detail, edit the fields, and select .






### Delete a contact

- 1 Select the contact and **••• > delete**.
- 2 If the contact has several accounts linked in the contact card, select an account and **delete**.  
The contact is deleted both from your phone and, with some exceptions, from the online service where it's stored.






### Save a number from a received call or message

Have you received a call or message from a person whose phone number is not yet saved in the People hub? You can easily save the number in a new or existing contact list entry.

#### Save a number from a call

- 1 On the start screen, select .
- 2 In the call history list, select a phone number and .
- 3 Select , edit the phone number and phone number type, and select .
- 4 Edit other contact details, including the name, and select .

#### Save a number from a message


- 1 On the start screen, select .
- 2 In the conversations list, select a conversation.
- 3 At the top of the conversation screen, select the phone number and .
- 4 Select , edit the phone number and phone number type, and select .
- 5 Edit other contact details, including the name, and select .

### Search for a contact

Is the People hub overflowing? Rather than scrolling through your entire contacts list, you can search, or jump to a letter of the alphabet.

Select **People**, and swipe to **all**.




Select , and start writing a name. The list filters as you write.

### Jump to a letter of the alphabet

First select any letter, then the desired letter, and you jump to that point in your contacts list.

### Reduce the number of visible contacts

Select  > **settings** > **filter my contact list**, and select or clear the appropriate check boxes.



**Tip:** Pin your most important contacts or contact groups to the start screen. Select and hold a contact, then select **pin to Start**.

### Create, edit, or delete a contact group


When you have created contact groups, you can send a message to several people at the same time. For example, you can assign the members of your family to one group and reach them more easily with a single message.

Select **People**, and swipe to **all**.

### Add a new contact group

- 1 Select  > **new group**.
- 2 Enter a name for the group.
- 3 Select **add a contact** and a contact. To add another contact, select **add a contact** again.
- 4 Select .

### Edit a contact group

Select the group and .

### Rename a group

Select the group name, and enter the new name.


### Add a new contact

Select **add a contact** and a contact.

### Remove a contact

Select the contact and **remove from group** > **Remove**.

### Change the preferred contact information for a contact

Select the contact and the information you want to change, and when you're done, select .

### Delete a contact group


Select the group and **••• > delete > delete.**

### Link contacts


Do you have contact information for the same person from different social networking services or mail accounts as separate contact entries? You can link multiple contacts so that their information is in a single contact card.

Select **People**, and swipe to **all**.

### Link two or more contacts

- 1 Select the main contact you want to link to, and select .
- 2 Select **choose a contact** and the contact to be linked.

### Unlink a contact

- 1 Select the main contact and .
- 2 Select the contact to be unlinked and **unlink**.

### Copy contacts from a SIM card to your phone



If you have contacts stored on your SIM card, you can copy them to your phone. You can add more details to contacts that are stored on your phone, such as alternative phone numbers, addresses, or a picture.

- 1 Select **People**.
- 2 Select **••• > settings > import SIM contacts**.

### Social networks

#### Set up an account

Set up your social networking service accounts.




Select  **> ** and **email+accounts**.

Select **add an account** and the name of the service, and follow the displayed instructions.

#### Change your profile picture

When you set up a Facebook or Windows Live account on your phone, your profile picture from one of these social networking services also becomes the picture in your contact card on your phone. If you change your picture on your phone, you can update your Facebook and Windows Live profiles at the same time.

Select **People**, and swipe to **all**.

- 1 Select your own contact card and your picture.
- 2 Select your picture again, and in the Pictures hub, select a new picture.
- 3 Drag the picture around to adjust the cropping, and select .
- 4 To set where to update your picture, select **Post to**, select or clear the check boxes, and select .
- 5 Select .

### See your friends' status updates



After you set up social networking services on your phone, you can follow your friends' status updates in the People hub.

Select **People**, and swipe to **what's new**.

### Post your status

If you feel like reaching out to your friends, let them know what's on your mind. Post your status to the social networking services that you use.


Select **People**, and swipe to **all**.

- 1 Select your own contact card and **post a message**.
- 2 Write your message.
- 3 In the **Post to** field, select the check box next to each account to post to, and select .
- 4 Select .



### Write on your friend's wall

In Facebook, you can contact your friends by writing on their Facebook wall or by commenting on their status updates.

Select **People**.

- 1 Swipe to **all**.
- 2 Select a Facebook friend's profile and **write on wall**.
- 3 Write your message, and select .


### Comment on a friend's post

- 1 Swipe to **what's new**. Recent posts from your friends are displayed.
- 2 On the post, select .
- 3 Write your comment, and select .

### Upload a picture to a service

After you take a picture, upload it to the web so all your friends can see what you're up to. You can also set up your phone to upload pictures automatically to social networking services.

Select **Pictures**.

- 1 Browse your photo albums for the picture you want to share.
- 2 Select and hold the picture, and select **share...**
- 3 Select the sharing method. You can send it in a text message or mail, or upload it to social networking services.
- 4 Add a picture caption if you want, and select .

## Internet


### Internet connections

#### Define how your phone connects to the internet

Does your network service provider charge you a fixed fee for data transfer, or on a pay as you use basis? To use the optimal connection method, change the Wi-Fi and mobile data settings.

Select  > .

#### Use a Wi-Fi connection

- 1 Select **WiFi**.
- 2 Make sure **WiFi networking** is switched to **On** .
- 3 Select the connection you want to use.

Using a Wi-Fi connection is generally faster and less expensive than using a mobile data connection. If both Wi-Fi and mobile data connections are available, your phone uses the Wi-Fi connection.

#### Use a mobile data connection

- 1 Select **mobile network**.
- 2 Switch **Data connection to On** .

#### Use a mobile data connection when roaming

Select **mobile network** > **Data roaming options** > **roam**.

Data roaming means using your phone to receive data over networks that your network service provider doesn't own or operate.

Connecting to the internet when roaming, especially when abroad, can raise data costs substantially.

To use the fastest available mobile connection, select **Highest connection speed** and a connection. If the signal strength in your area is low, searching for or trying to stay connected to the fastest available network can use more battery power.

Mobile data access points may be sent to you by your network service provider. You can manually add access points.

### Manually add a mobile data access point

- 1 Select **mobile network** > **add APN**.
- 2 Write the APN address in the **APN** field.
- 3 Type in the username and password for your mobile data account.
- 4 If the APN uses a proxy server, write the address and port number in the appropriate fields.

If you later change your network service provider, for instructions on how to get the internet settings, go to [www.nokia.com/support](http://www.nokia.com/support).

### About Wi-Fi connections

Select  >  and **WiFi**.

**Tip:** Your phone periodically checks for and notifies of available connections. The notification appears briefly at the top of the screen. To manage your Wi-Fi connections, select the notification.


**Important:** Use encryption to increase the security of your Wi-Fi connection. Using encryption reduces the risk of others accessing your data.

**Note:** Using Wi-Fi may be restricted in some countries. For example, in France, you are only allowed to use Wi-Fi indoors. After 1 July 2012, the restriction on outdoor usage of Wi-Fi in France is withdrawn by the EU. For more information, contact your local authorities.

### Connect to a Wi-Fi network


Connecting to a Wi-Fi network is a handy way of accessing the internet. When out and about, you can connect to Wi-Fi networks in public places, such as a library or internet café.

Select  >  and **WiFi**.

- 1 Make sure **WiFi networking** is switched to **On** .
- 2 Select the Wi-Fi connection you want to use.

### Connect to a hidden Wi-Fi

- 1 Make sure **WiFi networking** is switched to **On** .

- 2 Select **advanced** > .
- 3 Write the network name, then select **add**.

### Close the Wi-Fi connection

Switch **WiFi networking** to **Off** .

### Close a network connection

If an app in the background is using an internet connection, you can close the connection without closing the app.

Select  > .

### Close all mobile data connections

- 1 Select **mobile network**.
- 2 Switch **Data connection** to **Off** .

### Close all Wi-Fi connections




- 1 Select **WiFi**.
- 2 Switch **WiFi networking** to **Off** .

### Close all network connections

- 1 Select **flight mode**.
- 2 Switch **Status** to **On** .

### Share your mobile data connection

Want to use the internet on your laptop but don't have access? When you wirelessly tether your phone to your computer or other device, you can use your mobile data connection on that device. A Wi-Fi connection is created.

- 1 Select  >  and **Internet Sharing**.
- 2 Switch **Sharing** to **On** .
- 3 To change the name of your connection, select **setup** > **Broadcast name**, then write a name.  
You can also type in a password for the connection.
- 4 Select the connection on the other device.

The other device uses data from your data plan, which may result in data traffic costs. For info on availability and costs, contact your network service provider.

## Internet

### About the web browser

Select .

Catch up on the news, and visit your favourite websites. You can use Internet Explorer 9 Mobile in your phone to view web pages on the internet.

To browse the web, you must be connected to the internet.


The XHTML browser in this phone supports the Unicode encoding format.

### Browse the web


Select .

**Tip:** If you do not have a flat-rate data plan from your network service provider, to save data costs in your phone bill, you can use a Wi-Fi network to connect to the internet.

#### Go to a website

Write a web address in the address bar, then select .

#### Search the internet

Write a search word in the address bar, then select .



#### Zoom in or out

Place two fingers on the screen, then slide your fingers apart or together.


**Tip:** To quickly zoom in on a section of a web page, double-tap the screen. To zoom out, double-tap the screen again.

You can open up to 6 browser tabs at the same time and switch between them.

#### Open a new tab

Select  > tabs > .

#### Switch between tabs

Select  > tabs and a tab.

#### Close a tab

Select .

#### Send a web link

Select  > share page and the sharing method.

A cache is a memory location that is used to store data temporarily. If you have, or have tried to, access confidential information or a secure service, requiring passwords, clear the cache after each use.

### Empty the cache

Select **••• > settings > delete history.**

### Add a website to your favourites

If you visit the same websites all the time, add them to your favourites, so you can easily access them.

Select **e**.

While browsing, select **••• > add to favourites.**

### Go to a favourite website

Select **••• > favourites** and a website.

**Tip:** You can also pin your favourite websites to the start screen. While browsing the website, select **••• > pin to start.**

## Messaging & mail

### Messages

#### About Messaging

Select **m**.

You can send and receive different kinds of messages:

- Text messages
- Multimedia messages that contain your pictures
- Instant messages

Messages and chats between you and a particular contact are arranged into conversations.

When you want to get in touch with a contact, your phone can help you pick the best method. If the contact is signed in to a chat service, you can send an instant message. Otherwise, a text message can be sent instead.

If you make contact groups containing, for example, family or colleagues, you can send a message to a group.



You can send text messages that are longer than the character limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly.





Characters with accents, other marks, or some language options, take more space, limiting the number of characters that can be sent in a single message.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.


### Send a message

With text and multimedia messages, you can quickly contact your friends and family. In a multimedia message, you can attach your pictures.



Select .

- 1 Select .
- 2 Select  to add a recipient from your contacts list, or type in the phone number. You can add more than one recipient.
- 3 Select the message field, then write your message.
- 4 To add an attachment, select  and the file.
- 5 Select .

### Reply to a message

- 1 Select the conversation containing the message.
- 2 Select the message field, write your reply, then select .

### Forward a message

- 1 Select the conversation containing the message.
- 2 Select and hold the message, then select **forward**.
- 3 Select  to add a recipient from your contacts list, or type in the phone number.
- 4 Select .

Sending a message with an attachment may be more expensive than sending a normal text message. For more info, contact your service provider.

If the item you insert in a multimedia message is too large for the network, the device may automatically reduce the size.

Only compatible devices can receive and display multimedia messages. Messages may look different in different devices.

### Send a message to a group of people

Would you like to send a message to all your family members? If you have assigned them to a group, you can send a text message or mail to all of them at the same time.

Select **People**.


Select the group and **text** or **send email**, and write and send your message.

