

GUIDE TO USING THE NOKIA N95 AND MOBILE WEB SERVER

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OVERVIEW

You will be taking photographs of your meals and blogging about your eating experience through the use of an **N95 Smartphone**, which will serve as your camera and connection to the internet. Through use of a secure connection from phone to internet browser called a **mobile web server** you will be able to instantly see the content of your phone in a web browser, and then talk about different eating experiences, or even see photographs on a map.

Seeing your phone's content in the browser requires that you are logged into the mobile web server on the *phone*, and authenticated in the browser on your computer. This means that all of your content is private and not accessible in any way to the public.

ABOUT THE PHONE

WHAT SOFTWARE DO I NEED ON MY COMPUTER?

PC SOFTWARE

It is recommended that you download Nokia PC Suite for connecting your phone to your computer and transferring data, and Nokia Ovi Suite for easy manipulation of different types of media on your phone. You can find the download links here:

Nokia PC Suite: <http://europe.nokia.com/get-support-and-software/download-software/nokia-pc-suite>

Nokia Ovi Suite: <http://europe.nokia.com/get-support-and-software/download-software/nokia-ovi-suite>

MAC SOFTWARE

If you have a mac, you will need to download iSync (the equivalent of PC Suite) and Nokia Multimedia Transfer (like Ovi Suite). You can find the download portal here:

Mac Support: <http://europe.nokia.com/get-support-and-software/download-software/mac-support>

WHAT CONNECTS A DEVICE TO A PHONE NUMBER AND NETWORK PROVIDER?

The "brain" of your phone is located in a small piece of plastic called a "SIM" card. The SIM card is associated with your phone number and service provider, such as T-Mobile, AT&T, etc.

Your N95 has been "unlocked," which means that if you have a current phone with a provider that supports using the N95, you should be able to remove the SIM card from your phone and put it in the N95. When you do this, all phone calls to your current number will come to the N95.

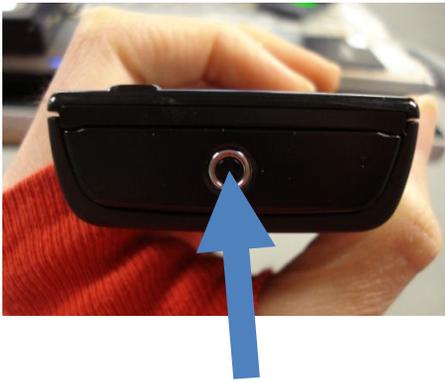
WHAT NETWORK PROVIDERS SUPPORT THE N95?

If you currently use AT&T and have an unlimited data plan you should be able to use your current number on the N95

****caution!! The use of the internet and GPS on the N95 requires a data connection. If your plan does not include an unlimited data connection (if you are limited to a certain amount of data) your quota will be eaten up very quickly. It is not advisable to use the N95 without a plan that includes an unlimited data connection.****

HOW DO I TURN MY PHONE ON AND OFF?

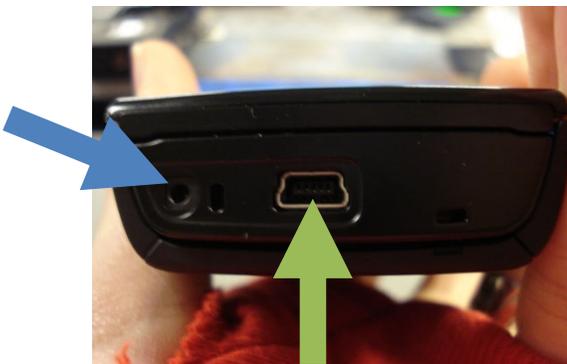
The power button is difficult to find the first time you use an N95 Smartphone. It is a small, round button located at the top of the phone.



⦿ Press this button until you hear the phone beep, or the screen light up, to turn it on.

HOW DO I CHARGE MY PHONE?