### Chat with your friends

Select .

You need a Windows Live account to chat.

Before starting to chat, set up a chat service. Swipe left to **online**, then follow the instructions shown on the phone.

- 1 Sign in to a chat service, if not signed in already.
- 2 In the People hub, select the contact you want to chat with. You can also chat with a group of people.
- 3 Write your message, then select .

### View a conversation

You can see the messages you have sent to and received from a particular contact in a single conversation thread, and continue the conversation from that thread. The thread can contain text messages, multimedia messages, and instant messages.

On the start screen, select  and the conversation.

### Reply to a message in a conversation

Select the message field, write your reply, then send the message.

### Delete a conversation

In the threads view, select and hold the conversation, then select **delete**.

When you send a new message, it is added to the current conversation. If no conversation exists, a new conversation is started.

When you open a received message from the start screen, the message opens in the conversation.

## Mail

### About Mail



On the start screen, select a mailbox.

You can use your phone to read and reply to mail when you are on the go. You can also combine mailboxes, so you can see all your mail in a unified inbox.

Mails are organised into conversations.

### Add a mailbox

You can add several mailboxes to your phone.

Select  >  > **email+accounts**.

- 1 Select **add an account** and an account.
- 2 Enter your username and password in the appropriate fields.
- 3 Select **sign in**.



### Delete a mailbox

Select and hold the mailbox, and select **delete**.


### View several mailboxes in a unified inbox

If you have more than one mail account, you can choose which inboxes you want to link together in a unified inbox. The unified inbox lets you see all your mail at a glance.

#### Link inboxes

- 1 On the start screen, select a mailbox.
- 2 Select  > **link inboxes**.
- 3 In the **other inboxes** list, select the inboxes you want to link to the first one.
- 4 Select **rename linked inbox**, enter a new name, and select . The new unified inbox is pinned to the start screen.

#### Unlink inboxes

- 1 On the start screen, select a unified inbox.
- 2 Select  > **linked inboxes**.
- 3 In the **this inbox** list, select the inboxes you want to unlink and **unlink**.

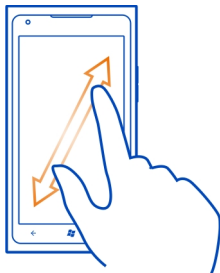
### Read a received mail

You can use your phone to read and reply to mail.

On the start screen, select a mailbox.

In the inbox, select the mail.

**Tip:** To zoom in or out, place two fingers on the screen, then slide them together or apart.




### Open an attachment

Select the attachment. If the attachment has not already been downloaded to your phone, select the attachment, then select it again when it has downloaded.

### Save an attachment

Open the attachment, then select **•••** > **save to phone**.


### Reply to the mail

- 1 Select .
- 2 To reply to the sender only, select **reply**. To reply to the sender and all other recipients, select **reply all**.


### Forward the mail

Select **forward**.

### Delete a mail

Open the mail, then select .

### Delete several mails at once





In the inbox, tap to the left of the mail you want to delete. Select the check boxes that appear next to the mails, then select .

**Tip:** If a mail contains a web address, to open the address in the phone web browser, select the address.

## Send a mail

You can use your phone to write and send mail, and attach files to your mail.

On the start screen, select a mailbox.

- 1 Select .
- 2 To add a recipient from the People hub, select  in the **To:** field.
- 3 To remove a recipient, select their name or mail address, and select **Remove**.
- 4 Enter a subject in the **Subject:**field.
- 5 Write your mail.
- 6 To attach a file, select .
- 7 To send the mail, select .

## Open mail from the start screen

You can have several mailboxes pinned to the start screen. For example, dedicate a tile for business mail and another for free time. You can also combine several mailboxes into one tile.

From the tiles, you can see if you've received new mail and the number of unread mails. To read your mail, select the tile.

# Camera

## About the camera

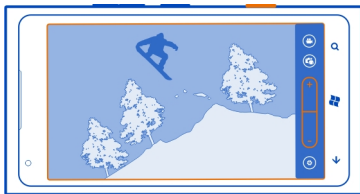
To open the camera, press the camera key.


Why carry a separate camera if your phone has all you need for capturing memories? With your phone camera, you can easily take pictures or record videos.

You can later view the pictures and videos on your phone, and send them to your family and friends. It's also easy to share your pictures on the internet.

## Take a picture

To open the camera, press the camera key.



- 1 To zoom in or out, select + or - in .
- 2 To focus, press and hold the camera key halfway down. The focus is locked when the white rectangle stops blinking.

**Tip:** When the focus is locked, you can keep the camera key pressed halfway down, and recompose the picture.

- 3 To take the picture, press the camera key fully down.  
Do not move the phone before the picture is saved and the camera is ready for a new picture.


To view the picture you just took, swipe right. Pictures are saved to your **Camera Roll** in the Pictures hub.


### Take a picture without using the camera key

- 1 To focus on a specific object or area, tap the object or area on the screen.
- 2 Hold the phone still, until the white square stops blinking.

### Record a video

Besides taking pictures with your phone, you can also capture your special moments as videos.





- 1 To open the camera, press the camera key.
- 2 To switch from image mode to video mode, select .
- 3 To start recording, press the camera key. The timer starts to run.
- 4 To stop recording, press the camera key. The timer stops.

To view the video, swipe right, then select . The video is saved to your **Camera Roll** in the Pictures hub.

### Camera tips

Here are some tips to help you get the most out of your phone camera.

- Use both hands to keep the camera steady.



- To zoom in or out, select + or - in .
- When you zoom in, the image quality may decrease.
- To switch between taking pictures and recording videos, select  or .
- To change camera settings, such as flash, scene modes, and resolution, select  and the setting.
- If you don't use the camera for a few minutes, it goes to sleep. To wake the camera up, press the power key, then drag the lock screen up.

Keep a safe distance when using the flash. Do not use the flash on people or animals at close range. Do not cover the flash while taking a photo.


### Take a self-portrait

To take self-portraits easily, use the front camera of your phone.

To open the camera, press the camera key.

- 1 Select .
- 2 To zoom in or out, select + or - in .
- 3 To take the picture, press the camera key.

Do not move the phone before the picture is saved and the final picture displayed.

**Tip:** You can also record videos with the front camera. To switch to video recording, select . To start recording, press the camera key.

### Take a close-up picture

It can be tricky to get small objects, such as insects or flowers, in focus. You need to move the camera closer to the object. To take sharp and precise pictures of even the tiniest details, use close-up mode.

To open the camera, press the camera key.

#### Switch close-up mode on

Select  > Scenes > Macro.

### Take a picture in the dark

Want to take better pictures even in dim light? Use night mode.

To open the camera, press the camera key.

**Switch night mode on**

Select  > **Scenes** > **Night**.

**Take a picture of a moving object**

Are you at a sports event and want to capture the action with your phone? Use sports mode to take a sharper picture of moving people.

To open the camera, press the camera key.

**Switch sports mode on**

Select  > **Scenes** > **Sports**.

**Save location information to your pictures and videos**

If you want to remember exactly where you were when you took a particular picture or video, you can set your phone to automatically record the location.

**Switch location recording on**





- 1 Select  > .
- 2 Swipe to **applications**, and select **pictures+camera**.
- 3 Switch **Include location information in pictures you take to On** .



If you want location information to be included in your pictures when you upload them to a sharing service, such as Facebook or SkyDrive, switch **Keep location information on uploaded pictures to On** .

**Send a picture or video**

You can send pictures and videos in a multimedia message or mail.

**Send a picture or video in a multimedia message**

- 1 Select  and .
- 2 To add a recipient from the People hub, select . You can also write the recipient's name or phone number in the **To:** field.
- 3 Write a message if you like.
- 4 Select  > **picture or video**, then go to the album where the picture or video is.




**Tip:** You can also take a new picture while you're writing your message. Select  > **picture or video** > , take a picture, then select **accept**.



- 5 Select .


**Send a picture in a mail**

- 1 On the start screen, select a mailbox.



- 2 Select .
- 3 To add a recipient from the People hub, select .
- 4 Write a subject in the **Subject:** field.
- 5 Write your mail.
- 6 Select , then select an album and a picture.

**Tip:** You can also take a new picture while you're writing your mail. Select  > , take a picture, then select **accept**.

- 7 Select .


**Tip:** You can also send a video from your PC. After recording a video on your phone, use a compatible USB cable to connect your phone to your PC, copy the video to your PC using Zune, and send it from your PC.

### Share your pictures and videos


After taking a picture or recording a video you can upload it to a sharing service, such as Facebook or SkyDrive.

To open the camera, press the camera key.

#### Share your picture

- 1 Take a picture.
- 2 Swipe right, tap and hold the picture, then select **share....**
- 3 Select the sharing service, write a caption if you like, then select .

#### Share your video

- 1 Record a video.
- 2 Swipe right, tap and hold the video, then select **share....**
- 3 Select the sharing service, write a caption if you like, then select .

**Tip:** To make sharing easier, you can set Facebook or SkyDrive as your quick share account. The quick share account is in the menu when you start sharing.

To set the quick share account, select  > , swipe to **applications**, then select **pictures+camera** > **Quick Share Account** and the account.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.

Not all sharing services support all file formats or videos recorded in high quality.

## Your pictures

### About the Pictures hub

Select **Pictures**.

The pictures you have taken or videos you have recorded with your phone are saved to the Pictures hub, where you can browse and view them.

To manage your media files more effectively, mark your favourites, or organise them into albums.

### View pictures

Select **Pictures**.

#### Browse pictures

Select **Camera Roll**.

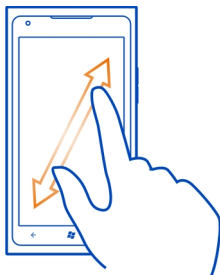
#### View a picture

Tap the picture.

To view the next picture, swipe left. To view the previous picture, swipe right.

#### Zoom in or out

Place two fingers on the screen, and slide your fingers together or apart.



**Tip:** To quickly zoom in or zoom back out, tap the picture twice.

#### View the available options

Tap and hold the picture.

Pictures can be sent to you in a mail or multimedia message. To view these pictures later, save them to the Pictures hub.

### Save a picture to the Pictures hub

In the mail or multimedia message, select the picture and **••• > save to phone**. You can view the saved picture in the Pictures hub. Select **albums > Saved Pictures**.

### Mark a picture as a favourite

Would you like to find your best shots quickly and easily? Mark them as favourites, and you can see them all in the **favourites** view in the Pictures hub.

Select **Pictures**.

- 1 Select **albums**, and browse to the picture.  
If the picture is in an online album, save it to your phone first. Select **••• > save to phone**.
- 2 Tap and hold the picture, and select **add to favourites**.



**Tip:** You can also mark a picture as a favourite right after taking it. Just swipe right, tap and hold the picture, and select **add to favourites**.

### View your favourites

Swipe to **favourites**.

### Upload pictures and videos to the web

Want to upload your pictures and videos to a social networking service for your friends and family to see? You can do that directly from the Pictures hub.

- 1 Select **Pictures**.
- 2 Select a picture or video to upload.
- 3 Tap and hold the picture or video, and select **share...** and the service.
- 4 Enter a caption if you like, and select  or .


**Tip:** To make sharing easier, you can set Facebook or SkyDrive as your quick share account. The quick share account is displayed in the menu when you start sharing.

To set the quick share account, select  **>** , swipe to **applications**, and select **pictures+camera > Quick Share Account** and the account.

### Change the background in the Pictures hub

Have a superb shot that makes you feel good every time you look at it? Set it as the background of the Pictures hub.

### Select Pictures.

- 1 Select ●●● > **choose background**.
- 2 Select the picture and .

**Tip:** You can also set your phone to periodically change the picture automatically. Select ●●● > **shuffle background**.

### Create an album

To easily find pictures of an occasion, a person, or a trip, for example, organise your pictures into albums according to subject.

Use the Zune PC app or Windows Phone 7 Connector for Mac on your computer.

When you delete an album from the phone, also the pictures in that album are deleted. If you have copied the album to your computer, the album and the pictures in it remain on your computer.

### Delete an album

- 1 Select **Pictures and albums**.
- 2 Select and hold an album, and select **delete**.

You cannot delete online albums from your phone.

### Copy your pictures between your phone and PC

Have you taken pictures with your phone that you want to copy to your PC? Use the Zune PC app to copy your pictures between your phone and a PC.

- 1 Use a compatible USB data cable to connect your phone to a compatible computer.
- 2 On your computer, open Zune. For more information, see the Zune help.

You can download the latest version of Zune from [www.zune.net](http://www.zune.net).

## Entertainment

### Music and videos

#### About Zune player

Select .

You can use the Zune player to watch videos and listen to the radio, music, and podcasts while on the move.

### Play music, videos, and podcasts

Select .

- 1 Select **music**, **videos**, or **podcasts**.
- 2 To browse by category, swipe left or right.
- 3 Select the file you want to play.

### Pause and resume playback

To pause playback, select ; to resume, select .

### Fast-forward or rewind

Select and hold or .

**Tip:** To play songs in a random order, select .

**Tip:** You can also use the Zune PC app to make playlists of your favourite music, and copy them to your phone.

### Listen to the radio

Enjoy your favourite FM radio stations on the go.

Connect a compatible headset, and select and **radio**. The headset acts as an antenna.



### Go to the next or previous station

Swipe left or right.

**Tip:** If you use a shorter swiping motion, you can skip to stations that have a stronger signal.


### Switch between speakers and headset

Select and hold the station number, and select **switch to speaker** or **switch to headset**.

### Save a radio station as a favourite

Save your favourite radio stations so you can easily listen to them later.

Select  and **radio**.

To save the station that you are listening to, select .

### View the list of saved stations

Select .

### Remove a station from favourites

Select .

### Copy music and videos from your PC

Do you have media on your PC that you want to listen to or watch on your phone? Use the Zune PC app to copy music and videos to your phone, and to manage and synchronise your media collection.



- 1 Use a compatible USB data cable to connect your phone to a compatible computer.
- 2 On your computer, open Zune. For more information, see the Zune help.

Some music files can be protected by digital rights management (DRM) and cannot be played on more than one phone.

**Tip:** You can also use Zune to make playlists of your favourite music, and copy them to your phone.

Download the latest version of Zune from [www.zune.net](http://www.zune.net).

## Marketplace

### About Marketplace

Select .

Do you want to personalise your phone with more applications? Or download games, also free of charge? Browse the Marketplace to find the latest content that is designed specifically for your phone.

You can download:

- Games
- Applications
- Videos
- Wallpapers
- Ringtones

The selection of items available for download depends on your region.

You can also:

- Get content that is relevant to your tastes and location
- Share recommendations with your friends

To download from Marketplace, you need to be signed in to your Windows Live account on your phone. When you're signed in, you are offered content compatible with your phone.

If the local Marketplace for your region is not yet available, your options for using Marketplace are limited.

You can search for and download content directly on your phone, or browse Marketplace on your compatible computer and send links to content to your phone in text messages.

**Tip:** Download music directly on your phone from Zune Marketplace. You can also use your compatible computer to browse, for example, music and videos in Zune, and copy the items to your phone. The Zune Music service is not available in all regions.

Some items are free of charge; others you need to pay for with your credit card or on your phone bill. The availability of payment methods depends on your country of residence and your network service provider.

### Browse or search Marketplace

Check out the latest and most downloaded apps or games, and items recommended for you and your phone. Browse different categories, or search for specific apps or games.

Select .

### View top, new, or featured items, or browse categories

Select **applications** or **games**, then swipe left or right.

### Search Marketplace

Select .

When you view an item, related items are also shown.

**Tip:** To see what others have to say about an item, select the item. You can also see a description, the price, and the size of the download.

**Tip:** Did you find something in Marketplace that you know your friends would be interested in? You can send them a link. If the item is free, select **share**. If the item has a price, select **••• > share**.

### Download a game, app, or other item

Download free games, apps, or videos, or buy more content for your phone. From Marketplace, you can find content designed specifically for your phone.

Select .

Make sure your battery is fully charged before starting a download.

- 1 Select the item.
- 2 If the item has a price, select **buy**. If the item is free, select **install**.
- 3 If you're not signed in to Windows Live, sign in now.
- 4 By default, purchases are added to your phone bill, if available. You can also choose to pay with your credit card.
- 5 Follow the instructions shown on the phone.
- 6 When the download is complete, you can open or view the item, or continue browsing for more content. The content type determines where the item is stored in your phone: music, videos, and podcasts can be found in the Music+Videos hub, games can be found in the Games hub, and apps can be found in the apps menu.

**Tip:** Use a Wi-Fi connection to download larger files, such as games, apps, or videos.

For more info on an item, contact the publisher of the item.

### View your download queue

While an item is downloading, you can continue to browse for other content and add items to your download queue.



Select .

The download notification at the bottom of the main view indicates the number of items being downloaded. To view your download queue, select the notification.

One item is downloaded at a time, and pending items wait in your download queue.

**Tip:** If you need to, for example, temporarily close your Wi-Fi connection, select and hold the downloading item, and select **pause**. To resume downloading, select **resume**. Pause pending items individually.

If a download fails, you can re-download the item.

### Write a review for an app

Do you want to share your opinion on an app with other Marketplace users? Rate and review the app.

You can post one review per app that you download.

- 1 In the apps menu, select and hold the app, then select **rate and review**.
- 2 Rate the app, then write your review.

**Tip:** You can rate and review your games in the same way. Select **Games**.

## Games

### Download games

Get new games on your phone on the go.

- 1 On the start screen, select **Games**.
- 2 Browse the selection, and select the game you want.
- 3 To try an app, select **try** > **install**.

### Play a game

Gaming on your phone is a truly social experience. Xbox LIVE, Microsoft's gaming service, lets you play games with your friends and use your gamer profile to keep track of game scores and achievements. You can do this online, on your Xbox console, and on your phone through the **Games** hub.

Select **Games**.

To play Xbox LIVE games, you need an Xbox LIVE account. If you don't yet have an account, you can create one. Xbox LIVE is not available in all areas.

Swipe to **collection**, and select a game. If it is an Xbox LIVE game, sign in to Xbox LIVE.

Before you can play a game, you need to install it on your phone.

If you want to find new games, you can try and buy from Marketplace. Marketplace is not available in all areas.

### Get more games

Swipe to **collection**, scroll to the bottom, and select **get more games**.

**Tip:** If you play a game a lot, to pin it to your start screen, in the **collection** view, select and hold the game, and select **pin to Start**.

### Accept an invitation to play a game

- 1 Sign in to Xbox LIVE.
- 2 Swipe to **requests**, and select the invitation.
- 3 If you don't have the game, but it is available in your area in Marketplace, you can either download a trial version or buy it right away.

### Resume playing a game

When you return to a game, there may be a resume icon in the game itself. Otherwise, tap the screen.

## Maps & navigation

### Positioning and location services

#### About positioning methods

Your phone shows your location on the map using GPS, A-GPS, Wi-Fi, or cellular positioning.

GPS	The global positioning system (GPS) is a navigation system that uses satellites to work out where you are.
A-GPS	The Assisted GPS (A-GPS) network service retrieves location information using the cellular network, and assists GPS in calculating your current location.
Wi-Fi	Wi-Fi positioning improves positioning accuracy when GPS signals are not available, especially when you are indoors or between tall buildings.  You can also switch Wi-Fi and cellular positioning off in your phone settings.

Cell ID	With network (cell ID) based positioning, your phone locates you through the cellular system your phone is currently connected to.
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A-GPS and other enhancements to GPS may require transferring small amounts of data over the cellular network. If you want to avoid data costs, for example when travelling, you can switch the mobile data connection off in your phone settings.

The availability and quality of GPS signals may be affected by your location, satellite positions, buildings, natural obstacles, weather conditions, and adjustments to GPS satellites made by the United States government. GPS signals may not be available inside buildings or underground.

Do not use GPS for precise location measurement, and never rely solely on the location information provided by GPS and cellular networks.

The GPS of this device is not for professional positioning. GPS connection time might also be affected by weather, use environment, and other condition of use. GPS should only be used as a navigation aid and should not be used for emergency or task which requires more precise positioning.

**Note:** Using Wi-Fi may be restricted in some countries. For example, in France, you are only allowed to use Wi-Fi indoors. After 1 July 2012, the restriction on outdoor usage of Wi-Fi in France is withdrawn by the EU. For more information, contact your local authorities.

Depending on the available positioning methods, the accuracy of positioning may vary from a few metres to several kilometres.

## Nokia Maps

### About Nokia Maps

Select .

Nokia Maps shows you what is nearby, and directs you where you want to go.

- Find cities, streets, and services
- Find your way with turn-by-turn directions
- Share your location

Maps availability depends on the laws of each country/region (e.g. maps may not be available due to legal restrictions of countries/regions). Nokia disclaims any and all warranty with respect to the availability of maps, including its accuracy, correctness and update.

Some services may not be available in all countries, and may be provided only in selected languages. The services may be network dependent. For more information, contact your network service provider.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.



Contents of digital maps may sometimes be inaccurate and incomplete. Never rely solely on the content or the service for essential communications, such as in emergencies.

Some content is generated by third parties and not Nokia. The content may be inaccurate and is subject to availability.

### See your location and browse the map

See where you are now on the map, and browse maps of different cities and countries.

Select .

 shows your current position, if available. If your current position can't be found,  shows your last known position.

If accurate positioning is not available, a green halo around the positioning icon shows the general area you might be in. In densely populated areas, the accuracy of the estimate increases, and the green halo is smaller than in lightly populated areas.

### Browse the map


Drag the map with your finger. By default, the map is oriented north.

### See your current or last known location

Select .

### Zoom in or out

Place two fingers on the map, then slide your fingers apart to zoom in or together to zoom out.



**Tip:** To add zoom controls to the map view, select **••• > settings**, and switch **Zoom controls** to **On** .

Map coverage varies by country and region.

### Find a location

Nokia Maps helps you find specific locations and businesses.

Select .

- 1 Select .
- 2 Write search words, such as a street address or place name.
- 3 Select an item from the map, or select  to see the list of proposed matches.

**Tip:** In the search view, you can also select from your previous search words.

If no search results are found, make sure the spelling of your search words is correct. You must be online to search for places and locations.

### Discover nearby places

Looking for a new restaurant, hotel, or shop? Nokia Maps suggests nearby places for you.


Select .

#### Find suggested places nearest to you

Select  > .

All types of suggested places are shown on the map.

#### Find suggested places elsewhere




Browse to a point in the map, then select .

#### See the details of a place

Select the place pin on the map, then select the info bubble.

The place card contains general info, photos, reviews, links to guides, and further suggestions of nearby places.

#### Find certain types of nearby places

- 1 Select  > .
- 2 Select , then swipe to **explore**.
- 3 Select a category tile.

The nearby places in the category are shown on the map.

**Tip:** Select and hold a category tile to pin it to the start screen. This way you can quickly discover new places wherever you are.

### See the details of a place

Want to see more info about an interesting-looking place? Place cards can contain general info, photos, reviews, links to guides, and further suggestions of nearby places.

Select .

### View a place card

Select the place icon on the map, then select the info bubble.

The **about** view shows basic info about the place, such as the phone number and address.

### See photos or reviews by other people

In the place card, swipe to **photos** or **reviews**.

### See guides

In the place card, swipe to **guides**, and visit web guides that have info on the place.

### See nearby places


In the place card, swipe to **nearby**, and go to other place cards.

## Get directions to a place




Want to find your way easily? Get directions for walking, driving, or using public transport (if available in your city) to a place from where you are now.