Locate the wall charger in your N95 box, which should look like standard wall outlet attached to a thin black cord.



⦿ Plug the thin metal tip into the bottom of the phone, in the small round hole on the far left side.

⦿ The larger, couch-shaped slot to the right of this hole fits the small black cord in your case that connects your phone to your computer's USB. This is how you "direct connect" your phone to your computer! You could use this connection to upload pictures or download applications to your phone, if you like.

HOW DO I INSTALL A SIM CARD?

1) First, make sure that the phone is turned off. Look at the back of the phone and find the rectangular, silver button at the top.



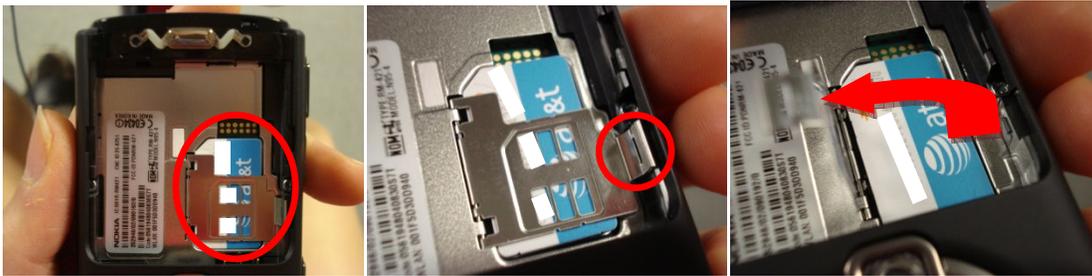
2) While pressing this button down, slide the black panel up to expose the battery.



3) Use the lower left hand corner of the lid or a thin, hard object to remove the battery.

4) Stick the corner of the lid in the opening at the top right of the battery, and while firmly pressing *down* on the battery, pull it out with the lid. If you aren't firmly pressing down on the battery while trying to wedge it out, it will not come out smoothly, and you run the risk of "stripping" the battery, just like you might strip a screw.

5) Once the battery is removed, you will see the SIM card in the lower left, covered by a thin metal piece. This metal piece can be unhooked on the side and flip upwards to expose the SIM card.



If the slot is empty and you are putting a card in the phone: Place the SIM card in the space with the gold, shiny grid, face down, touching the six gold nubs, as shown in this picture.



The shape of the card matches the shape of the slot. If you are having trouble, just make sure that the notch in the upper left hand corner of the card matches the equivalent notch in the slot.

6) Close the metal clip once you have placed the card. The card itself does not click or lock into place. Lowering the metal plate and making sure that it clicks shut holds the card in place.

7) Once the SIM card is securely in place, put the battery back in, and replace the black cover. You can now turn on and use your phone.

COMPLETE ONLINE MANUAL

For a complete review of the Nokia N95 8GB Smartphone, go to:

<http://europe.nokia.com/find-products/devices/nokia-n95-8gb>

RECORDING EXPERIENCE

1) TURN ON THE PHONE

Turn the phone on by holding the small, circular power button on the top of the phone.

2) START THE CAMERA:

1) Click the “camera” button, the top most button on the right side of the keypad. You can also click on the blue ellipse button  on the keypad to go to “Applications” and then “Camera.”



Camera button

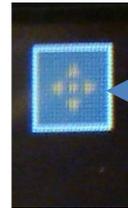
Note: Your phone must be “unlocked” to use the keypad. To unlock it, simply slide the screen up to reveal the numbered buttons.



2) After you press the camera button, the screen should look like the viewfinder on the back of a digital camera, as is shown here.

3) MAKE SURE GPS IS ON:

We want to be able to place our pictures on a map, so it's important that our photos are "geotagged," or embedded with a latitude and longitude so they can be placed on a map. The N95 is a cool phone because it has a built in GPS that can do this, but we have to make sure that it is turned on. Look for the "crosshair" symbol in the upper left of the phone screen.