Select .

- 1 Select the place icon on the map, or select and hold a point on the map, then select the info bubble.
- 2 In the **about** view, select **get directions**.

The route is shown on the map, along with an estimation of how long it takes to get there. Select  to see the detailed directions.

### Switch between walking, driving, and public transport directions

In the detailed directions view, select , , or .

Public transport routes are shown if a valid connection is found between your location and your destination.

## Change the look of the map

View the map in different modes, to highlight certain details and to help you find your way more easily.

Select  and .

### View the standard map

Select **map**. Details such as location names or motorway numbers are easy to read in the standard map view.

**Use the satellite view**

For a real-world view of the map, select **satellite**.

**Use the public transport view**

To see public transport services, such as metro or tram routes, select **transit**.



The available options and features may vary by region. The unavailable options are dimmed.

**Nokia Drive****Drive to your destination**

When you need turn-by-turn directions while driving, Nokia Drive helps you get to your destination.

Select .

When you use Nokia Drive for the first time, your phone asks you if you want to download street maps for your current location and a navigation voice that matches your phone language settings. If you download the maps using your home Wi-Fi connection before you leave for your trip, you will save on data costs while travelling.

- 1 Select  > **Set destination**, then search for your destination or select a recent destination from **Last destinations**.
- 2 Select **DRIVE TO** > **START**.
- 3 To stop the navigation, select  > **Stop navigation**.

You can also start driving without a set destination. The map follows your location.

By default, the map rotates to your driving direction. The compass always points north.


**Tip:** To use a full screen map, tap the map.

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

**Get voice guidance**

Voice guidance, if available for your language, helps you find your way to a destination, leaving you free to enjoy the journey.

Select .

- 1 Select  > **Settings** > **Navigation voice**.
- 2 Select a language, or to not use voice guidance, select **None**.

You can also download new navigation voices.

### Download navigation voices

Select  > **Settings** > **Navigation voice** > **Download new** and a voice.



### Download or remove maps

To save on data costs when travelling, save new street maps to your phone before your journey. If you're running low on space in your phone, you can remove some maps.


Select  and  > **Settings** > **Manage maps**.

To download maps on your phone, you need to be connected to a Wi-Fi network.

### Download a map

- 1 Select .
- 2 Select a continent, a country, and an area if applicable, then select **Install**.  
To cancel the download, select .

### Remove a map

Select the map, and on the map details page, select .

### Remove all maps

Select  > **delete all** > **OK**.

Using services or downloading content may cause transfer of large amounts of data, which may result in data traffic costs.

### Navigate offline

To save data costs, you can also use Nokia Drive offline.

- 1 Select .
- 2 Select  > **Settings**.
- 3 Switch **Connection to Offline**

Some features, such as search results, may be limited when using Nokia Drive offline.


### Change the look of the Nokia Drive view

Would you like to see a more realistic 3D map, or are you using Nokia Drive at night, when it's dark? With the different map modes, you can see the info you need clearly at all times.

Select .




### Switch between 2D and 3D

Select , then select 2D or 3D.


To see the map clearly also when it is dark, you can use night mode.

### Switch night mode on

Select  > Settings, then switch Map colours to Night.

To get a bigger and better view of your surroundings on the map, use the full screen map.

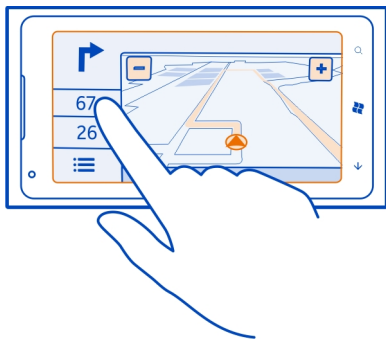
### Use the full screen map

Tap the map. To see the info area, press .

When navigating, the remaining distance to your destination is shown by default. You can also set Nokia Drive to show your estimated time of arrival or remaining time.

### Switch between distance, time of arrival, or remaining time view

In the navigation view, select the remaining distance and an option.






**Tip:** By default, Nokia Drive shows prominent buildings and attractions on the map. If you don't want to see them, select  > Settings, then switch Landmarks to OFF



### Get speed limit warnings

Don't let your speed drift above the limit – set your phone to warn you when you're driving too fast.

The availability of speed limit info may vary according to the region and country.

- 1 Select .
- 2 Select  > **Settings**, then switch **Speed limit** to **Alert on** .
- 3 To set by how much you can exceed the limit before being warned, drag the **Alert if my speed exceeds limit by** slider. You can set a separate limit for lower and higher speeds.

### Give feedback on Nokia Drive

Tell us your opinion on Nokia Drive, and take part in improving the app.

To give feedback, you need to have an active internet connection.

- 1 Select .
- 2 Select  > **Feedback**.
- 3 Select how likely you are to recommend Nokia Drive to other people. You can also give your reasons.  
The feedback is anonymous.
- 4 Select **SEND**.


After you have sent your feedback for the current version of Nokia Drive, the option is no longer available.



## Office

### Clock

#### Set an alarm

You can use your phone as an alarm clock.


Select  > **Alarms**.

- 1 Select .
- 2 Fill in the fields, and select .

#### Temporarily switch an alarm off

Switch the alarm to Off .

## Delete an alarm

Select the alarm and .

For the alarm to sound, your phone must be switched on, and the phone volume needs to be loud enough.

## Snooze an alarm

Don't want to get up just yet? When an alarm sounds, you can snooze the alarm. This pauses the alarm for a predefined length of time.


When the alarm sounds, select **snooze**.

## Update the time and date automatically




You can set your phone to update the time, date, and time zone automatically.

There are several time services. The availability of Nokia services may vary by region.

- 1 Select  >  and **date+time**.
- 2 Switch **Set automatically** to **On** .


**Tip:** Do you want to update the time, date, and time zone manually when travelling abroad? Make sure **Set automatically** is switched to **Off** , then select **Time zone** and a location.



## Set the time and date

- 1 Select  >  and **date+time**, and switch **Set automatically** to **Off** .
- 2 Edit the time and date.

## Calendar

### Add an appointment

Select  > **Calendar**.


- 1 Swipe to **day** or **agenda**, and select .
- 2 Fill in the fields.
- 3 To add a reminder, select **more details** > **Reminder**.
- 4 Select .

### Edit or delete an appointment

Select and hold the appointment, and select **edit** or **delete**.


### View your schedule

You can browse your calendar events in different views.

Select  > **Calendar**.

To switch between the calendar views, swipe left or right.

### View a whole month


In the **day** or **agenda** view, select . To go to the next or previous month, use a short swiping motion up or down on the calendar. To jump to a specific month, select the month at the top of the screen.

### View a specific day



In the **day** or **agenda** view, select  and the day.

### Use multiple calendars

When you set up mail accounts on your phone, you can see the calendars from all your services in one place.

Select  > **Calendar**.

### Show or hide a calendar

Select **•••** > **settings**, and switch the calendar to **on**  or **off** .




When a calendar is hidden, the calendar events and reminders are not displayed in different calendar views.

**Tip:** You can change the colour for each calendar. Select **•••** > **settings**, and select the current colour and then the new colour.

### Add a task to your to-do list

Do you have important tasks to handle at work, library books to return, or maybe an event you want to attend? You can add tasks (to-dos) to your calendar. If you have a particular deadline, set a reminder.

Select  > **Calendar**, and swipe to **to-do**.

- 1 Select , then fill in the fields.
- 2 To add a reminder, switch **Reminder** to **On** , then fill in the fields.
- 3 Select .

### Mark a task as completed

Select and hold the task, then select **complete**.

### Edit or delete a task

Select and hold the task, then select **edit** or **delete**.

## Microsoft Office Mobile

### About Microsoft Office Mobile

Select  > **Office**.


Microsoft Office Mobile is your office away from the office. Go to the **Office** hub to create and edit Word documents and Excel workbooks, open and view PowerPoint slide shows, create notes with OneNote, and share documents with SharePoint. You can also save your documents to Windows SkyDrive.

Microsoft Office Mobile consists of the following:

- Microsoft Word Mobile
- Microsoft Excel Mobile
- Microsoft PowerPoint Mobile
- Microsoft OneNote Mobile
- Microsoft SharePoint Workspace Mobile
- Windows SkyDrive

### Read Microsoft Office documents


In the Office hub, you can view Microsoft Office documents, such as Word documents, Excel workbooks, or PowerPoint presentations.

Select  > **Office**.

- 1 Swipe to **documents**.
- 2 Select a Word, Excel, or PowerPoint file.

### Create and edit a Word document

Polish your documents on the road with Microsoft Word Mobile. You can create new documents, edit existing ones, and share your work on a SharePoint site.


Select  > **Office**, and swipe to **documents**.

### Create a new document



- 1 Select .
- 2 Select a blank Word file or a template.

- 3 Write your text.
- 4 To save your document, select **••• > save**.

### Edit a document

- 1 Select the Word file.
- 2 To edit the text, select .
- 3 To save your document, select **••• > save**.


### Change the text format and colour

- 1 Select .
- 2 Select a word. To select several words, drag the arrows at each end to expand the selection.
- 3 Select  and the formatting you want to use.

### Add a comment

Select  > .

### Search for text in a document

Select the Word file and .

### Send a document in a mail

Select the Word file and **••• > share...**


### Delete a document

- 1 Swipe to **locations**.
- 2 Select the location of the document you want to delete.
- 3 Select and hold the document, then select **delete**.

**Tip:** To access an important document quickly, you can pin it to the start screen. In the Office hub, select and hold the document, and select **pin to start**.

### Create and edit an Excel workbook

No need to travel to the office to check the latest figures. With Microsoft Excel Mobile, you can create new workbooks, edit existing ones, and share your work on a SharePoint site.


Select  > **Office**, and swipe to **documents**.

### Create a new workbook

- 1 Select .

- 2 Select a blank Excel file or a template.
- 3 Select a cell, then select the text box at the top of the page.
- 4 Enter values or text.
- 5 To save your workbook, select **••• > save**.

### **Edit a workbook**

- 1 Select the Excel file.
- 2 To move to another worksheet, select  and a worksheet.
- 3 To save your workbook, select **••• > save**.

### **Add a comment to a cell**

Select .

### **Apply a filter to cells**

Select **••• > apply filter**.

### **Change the cell and text format**

Select **••• > format cell....**

### **Find data from a workbook**

Select the Excel file and .

### **Send a workbook in a mail**

Select the Excel file and **••• > share....**


### **Delete a workbook**

- 1 Swipe to **locations**.
- 2 Select the location of the Excel file you want to delete.
- 3 Select and hold the Excel file, then select **delete**.



### **Write a note**

Notes on paper are easy to lose. Instead of jotting them down on paper, you can write your notes with Microsoft OneNote Mobile. This way, you always have your notes with you.

You can also sync your notes to Windows Live SkyDrive and view and edit them with OneNote on your phone, on your computer, or online in a web browser.


Select  **> Office**, and swipe to **notes**.

- 1 Select .

- 2 Write your note.
- 3 To format the text, select **•••** > **format**.
- 4 To add a picture, select .
- 5 To record a sound clip, select .
- 6 To save the changes, press **←**.

If you have a Windows Live ID set up on your phone, your changes will be saved and synced to your default **Personal (Web)** notebook on Windows Live SkyDrive. Otherwise, your changes will be saved on your phone.


### Send a note in a mail




Select the note and .

**Tip:** To access an important note quickly, you can pin it to the start screen. In the **Office** hub, select and hold the note, and select **pin to start**.

### View and edit a PowerPoint presentation

Add the finishing touches to your presentation en route to your meeting, with Microsoft PowerPoint Mobile.

Select  > **Office**, and swipe to **documents**.

- 1 Select a PowerPoint file, and turn your phone to landscape mode.
- 2 To browse between slides, swipe left or right.
- 3 To go to a specific slide, select  and the name of the slide.
- 4 To add a note to a slide, select .
- 5 To edit a slide, select .
- 6 To save your presentation, select **•••** > **save**.

### Send a presentation in a mail

Select the PowerPoint file and **•••** > **share....**

### Delete a presentation

- 1 Swipe to **locations**.
- 2 Select the location of the PowerPoint file you want to delete.
- 3 Select and hold the PowerPoint file, then select **delete**.

### Watch a PowerPoint broadcast


You can attend a meeting on the go and watch a PowerPoint presentation broadcast over the internet on your phone.





Open the mail containing the link to the broadcast presentation, and select the link.

### Share documents with SharePoint Workspace Mobile

Work on shared Microsoft Office documents, and collaborate on projects, schedules, and ideas. With Microsoft SharePoint Workspace Mobile, you can browse, send, edit, and synchronise your documents online.

Select  > **Office**, and swipe to **locations**.


- 1 Select **SharePoint**, enter the web address for a SharePoint site, and select .
- 2 When you select a document, a copy is downloaded to your phone.
- 3 View or edit the document, and save your changes.
- 4 To return to SharePoint Workspace Mobile, press .

**Tip:** To keep an offline copy of a document on your phone, select and hold the document, and select **always stay offline**.


### Store a file to Windows Live SkyDrive

Store, access, and share your Microsoft Office files on Windows Live SkyDrive. You can upload files saved on your phone to SkyDrive for easy access from both your phone and computer.

To upload files, you need to be signed in to your Windows Live account.

- 1 Select  > **Office**, then swipe to **locations**.
- 2 Select **Phone**.
- 3 Select and hold a file, then select **share**.

### Use the calculator

Select  > **Calculator**.

To use the basic calculator, hold your phone upright. To use the scientific calculator, turn your phone on its side.

- 1 Enter the first number of the calculation.
- 2 Select a function, such as add or subtract.
- 3 Enter the second number of the calculation.
- 4 Select **=**.

This feature is designed for personal use. Accuracy may be limited.

## Connectivity & phone management

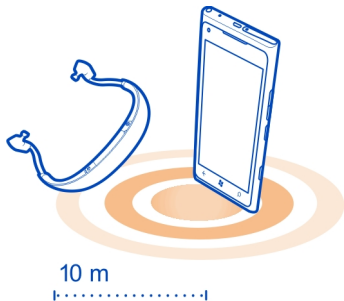
### Bluetooth

#### About Bluetooth

Select  >  and **Bluetooth**.

You can connect wirelessly to other compatible devices, such as phones, computers, headsets, and car kits.

Since devices with Bluetooth wireless technology communicate using radio waves, they do not need to be in direct line-of-sight. However, they must be within 10 metres (33 feet) of each other, although the connection may be subject to interference from obstructions such as walls or from other electronic devices.






Paired devices can connect to your phone when Bluetooth is switched on. Other devices can detect your phone only if the Bluetooth settings view is open.

Do not pair with or accept connection requests from an unknown device. This helps to protect your phone from harmful content.

#### Connect to a wireless headset

With a wireless headset, you can speak on the phone hands free – you can continue what you were doing, such as working at your computer, during a call. Wireless headsets are available separately.

- 1 Select  >  and **Bluetooth**.
- 2 Switch **Searching and discoverable** to **On** .  
Make sure that the accessory you want to pair is on.
- 3 To pair your phone and the headset, select the headset from the list.
- 4 You may need to enter a passcode. For details, see the user guide of the headset.

**Copy a picture or other content between your phone and PC**

You can use the Zune PC app to copy pictures, videos, music, and other content created by you between your phone and a PC.

- 1 Use a compatible USB data cable to connect your phone to a compatible PC.
- 2 On your PC, open Zune. For more information, see the Zune help.

You can download the latest version of Zune from [www.zune.net](http://www.zune.net).

**Keep your phone software and applications up to date****About phone software and app updates**

Stay in step with the beat – update your phone software and apps to get new and enhanced features for your phone. Updating the software may also improve your phone performance.

**Warning:**

If you install a software update, you cannot use the device, even to make emergency calls, until the installation is completed and the device is restarted.

After the update, the instructions in the user guide may no longer be up to date. You may find the updated user guide at [www.nokia.com/support](http://www.nokia.com/support).

**Update your phone software**

Use the Zune PC app to update your phone software for new features and improved performance. When you update your phone software with Zune, your personal content is not deleted from your phone.

You need:

- The Zune app
- A compatible computer
- A high-speed internet connection
- A compatible USB data cable

To download and install Zune to your PC, go to [www.zune.net](http://www.zune.net).

**Tip:** If you're using an Apple Mac, download Windows Phone 7 Connector for Mac from Mac App Store.

Before starting the update, make sure your phone has enough battery power.

- 1 Use the USB data cable to connect your phone to your computer.
- 2 If Zune doesn't open automatically, open it.

- 3 Wait while Zune checks for available updates, and follow the instructions displayed on your computer.

**Tip:** If you receive an error message during the update, make a note of the error code, and search at [support.microsoft.com](http://support.microsoft.com) to see what went wrong.

Your phone is automatically backed up during the software update. You can also sync your phone to your computer with Zune or Windows Phone 7 Connector for Mac without updating your phone software.

### Set your phone to notify you about available updates

Select  >  and **phone update** > **Notify me when new updates are found**.

### Back up, sync, and restore your phone

Your phone is automatically backed up during the software update, when you update the phone using the primary computer (the computer you first connected your phone to with the USB cable). If you use a different computer to update your phone software, no backup is created. You can change your primary computer in the Zune settings.

The backup includes the following:

- System settings
- Account settings
- Pictures
- Music
- Videos
- Documents

Your downloaded apps may not be included in the backup, but you can re-download them from the Marketplace, free of charge. Data transmission costs may apply. For more info, contact your network service provider.

To back up your content, you can also sync your phone to your computer with Zune or Windows Phone 7 Connector for Mac without updating your phone software. Syncing does not back up your system settings or your apps. You can also set your phone to sync your contacts through Microsoft Outlook, so you can restore them to your phone from your computer.

### Restore a backup to your phone

Use a USB cable to connect your phone to your primary computer, then use Zune to restore your backed up content and the earlier version of your phone software.

## Free up phone memory


Do you need to increase the available phone memory, so you can install more apps or add more content?

You can delete the following if no longer needed:

- Text, multimedia, and mail messages
- Contact entries and details
- Apps
- Music, photos, or videos

## Remove an application from your phone

You can remove installed applications that you no longer want to keep or use, to increase the amount of available memory.

- 1 On the start screen, select .
- 2 Select and hold the application to remove, and select **uninstall**. You may not be able to remove some applications.



If you remove an application, you can reinstall it without purchasing it again, as long as it is available in Marketplace.

If an installed application depends on a removed application, the installed application may stop working. For details, see the user documentation of the installed application.

## Security

### Change your PIN code




If your SIM card came with a default PIN code, you can change it to something more secure.

Select  > , swipe left to application settings, then select **phone** > **change SIM PIN**.

The PIN code can be 4-8 digits.

### Set your phone to lock automatically

Want to protect your phone against unauthorised use? Define a security code, and set your phone to lock itself automatically when you're not using it.

- 1 Select  >  and **lock+wallpaper**.
- 2 Switch **password** to **On** , and enter a security code (at least 4 digits).  
Keep the security code secret and in a safe place separate from your phone. If you forget the security code, and cannot recover it, or you enter the wrong code too

many times, your phone will require service. Additional charges may apply, and all the personal data in your phone may be deleted. For more information, contact a Nokia Care point or your phone dealer.

- 3 Select **Require a password after**, and define the length of time after which the phone is locked automatically.

### Unlock your phone

- 1 Press the power key, and drag the lock screen up.
- 2 Enter the security code.

### Use your phone when it's locked




You can use certain features of your phone when it is locked, without having to enter the security code.

You can, for example:

- Change how your phone notifies you about incoming calls
- Answer or reject an incoming call
- Pause or resume playing music, or skip to another song

To wake up your phone, press the power key.

### Change how incoming calls are notified

Press a volume key, and select , , or .

### Pause or resume music, or skip to another song

Use the music player controls displayed at the top of the screen.

You can also see:

- The date and time
- Your next calendar event
- Missed calls or messages

### Find your lost phone

Misplaced your phone, or afraid it is stolen? Use Find My Phone to locate your phone, and lock or delete all data from it remotely.

Go to [my.windowsphone.com](http://my.windowsphone.com), sign in with the same Windows Live ID as on your phone, then select Find My Phone.

You can:

- Locate your phone on a map
- Make your phone ring, even if silent mode is switched on
- Lock your phone, and set it to show a message, so it can be returned to you
- Delete all data from your phone remotely

The available options may vary.

## Support

When you want to learn more about how to use your phone, or if you're unsure how your phone should work, read the user guide thoroughly.

For support videos, go to [www.youtube.com/user/NokiaSupportVideos](http://www.youtube.com/user/NokiaSupportVideos) or [go.microsoft.com/fwlink/?LinkId=238503](http://go.microsoft.com/fwlink/?LinkId=238503).

If you have an issue, do the following:

- Reboot your phone. Press and hold the power key for about 10 seconds. The phone switches off. If needed, to switch your phone on again, press and hold the power key.
- Update your phone software
- Restore the original factory settings

If your issue remains unsolved, contact Nokia for repair options. Before sending your phone for repair, always back up your data, as all personal data in your phone may be deleted.

## Nokia original accessories

For availability of approved accessories, check with your dealer.

An extensive range of accessories is available for your device. For more details, see [www.nokia.com.hk/accessories](http://www.nokia.com.hk/accessories).

## Practical rules about accessories

- Keep all accessories out of the reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that accessories installed in a vehicle are mounted and are operating properly.
- Installation of any complex car accessories must be made by qualified personnel only.

### Battery

Type: Bp-6eW

Talk time:

Up to 7 hours (WCDMA) / 7 hours (GSM).

Standby:

Up to 300 hrs (WCDMA) / 300 hrs (GSM).

**Important:** Battery talk and stand-by times are estimates and only possible under optimal network conditions. Actual battery talk and standby times depend on SIM cards, features used, battery age and condition, temperatures to which battery is exposed, network conditions, and many other factors, and may be significantly shorter than those specified above. Ringing tones, hands free call handling, use in digital mode, and other features will also consume the battery, and the amount of time a device is used for calls will affect its stand-by time. Likewise, the amount of time that the device is turned on and in the standby mode will affect its talk time.

## Product and safety information

### Network services and costs

Your device is approved for use on the WCDMA 850, 900, 1900, 2100 and GSM/EDGE 850, 900, 1800, 1900 MHz networks. To use the device, you need a subscription with a service provider.

Using network services and downloading content to your device requires a network connection and may result in data traffic costs. Some product features require support from the network, and you may need to subscribe to them.

### Take care of your device

Handle your device, battery, charger and accessories with care. The following suggestions help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, allow the device to dry.
- Do not use or store the device in dusty or dirty areas. Moving parts and electronic components can be damaged.
- Do not store the device in high temperatures. High temperatures can shorten the life of the device, damage the battery, and warp or melt plastics.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage electronic circuits.
- Do not attempt to open the device other than as instructed in the user guide.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and mechanics.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog moving parts and prevent proper operation.
- Keep your device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important information.



During extended operation, the device may feel warm. In most cases, this is normal. If you suspect the device is not working properly, take it to the nearest authorised service facility.

### **Recycle**

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Check how to recycle your Nokia products at [www.nokia.com/recycling](http://www.nokia.com/recycling).

### **About Digital Rights Management**

When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent you from copying, modifying, or transferring pictures, music, and other content.

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with PlayReady and WMDRM 10. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated licence that defines your rights to use the content.