← Crosshair symbol

If the symbol is green, the GPS is good to go.

If the symbol is orange (as shown above), this means that the phone is searching for satellites, which are required for GPS to work.

**** IMPORTANT NOTE:** the very first time that you use GPS on your phone it could take 10 to 15 minutes to locate satellites. It's best to first do this first time location outdoors, if at all possible

If you do not see any symbol, this means that GPS is not turned on. Press the blue ellipse button  to navigate your phone's content, and then click on "Applications" and then "Location Tagger," the application that works to geotag your photos. Click on "settings" in the lower left, and make sure the application is running.

4) TAKE A PICTURE:

1) When you are sure that the GPS is running, press the silver button with a camera on it  on the right side of the phone to take a picture.



2) Be sure to hold down the camera button and to keep the camera still until you hear the shutter sound.

3) The phone should tell you that "'photo_name' has successfully been tagged" if the geotagging worked.

THE MOBILE WEB SERVER

SETTING UP THE MOBILE WEB SERVER

Each N95 phone has its own mobile web server, which is associated with your phone number and an account that you create. First, let's create an account:

1) Navigate to <http://www.mymobilesite.net>.

The screenshot shows the homepage of the Mobile Web Server website. The header features the logo and the tagline "Give your mobile phone a web presence". A navigation menu on the left includes links for Home, Register, News, Introduction, Screenshots, Download, Contact, and Community. Below the menu is a search bar and a login section with fields for "mymobilesite.net name:" and "password:", and a "LOGIN" link. The main content area is titled "Mobile Web Server makes your device accessible on the Internet. You can access phone features and data via a browser and share your life through a personalized mobsite. **Just take the following steps:**" and lists four steps:

- 1 Register your device.** Name your device and give it a personal mymobilesite.net address. Includes a "Check availability" button with a "> SEARCH" link.
- 2 Install Mobile Web Server to your Nokia S60 device.** Download link is made available upon registration for a quick and easy installation. Includes a "DOWNLOAD" button.
- 3 Access your mobile device using a PC and a web browser.** Browse contacts, add calendar entries, and send or receive SMS messages.
- 4 Create your web content using the blog feature.** Host a blog in your phone to exchange views and experiences. Includes a "BLOG" button.

The steps are laid out on the screen. We will need to

- 1) register the N95 with a name and phone number
- 2) Install the software to the phone (if you don't have it, look for  under Applications
- 3) Access the device by logging into your phone and a web browser.

1) REGISTER THE N95 WITH A NAME AND PHONE NUMBER

1) Enter a desired name for your device in the orange box next to step 1, and press "search." This will be your login name and make up the web address (URL) of your mobile web server (it will be "**yournamehere**.mymobilesite.net")

This screenshot is identical to the previous one, but with a large blue arrow pointing to the "Check availability" button in the first step of the registration process.

2) When you have come up with a name that is available, fill in the registration information, shown below.

Mobile Web Server
Beta

Give your mobile phone a web presence

> Home
> Register
> News
> Introduction
> Screenshots
> Download
> Contact
> Community

Search name
[input] [button]

mymobilesite.net name:
[input]

password:
[input]

> LOGIN

Required fields are marked with an asterisk (*)

Name: * mymobilesite.net name is the address of your personal web server on the Internet. After registration, you cannot change your mymobilesite.net name. Only lower case letters a-z, numbers and dash are acceptable characters in the mymobilesite.net name.
[input] mymobilesite.net

E-mail: * [input]

E-mail (again): * [input]

Password: * At least 8 upper and lower case letters
[input]

Password (again): * [input]

First name: * [input]

Last name: [input]

Street address: [input]

3) You don't have to "Allow public listing" of your mobile site, but you should keep the "Enable Content and Status RSS Feeds" box checked.

- Enable Content and Status RSS feeds
- Allow public listing of My Mobile Site
- Allow email messages from mymobilesite.net offline page
- I do NOT want to receive service-related informational emails
- I accept Service terms (link opens in a new window)
- I accept Software agreement (link opens in a new window)

Please enter the characters shown in the image below



You probably don't want to receive service-related information emails, and you must accept both the service terms and software agreement to continue.

If you want users who cannot log in to be able to contact you from your mobile web server address (perhaps they want to register for access to your server) check the box that says "Allow email messages from mymobilesite.net offline page."

2. INSTALL THE SOFTWARE TO THE PHONE

There are a few ways to do this:

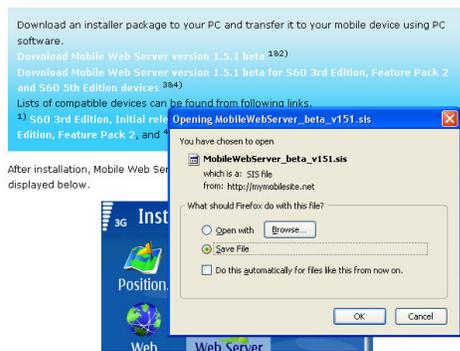
Method 1: When you register and give the website your phone number, you have the option of receiving the download link as a text message (called an SMS). Simply click on the link that comes in the text message and follow the on screen instructions to install the mobile web server on your phone. Remember to install to the phone's memory.

Method 2: You can install the Mobile Web Server on your phone by navigating to <http://download.mymobilesite.net> in your mobile browser. You will be prompted to install the correct version for your phone. It is best to install on the phone's memory as opposed to any "data cards" that your phone might have for the fastest performance.

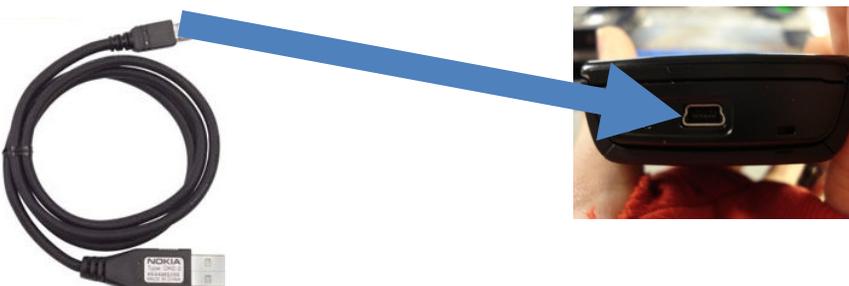
Method 3: You can download the installation file on your computer, and then direct connect your phone to your computer, and use its direct connect software to install the program. For the N95, the file type is called an “.sis” file. You can download this file to your desktop from <http://mymobilesite.net/downloads> (see picture below)



1) When prompted, click on “Save File” and save it to your desktop



2) To install it on your device, locate the USB direct connect cable in your N95 box. Connect the smaller end of this cord to the couch shaped hole on the bottom of the phone (see picture) and the other into your computer’s USB port.



3) You will need to use the “Applications Manager” from Nokia PC Suite to browse for your .sis file and install it on your phone. You can find the Nokia PC Suite here:

<http://europe.nokia.com/get-support-and-software/download-software/nokia-pc-suite>

(See “What software do I need on my computer” in the first section of this guide if you have not installed anything on your computer yet!)

3) ACCESS THE DEVICE BY LOGGING INTO YOUR PHONE AND A WEB BROWSER.

To access your photos and phone content online, you need to log into the mobile web server on the phone and then an internet browser on your computer.

1) Browse to “Applications” and then “Mobile Web Server”



2) Click on “Options” and “Start Server.” When the server is activated, it will say “Running” at the top of the application.

3) Direct your computer browser to [yourusername.mymobilesite.net](#) and enter your user name and password to log in. ****You must log into your phone first to have online access.** When you or any guest logs in online, a message will pop up on your phone alerting you to the user’s log in.