If your device has WMDRM-protected content, both the licences and the content are lost if the device memory is formatted. You may also lose the licences and the content if the files on your device become corrupted. Losing the licences or the content may limit your ability to use the same content on your device again. For more information, contact your service provider.

### **Batteries and chargers**

#### **Battery and charger information**

Your device has an internal, non-removable, rechargeable battery. Do not attempt to remove the battery, as you may damage the device. To replace the battery, take the device to the nearest authorised service facility.

This device is intended for use when supplied with power from the following chargers: AC-16. The exact Nokia charger model number may vary depending on the plug type, identified by E, X, AR, U, A, C, K, B, or N. The charger model number can be, for example, AC-16X.

**!** **Important:** Talk and standby times are estimates only. Actual times are affected by, for example, network conditions, device settings, features being used, battery condition, and temperature.

#### **Battery safety**

**!** **Note:** The battery in your device is non-removable, so refer to the battery-related statements as applicable to your device.

When you unplug a charger or an accessory, hold and pull the plug, not the cord.

When your charger is not in use, unplug it from the electrical plug and the device. Do not leave a fully charged battery connected to a charger, as overcharging may shorten the battery's lifetime. If left unused, a fully charged battery will lose its charge over time.

Always keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily.

Accidental short-circuiting can happen when a metallic object touches the metal strips on the battery. Short-circuiting may damage the battery or the connecting object.

Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations. Recycle when possible. Do not dispose as household waste.

## 82 Product and safety information

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Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. If a battery leaks, do not let battery liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, or seek medical help.

Do not modify, remanufacture, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. Batteries may explode if damaged.

Use the battery and charger for their intended purposes only. Improper use, or use of unapproved batteries or incompatible chargers may present a risk of fire, explosion, or other hazard, and may invalidate any approval or warranty. If you believe the battery or charger is damaged, take it to a service centre for inspection before continuing to use it. Never use a damaged battery or charger. Only use the charger indoors.

### Additional safety information

#### Make an emergency call

- 1 Make sure the phone is switched on.
- 2 Check for adequate signal strength. You may also need to do the following:
  - Insert a SIM card.
  - Deactivate call restrictions you have activated for your phone, such as call barring, fixed dialling, or closed user group.
  - Make sure **flight mode** is not switched on.
  - If the phone screen and keys are locked, unlock them.
- 3 Press .
- 4 Select .
- 5 Select .
- 6 Enter the official emergency number for your present location. Emergency call numbers vary by location.
- 7 Select **call**.
- 8 Give the necessary information as accurately as possible. Do not end the call until given permission to do so.

**Important:** Activate both cellular and internet calls, if your phone supports internet calls. The phone may attempt to make emergency calls both through cellular networks and through your internet call service provider. Connections in all conditions cannot be guaranteed. Never rely solely on any wireless phone for essential communications like medical emergencies.

#### Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

#### Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external radio frequency energy.

#### Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.


## Hearing

### Warning:

When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

Some wireless devices may interfere with some hearing aids.

## Nickel

 **Note:** The surface of this device does not contain nickel in the platings. The surface of this device contains stainless steel.

## Protect your device from harmful content

Your device may be exposed to viruses and other harmful content. Take the following precautions:

- Be cautious when opening messages. They may contain malicious software or otherwise be harmful to your device or computer.
- Be cautious when accepting connectivity requests, browsing the internet, or downloading content. Do not accept Bluetooth connections from sources you do not trust.
- Only install and use services and software from sources that you trust and that offer adequate security and protection.
- Install antivirus and other security software on your device and any connected computer. Only use one antivirus application at a time. Using more may affect performance and operation of the device and/or computer.
- If you access preinstalled bookmarks and links to third party internet sites, take the appropriate precautions. Nokia does not endorse or assume liability for such sites.

## Connectivity security

Nokia understands how important it is that your mobile phone or device operates reliably and that your personal content is saved safely.

Any information from an unknown or unreliable source, for example, via Bluetooth connectivity, multimedia message, or cable, may harm your PC, mobile phone, or device. You may protect your mobile phone or device from damage and keep it secured by following simple measures:

- Always keep Bluetooth connectivity closed unless you want your phone or device to be visible to others, when your phone or device supports Bluetooth.
- Always be alert when receiving information, like Bluetooth file or multimedia message, from an unknown or untrustworthy source.

This is a friendly reminder, the mentioned function may vary from different device model.

## Operating environment

This device meets radio frequency exposure guidelines in the normal use position at the ear or at least 1.5 centimetre (5/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions until the transmission is completed.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

### Vehicles

Radio signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection, electronic antilock braking, electronic speed control, and air bag systems. For more info, check with the manufacturer of your vehicle or its equipment.

Only qualified personnel should install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

### Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere, for example near gas pumps at service stations. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Observe restrictions in fuel service stations, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

### Certification information (SAR)

#### **This mobile device meets guidelines for exposure to radio waves.**

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station.

The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 1.33 W/kg.

Use of device accessories may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at [www.nokia.com](http://www.nokia.com).

### **NOKIA SERVICE TERMS**

#### **Terms of Use**

##### **1. Acceptance**

These Nokia Service Terms together with the Privacy Policy and all other additional terms and information that may be provided within the Service (collectively "Terms") govern your use of the service, site, content and software (collectively the "Service"). By registering for or using the Service or any portion of it you accept the Terms.

The Terms constitute an agreement between you and Nokia Corporation, Keilalahdentie 2-4, 02150 Espoo, Finland including its affiliates and suppliers (collectively "Nokia"), defining your and Nokia's rights and responsibilities with respect to the Service.

##### **2. Eligibility**

To use the Service, you must be at least thirteen (13) years of age. If you are under thirteen (13) years of age, or at least thirteen (13) years of age but a minor where you live, you must have your parent or legal guardian accept your registration on your behalf and approve your use of the Service. Anyone completing the registration must be legally competent.

### **3. Registration and Termination**

To use a Service you may need to register and create a Nokia account with username and a password. You may need to provide us with certain personal and other information. Nokia may verify your email address before account can be used. Upon first use of your device and each time you update the Nokia device software, a text message will be sent to Nokia. The creation of a Nokia Account will require data transmission. Data transmission costs may apply.

You agree to provide truthful and complete information when you register for the Service and to keep that information updated. You must take due care to protect your username and password against misuse by others and promptly notify Nokia about any misuse. You, and your parent or legal guardian if you are a minor, are personally responsible for any use of the Service.

You may terminate your registration if you no longer wish to use the Service. After termination, you will no longer have access to the Service. Nokia may terminate your registration or restrict your access to certain parts of the Service if Nokia reasonably believes that you have breached the Terms or with prior notice if you have not signed into the Service with your username in the past six (6) months.

Except as set forth in the Privacy Policy, Nokia is not responsible for any removal or loss of the information or content you have submitted to the Service. When information or content is removed from the Service by either you or Nokia, traces or copies may still remain elsewhere.

### **4. Licenses**

Nokia grants you a non-exclusive, non-transferable license, revocable at any time at Nokia's sole discretion, to access and use the Service strictly in accordance with the Terms. Use of the Service does not grant you any intellectual property rights in or to any information or content in the Service.

As part of the Service, Nokia may provide you with content developed by Nokia or its licensors ("Content"). Nokia grants you a non-exclusive and perpetual license to use Content for the purpose it is intended, unless otherwise defined in the applicable Terms or the purchase order. Some Content may only be available to residents of certain geographical areas. You are bound by any restrictions applicable to specific Content you obtain through the Service. Any license acquired to third-party Content is a binding agreement between you and the third-party Content provider. You have only the rights to the Content which are expressly granted here.

As part of the Service, Nokia may provide you with certain software developed by Nokia or, its licensors ("Software"). Your use of Software may be subject to separate terms and conditions that you must accept before using the Software. If there are no separate terms and conditions applicable to such Software, the following terms apply: Nokia grants to you a limited, non-exclusive, non-transferable right to install and use the Software on your computer and/or mobile device. You may not copy the Software, except to make a single archival backup copy. You may not distribute, transfer the right to use, modify, translate, reproduce, resell, sublicense, rent, lease, reverse engineer, or otherwise attempt to discover the source code of or make derivative works of the Software. For open source licensed software, applicable open source license terms apply.

The Software maybe subject to export controls under the U.S. Export Administration Regulations and other import or export control regulations. You agree to strictly comply with all applicable import and export regulations and acknowledge that you have the responsibility to obtain licenses to export, re-export, transfer, or import such Software.

You may be able to submit information or content ("Material") to the Service. Nokia does not claim ownership in your Material. Your submission of Material does not transfer ownership of rights of the Material to Nokia. Nokia is only transmitting the Material and is not responsible for editorial control over it. By submitting Material to the Service you grant Nokia a worldwide, non-exclusive, sub-licensable, assignable, fully paid-up, royalty-free, perpetual and irrevocable license to use, copy, publicly perform, display, distribute in any media and modify the Material to incorporate the Material into other works, and to grant similar sublicenses to the extent necessary for Nokia to provide the Service. You may be able to adjust this grant in the privacy and other settings of the Service.

You are solely responsible for taking backup copies of the data you store on the Service, including Content you upload. If the Service is discontinued or canceled, Nokia may permanently delete your data. Nokia has no obligation to return data to you after the Service is discontinued or canceled.

### 5. Using the Service

You agree to:

- Comply with applicable laws, the Terms and good manners;
- Use the Service only for your personal, non-commercial purposes;
- Not submit unlawful, offensive, inaccurate, misleading, abusive, pornographic, harassing, libelous or otherwise inappropriate Material;
- Obtain any consents, permission or licenses that may be legally required for you to submit any Material;
- Respect the privacy of others;
- Not distribute or post spam, unreasonably large files, chain letters, pyramid schemes, viruses; or
- Not use any other technologies or initiate other activities that may harm the Service, or the interest or property of the Service users.
- Not to use any automated systems or means to access, acquire, copy or monitor any part of the service.
- Be responsible for the consequences related to the Material that you post.

Nokia may but has no obligation to:

- Monitor or moderate any Content or Material;
- Remove any Material from the Service; and
- Restrict access to any part of the Service at any time in its sole discretion.

### 6. Content

Before downloading or accessing any Content, please check whether the Content which you wish to access is restricted by age or marked as potentially 'offensive' or 'explicit'. Nokia shall not be responsible for any claims or offense caused or suffered by you accessing such Content.

You agree:

- To use the Content only for your personal, non-commercial purposes;
- To use the Content in accordance with the restrictions set out in the applicable laws, additional terms, guidelines and policies or on the product pages that apply to that particular piece of the Content;
- Not to make copies, give, sell, resell, loan, rent, offer, broadcast, send, distribute, transfer, communicate to the public, reproduce, modify, display, perform, commercially exploit or make the Content available unless otherwise authorized in the applicable Terms and to advise Nokia promptly of any such unauthorized use;
- Not to remove, circumvent, reverse engineer, decrypt, or otherwise alter or interfere with any applicable usage rules or attempt to circumvent digital rights management or copy protection features associated with the Content or any other technologies used to control the access to or use of the Content or its identifying information;
- Not to use any automated systems or means, except for those provided by us, for the selection or downloading of the Content;
- Not to give out your password or otherwise allow other people to access the Content. The restrictions on copying that apply to applicable media also apply to the Content accessed as part of this Service.

The Content is owned and/or controlled by Nokia and/or its respective licensors and is protected by intellectual property laws. The third party Content provider is solely responsible for any Content it provides, any warranties to the extent that such warranties have not been disclaimed and for any claims you may have relating to that Content or your use of that Content. However, Nokia may enforce the third party Content license terms against you as a third party beneficiary of those terms. The third party Content providers are third-party beneficiaries under these Terms and may enforce the provisions that directly concern the Content in which they have rights. Nokia may be acting as an agent for third party Content provider in providing the Content to you. Nokia is not a party to the transaction between you and the third party Content provider for such Content.

## **7. Allegations of Copyright Infringement**

You may notify Nokia of copyright infringement on the Service by providing notice (a) by email with "Copyright Notification" in the subject line to [copyright.notices@nokia.com](mailto:copyright.notices@nokia.com), (b) by a document titled "Copyright Notification" mailed to Nokia, Attn: Copyright Agent, 102 Corporate Park Drive, White Plains, NY 10604, USA or (c) via the online form, if available. Your notice must:

1. identify the original copyrighted work you claim is infringed;
2. identify the content on the Service that you claim is infringing the copyrighted work. Please provide enough detail for Nokia to locate the allegedly infringing content on the Service;
3. provide your contact information, including your full name, mailing address, telephone number, and email address, if available;
4. provide a statement that you have a good faith belief that the use of the content in the manner complained of is not authorized by the copyright owner, its agent, or the law;
5. provide this statement: "I swear, under penalty of perjury, that the information in this notification and complaint is accurate and that I am the copyright owner, or am authorized to act on behalf of the copyright owner of an exclusive right that is infringed."; and
6. provide your signature, as applicable.

## **8. Notices**

Nokia may post notices within the Service. Nokia may also send you notices about products and Services to the email address or telephone number you have provided to us. You are deemed to have received such notices at the latest within seven (7) days from Nokia sending or posting those. Your continued use of the Services constitutes your receipt of all notices regardless of delivery method.

## **9. Fees**

Your use of the Service may be or may become subject to charges.

Any fees charged by Nokia will be announced separately in connection with the Service.

Use of the Service may involve transmission of data through your service provider's network. Prices listed within the Service do not include possible data transmission, text message, voice or other service provision charges by your network service provider.

Nokia assumes no responsibility for the payment of any charges of your service providers.

## **10. Order and Payment Terms**

"Order" shall mean the selection of payable Content and/or subscription to Content offered by Nokia and available in the Service and submission of payment method, as well as submitting the order by selecting the "buy", "ok", "I accept" or other similar confirmation of acceptance in the order flow or providing other indication of acceptance terms that are presented to you in the order flow.

To place an Order within the Service, you must have reached the age of legal competence according to the applicable legislation. If you have not reached the age of legal competence, you may place Orders only with the prior consent of your parent or legal guardian.

You agree that all Orders shall be legally valid and binding. All Orders are subject to acceptance by Nokia.

You may pay by credit or debit card, network service provider billing, or other payment methods if available.

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Your credit or debit card must have a billing address in the country where the Content is offered by the Service. Nokia will charge your credit card or debit your bank account within a reasonable time after you have made your Order. All credit card payments are subject to validation checks and authorization by the card issuer.

If you choose network service provider billing, charges will appear on your mobile phone bill or be deducted from your prepaid account if it is a prepaid account. Some network service providers may subject your usage of the Service to additional terms and conditions including placing limits on the amount of charges possible with network service provider billing. Charges in excess of network service provider limits or account balance may be rejected.

You agree to pay the charges related to your Order, to ensure that the instrument of payment is valid at the time of the Order, that you are the rightful holder of the instrument and that the instrument is used within its credit limits.

The Content that is delivered is licensed to you. You agree to use such Content solely as permitted in these Terms and in any additional terms that you may be presented in the order flow.

The Service may offer subscriptions. You authorize the Service to place a periodical charge during the period of the subscription. The Service may also offer a trial period. If your Order involves a trial period (also known as try-and-buy), you may be charged when the trial period expires, unless you cancel in accordance with the subscription/trial terms.

The prices in the Service may change from time to time. Prices include applicable taxes in effect at the time of your transaction, unless otherwise stated. There may be instances where you incur additional charges from your bank or credit card provider based on currency conversion rates used and/or additional fees assessed. Nokia assumes no responsibility for the payment of bank or any other third party service fees or charges.

### 11. Cancellations and Refunds

You agree to the electronic delivery of Content being initiated concurrently with the placement of your Order. You will not be able to cancel your Order once it has been processed. The nature of the Content is such that it cannot be returned.

In the event that after your Order you discover and promptly inform Nokia within 48 hours that (a) the Content you have ordered is faulty; (b) the Content Nokia delivers to you does not match the description of the Content you ordered via the Service; or (c) technical problems delayed or prevented delivery of your Content or accidental multiple orders caused by such technical problems, your sole and exclusive remedy with respect to such Content will be either replacement of such Content, or refund of the price paid for such Content, as determined solely by Nokia. Otherwise, no refunds are available. If you encounter any of the above issues, please contact Nokia Customer Support.

Please note that Nokia may not be able to process your customer support request if you are unable to provide your transaction ID, which is provided to you by Nokia following your Order from the Service. Nokia may only process refunds for Content where the total price is above the monetary limit stipulated in applicable local legislation.

### 12. Feedback to Nokia

By submitting any ideas, feedback and/or proposals ("Feedback") to Nokia through the Service or other means, you acknowledge and agree that: (1) Nokia may have similar development ideas to the Feedback; (2) your Feedback does not contain confidential or proprietary information of you or any third party; (3) Nokia is not under any obligation of confidentiality with respect to the Feedback; (4) Nokia may freely use, distribute, exploit and further develop and modify Feedback for any purpose; and (5) you are not entitled to any compensation of any kind from Nokia.

### 13. Social Activities and Location Sharing

You may use features in the Service to share your location, status, content, Materials or personal information or to interact with other users, sites and services. By using these features you agree that Nokia may use and provide that information to other services and persons with whom you choose to interact or share this information. Users of these services and persons, such as your contacts, may see your location, status and/or personal information. In using these features you agree not to share information, Content or Material or to link to any service or site that: (a) contains content or other material that is illegal or



inappropriate; or (b) exploits intellectual property rights without authorization or encourages users to piracy. Any interaction does not involve Nokia and is solely between you and the other user(s).

#### **14. Availability and Technical Requirements**

The availability of Content and the Service may vary and is subject to Nokia's sole discretion. Nokia expressly disclaims any representation or warranty that any particular Content or Service will be available. The Service may not be available in all countries and may be provided only in selected languages. The Service, operations and some features may also be dependent on the network, compatibility of the devices used and the content formats supported.

To access the Service, you may need to download a specific piece of software developed by Nokia or by another party.

Nokia may, in its sole discretion, change, correct or discontinue the Service in whole or in part. The Service may not be available during maintenance breaks and other times. To ensure you have the latest Nokia device software and applications, your device may automatically check for the availability of software updates from Nokia. If any are detected you will be prompted to approve the installation. You may disable automatic checking for updates through settings in your device. You may also install software through available software update channels. If Nokia considers a Software update to be important or critical you may not continue using the previous version of the Software. Nokia may prevent your use of the previous version of the Software or Service until you install the update.

Nokia may disable any Content or Software contained in your Service account for any reason and remove any Content or Software and/or disable copies of any application on your device in order to protect the Service, application providers, wireless carriers over whose network you access the service or any other affected or potentially affected parties.

A particular service may be a pre-release version, for example a beta release, and may not work in the way a final version works. Nokia may significantly change any version of Service or Software or decide not to release a final version.

#### **15. Links to Third Party Sites and Content**

Nokia may include access to sites and services on the Internet or preloaded clients that enable you to interact with sites and services that are owned or operated by third parties and that are not part of the Service. You must review and agree to the terms and conditions of these sites or services before using these sites or services.

Nokia has no control over the third party content, sites or services and assumes no responsibility for services provided or material created or published on these third-party sites or services. A link to a third-party site does not imply that Nokia endorses the site or the products or services referenced in the site.

In addition, you and other users may create content and links to content within the Service that has not otherwise been submitted to the Service. Nokia is not responsible for this type of content or links.

#### **16. Advertisements**

Service may include advertisements. Advertisements may be targeted to the content or information stored on the Service, queries made through the Service, or other information.

#### **17. Personal Data**

The Privacy Policy and any additional privacy information made available to you govern the use of your personal data.

#### **18. Limitation of Liability**

The Service is provided on "AS IS" and "AS AVAILABLE" basis. Nokia does not warrant that the Service will be uninterrupted or error or virus-free. No warranty of any kind, either express or implied, including but not limited to warranties of title, non-infringement, merchantability, or fitness for a particular purpose, is made in relation to the availability, accuracy, reliability, information or content of the Service. You expressly agree and acknowledge that the use of the Service is at your sole risk and that you may be exposed to content from various sources.

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Except for liability for death or personal injury caused by its gross negligence or intentional misconduct, Nokia is not liable for any direct damages caused by your use or inability to use the Service. In no case will Nokia be liable for any indirect, incidental, punitive or consequential damages resulting from your use or inability to use the Service.

### 19. Indemnification

You agree to defend and indemnify Nokia from and against all third party claims and all liabilities, assessments, losses, costs or damages resulting from or arising out of (i) your breach of the Terms, (ii) your infringement or violation of any intellectual property rights, other rights or privacy of a third party, or (iii) misuse of the Service by a third party where the misuse was made possible by your failure to take reasonable measures to protect your username and password against misuse.

### 20. Miscellaneous

#### 20.1 Choice of Law

The Terms are governed by the laws of Finland without regard to its conflicts of law provisions.

#### 20.2 Validity

The Terms neither exclude nor limit any of your mandatory rights in your country of residence that cannot by law be waived. If a provision of the Terms is found to be invalid, the remaining provisions will not be affected and the invalid provision will be replaced with a valid provision that comes closest to the result and purpose of the Terms. In the event one or more provisions of these Terms are not relevant to your use of the Service, it shall not impact the validity or enforceability of any other provision of the Terms or the Terms as a whole. If there is any conflict between these Nokia Service Terms and the Privacy Policy, the provisions of these Nokia Service Terms prevail. The provisions of the Terms that are intended to survive termination of your registration remain valid after termination.

#### 20.3 Changes in Terms

Nokia may modify the Terms at any time without prior notice. If the Terms are changed in a material, adverse way, Nokia will provide a separate notice advising of the change.

You are responsible for regularly reviewing the Terms. Your continued use of the Service constitutes your consent to any changes and modification.

### 21. Intellectual Property

The Service, Content and Software are protected under international copyright laws. Nokia claims copyrights in its Service, Content, and Software to the maximum extent of the law. Subject to the Terms, Nokia retains all right, title and interest in the Service, its Content, the Software and in all other Nokia products, software and other properties provided to you or used by you through the Service.

### 22. Assignment

Nokia may assign its rights and obligations under these Terms to its corporate parent, its subsidiaries, or to any company under common control with Nokia. Additionally, Nokia may assign its rights and obligations under these Terms to a third party in connection with a merger, acquisition, sale of assets, by operation of law or otherwise.

### WE CARE ABOUT YOUR PRIVACY

Nokia is committed to protecting your privacy and to complying with applicable data protection and privacy laws. This Privacy Policy ("Policy") explains how we process personal data. Throughout this Policy the term "personal data" means information relating to an identified or identifiable individual (i.e. a natural person). "Nokia" refers to Nokia Corporation, including its affiliates (also referred to as "we", "us", or "our"). This Policy applies for processing of your personal data where Nokia is the data controller or where we refer to the applicability of this Policy.

We may provide additional privacy information in connection with our products and services through service descriptions and other notices. Such information prevails over this Policy to the extent of any conflict.

Third party services installed on your device may allow access to information available on your device. Our products or services may contain links to other companies' websites and services that have privacy policies of their own. We recommend that you read the privacy policies of such third party services. Nokia is not responsible for the privacy practices or contents of any such third party services.

**By using this website and/or by submitting personal data to Nokia, you agree to the processing of your personal data as explained in this Policy. If you do not agree with this Policy, please do not use this website or provide Nokia with your personal data.**

### What Data Do We Collect?

We collect your personal data typically when you make a purchase, use or register into our products and services, take part in a campaign or otherwise interact with us. Below are examples of the categories of data we collect.

- **Your use of our products and services** When you use our products and services your IP-address, access times, the website you linked from, pages you visit, the links you use, the content you viewed and other such information your browser provides us with is automatically collected by Nokia. Some of our mobile services may collect your unique mobile device identifiers, subscriber identity information, network service provider specific identifiers, network settings and other such information. When you use our products and services or otherwise interact with us over telecommunications networks, certain additional information, such as your mobile subscription number, may be transmitted to us by your mobile network provider.
- **Information you provide us with** We may ask you to provide us with information such as your name, email address, street address, user names and passwords, your consents, preferences and feedback, information relating to your devices, age, gender, postal code and language preferences. Please note that certain non-identifiable information collected from you may become personally identifiable when you provide us with your personal data. We may also obtain, in accordance with applicable law, some personal data from list-rental companies and other such publicly available sources. Some of our services may allow you to submit information about other people, for example, if you make an order for a product that you wish us to send directly to another recipient.
- **Your transactions with us** We collect information relating to your purchase and use of our products and services and your other interactions with us. Such information may include details of the queries or requests you have made, the products and services provided, delivery details, bank account number, credit card details, billing address, credit checks and other such financial information, details of agreements between you and Nokia, records of contacts and communications, information and details relating to the content you have provided us with and other such transactional information. We may, in accordance with applicable law, record your communication with our customer care or with other such contact points.
- **Location data** Nokia's location based services and features may use satellite, Wi-Fi or other network based location data, for example your IP-address. Assisted positioning methods of the device, for example Assisted GPS, provide you with faster and more accurate location data. Use of assisted positioning methods may involve exchanging your location data, wireless network identifiers along with your unique device or network service provider identifiers with a location server. Nokia processes this information anonymously. Depending on your positioning settings and your use of location services of other service providers your device may connect to other service providers' servers, which are not controlled or operated by Nokia. We recommend you to check the privacy policies of such service providers to understand how they process your location data. You can modify the positioning settings of your device from the device settings, for example change or disable positioning methods or location servers or modify the accuracy of your location data.

Nokia offers various location based services and features that may require the use of your location data. For example when you make a location based search, use location enhanced weather features or request for map data, your location data may be sent to Nokia to serve you with the right content. This may also include location based advertising. Some location based services may allow you to associate your personal data with your location. To learn more about available location based services and features, please refer to instructions and other support material for our products and services.

### Why Do We Process Personal Data?

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Nokia may process your personal data for the following purposes. Please note that one or more purposes may apply simultaneously.

- **Providing products and services** We may use your personal data to provide you with our products and services, to process your order or as otherwise may be necessary to perform the contract between you and Nokia, to ensure the functionality and security of our products and services, to identify you as well as to prevent and investigate fraud and other misuses.
- **Developing products and services** We may use your personal data to develop our products and services. However, for the most part we only use aggregate and statistical information for such purposes. We may combine personal data collected in connection with your use of a particular Nokia product and/or service with other personal data we may hold about you, unless such personal data was collected for a different purpose.
- **Communicating with you** We may use your personal data to communicate with you, for example to send you critical alerts and other such notices relating to our products and/or services and to contact you for consumer care related purposes.

**Marketing and making recommendations** We may use your personal data to personalize our offering and to provide you with more relevant services, for example, to make recommendations and to display customized content and advertising in our services. This may include displaying Nokia and third party content. We may use your personal data for direct marketing or research purposes, for example, to conduct market research and we may, in accordance with applicable law, contact you to inform you of new products, services or promotions we may offer.

### First use of your Nokia device

Depending on your device a Nokia Account may be created for you or you may need to sign in with your existing Nokia Account when you first use your device. In the activation process your user name, email address, mobile number, unique mobile device identifier and subscriber identity information will be sent to Nokia and we may associate this information with your Nokia Account. This combined information may be used to activate your warranty and certain software licenses and to send you personalized messages, for example emails, text and other messages. These messages may include information about Nokia's products and services, such as tips and commercial offers. You may unsubscribe from these messages at any time for example by following the information in the message you receive after taking your device into use, instructions in the device or in the messages, through available profile management tools or contacting Nokia customer care. The collected information may also be used to display personalized content as well as to improve Nokia's products and services. The above information may also apply in case you update the software of your device.

### Do We Share Personal Data?

We do not sell, lease, rent or otherwise disclose your personal data to third parties unless otherwise stated below.

- **Your consent and social sharing services** We may share your personal data if we have your consent to do so. Some services may allow you to share your personal data with other users of the service or with other services and their users. Please consider carefully before disclosing any personal data or other information that might be accessible to other users.
- **Nokia companies and authorized third parties** We may share your personal data with other Nokia companies or authorized third parties who process personal data for Nokia for the purposes described in this Policy. This may include for example billing through your network service provider or otherwise, delivery of your purchases, providing services including customer service, managing and analyzing consumer data, credit checks, conducting market research and managing marketing and other such campaigns. When you purchase a Nokia product from us with a network service provider plan, we may need to exchange information with your network service provider to provide you with such service.

We may conduct joint marketing and other communications with our partners, for example your mobile operator. To avoid duplicate or unnecessary communications and to tailor the message to you we may need to match information that Nokia has collected with information that the partner has collected where this is permitted by law.

These authorized third parties are not permitted to use your personal data for any other purposes. We require them to act consistently with this Policy and to use appropriate security measures to protect your personal data.

- **International transfers of personal data** Our products and services may be provided using resources and servers located in various countries around the world. Therefore your personal data may be transferred across international borders outside the country where you use our services, including to countries outside the European Economic Area (EEA) that do not have laws providing specific protection for personal data or that have different legal rules on data protection, for example, the United States of America. In such cases we take steps to ensure that there is a legal basis for such a transfer and that adequate protection for your personal data is provided as required by applicable law, for example, by using standard agreements approved by relevant authorities (where necessary) and by requiring the use of other appropriate technical and organizational information security measures.
- **Mandatory disclosures** We may be obligated by mandatory law to disclose your personal data to certain authorities or other third parties, for example, to law enforcement agencies in the countries where we or third parties acting on our behalf operate. We may also disclose and otherwise process your personal data in accordance with applicable law to defend Nokia's legitimate interests, for example, in civil or criminal legal proceedings.
- **Mergers and Acquisitions** If we decide to sell, buy, merge or otherwise reorganize our businesses in certain countries, this may involve us disclosing personal data to prospective or actual purchasers and their advisers, or receiving personal data from sellers and their advisers.

### **How Do We Address The Privacy of Children?**

Nokia products and services are typically intended for general audiences. Nokia does not knowingly collect information of children without the consent of their parents or guardians. Nokia publishes safety guidelines for using internet services in our websites.

### **How Do We Address Data Quality?**

We take reasonable steps to keep the personal data we possess accurate and to delete incorrect or un-necessary personal data.

As certain Nokia products and services may allow you to manage your profile, we encourage you to access your personal data from time to time to ensure that it is correct. Please remember that in case of any changes it is your responsibility to update the personal data you have provided us with.

### **What Steps Are Taken To Safeguard Personal Data?**

Privacy and security are key considerations in the creation and delivery of our products and services. We have assigned specific responsibilities to address privacy and security related matters. We enforce our internal policies and guidelines through an appropriate selection of activities, including proactive and reactive risk management, security engineering, training and assessments. We take appropriate steps to address online security, physical security, risk of data loss and other such risks taking into consideration the risk represented by the processing and the nature of the data being protected. Also, we limit access to our data bases containing personal data to authorized persons having a justified need to access such information.

### **How Do We Use Cookies and Web Beacons?**

Cookies are small text files that are sent to your computer by a web server. We use cookies to provide benefits to you. Session cookies remember the previous activity performed by you, for example an item you placed in a shopping cart. Persistent cookies are used to save your preferences over multiple sessions, for example personalization of settings on our websites. Cookies may be used to display targeted ads and recommendations, for example to eliminate showing the same ads to you multiple times or showing ads that we think are of interest to you based on your past actions on our website. Cookies are also used to determine the effectiveness of our promotions and advertising campaigns and to improve our products and services.

Nokia may use web beacons (or "pixel tags") in connection with some of our websites. However, we do not use them to identify individual users personally. Web beacons are typically graphic images that are placed on a website and they are used to count visitors to a website and/or to access certain cookies. This information is used to improve our services. Web beacons do not typically collect any other information than what your browser provides us with as a standard part of any internet communication. If you turn off cookies, the web beacon will no longer be able to track your specific activity. The web beacon may, however, continue to collect information about visits from your IP-address.

Some Nokia websites or applications may utilize so called locally stored objects, such as Flash local shared objects ("Flash cookies") or HTML5 Web Storage. Locally stored objects are used for similar purposes as cookies but typically may contain a greater amount and different types of data than browser cookies. For example, in Flash you can use the Flash Player Settings Manager to control the storage of local shared objects, including disabling the local shared objects for certain websites only or disabling the storage of local shared objects completely for all websites.

Some Nokia websites use third party advertising technologies, such as DoubleClick, to serve ads. DoubleClick uses a cookie to collect information about your visits to Nokia and third party websites. This information will be used to serve ads on Nokia and third party websites. The collected information will not be directly personally identifiable nor will DoubleClick share the information with third parties. You may choose to disable the DoubleClick cookie at any time by using DoubleClick opt-out cookie. You may also go to <http://networkadvertising.org/> to install an opt-out cookie.

Most browsers allow you to disable or allow the use of cookies. You may also delete the cookies on your computer if your browser so permits. If you disable cookies, you may not be able to use certain parts of our services and you may need to re-install the opt-out cookie.

### **What Are Your Rights?**

You have a right to know what personal data we hold about you. You have a right to have incomplete, incorrect, unnecessary or outdated personal data deleted or updated. You have a right to request that we stop processing your personal data for direct marketing or market research purposes. However, if you opt-out from marketing and other communications from Nokia, we may still send you critical alerts pertaining to our products and services or contact you for these purposes.

You may exercise your rights by contacting us through the contact points referred to below. In some cases, especially if you wish us to delete or stop processing your personal data, this may also mean that we may not be able to continue to provide the services to you. Please note that Nokia may need to identify you and to ask for additional information in order to be able to fulfill your request. Please also note that applicable law may contain restrictions and other provisions that relate to your rights.

We encourage you to use available profile management tools, for example Nokia Account for the above purposes as such tools often provide you with direct access to your personal data and allow you to effectively manage it.

### **Who Is The Controller of Your Personal Data?**

Nokia Corporation of Keilalahdentie 4, 02150 Espoo, Finland is the controller of your personal data.

In addition, the Nokia affiliate providing the product or service may be a controller of your personal data. You may find the identity of the controller and its contact details by reviewing the terms and conditions of such a product or service or by using contact information provided in the applicable Nokia websites.

In matters pertaining to Nokia's privacy practices you may also contact us at:

Nokia Corporation

c/o Privacy

Keilalahdentie 4

02150 Espoo, Finland

### **US Safe Harbor Privacy Framework**

Nokia Inc., 102 Corporate Park Drive, White Plains, NY 10604 USA adheres to the EU-US/Swiss-US Safe Harbor Privacy Principles of Notice, Choice, Onward Transfer, Security, Data Integrity, Access and Enforcement, and is registered with the U.S. Department of Commerce's Safe Harbor Program. If you have questions or concerns about Nokia's participation in the Safe Harbor Framework, please contact:

Nokia Inc.,  
102 Corporate Park Drive,  
White Plains, NY 10604 USA.

Attention: Legal Director, North America.

If you believe Nokia Inc. has not satisfactorily addressed your data privacy concerns, you may contact the EU Data Protection Panel at: Data Protection Panel Secretariat, Rue de Luxembourg 46 (01/126) B-1000 Brussels, BELGIUM, or by visiting <http://circa.europa.eu/Public/irc/secureida/safeharbor/home>.

### Changes to This Privacy Policy

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CE 0168

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