WHAT CAN I DO IN MY COMPUTER’S INTERNET BROWSER?

Once you are logged in, the tabs at the top provide easy navigation around your phone’s content.

Click on **Blog** to write a note in your blog

Click on **camera** to send a request to your phone for a photo (this is most commonly used by guests)

Click on **gallery** to access all of the photos taken on your phone. (shared) written next to an album means that the album is viewable by anyone logged into your server, and you can create an RSS feed to that particular album.

The **guestbook** and is another stop for guests who wish to leave you a note

Contact me allows guests to send you an SMS message to your phone, or an email.

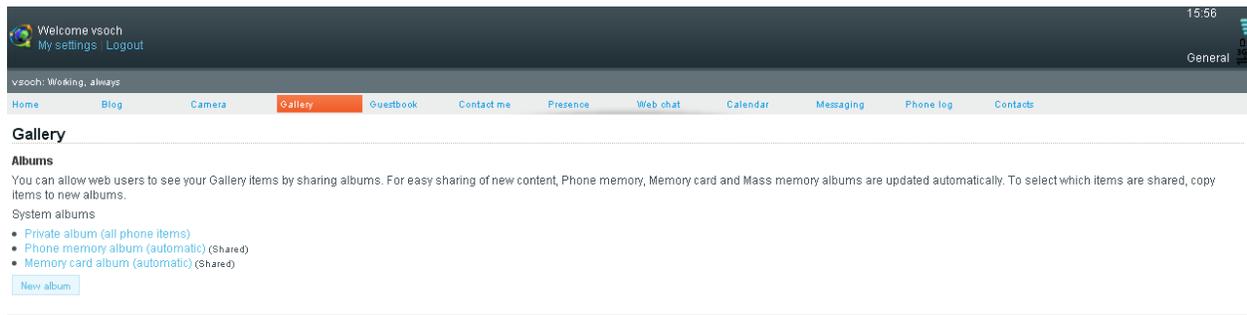
Feel free to explore the other features of the mobile web server, which are basically online links to content on your phone (calendar, contacts, etc.)

For a complete demo of the Mobile Web Server, go to: <http://mymobilesite.net/demo/>

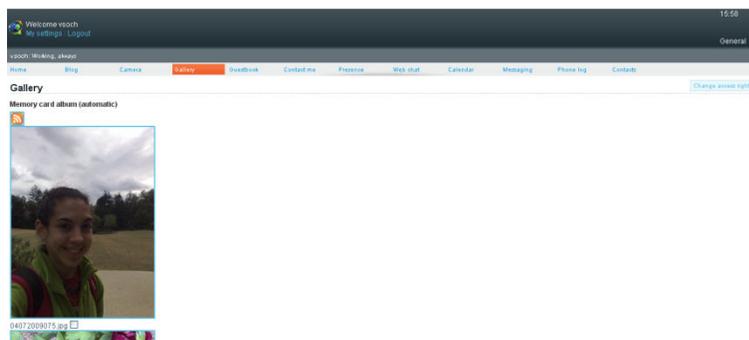
SUBSCRIBING TO YOUR ALBUM'S RSS FEED

It's nice to be able to see your photos when you are logged off of the mobile web server. For this ability, we can subscribe to the RSS feed of a particular album.

1) Log in to the mobile webserver at yourname.mymobilesite.net, and click on the "Gallery" tab



You will see a list of albums. The album's that have (shared) written next to them should be able to be accessed via an RSS feed. Our photos are typically stored on the memory card album, so click the Memory Card album link. You will now see all of your images, an example is below.



The small orange symbol  is the RSS feed.

Click on this symbol to subscribe. *For the feed to successfully work, you must be logged in on your phone and computer.*

Google reader is a popular RSS feed manager, if you have a Google or Gmail account. You can find Reader at <http://reader.google.com>

Here is the RSS feed to our gallery, displayed in Google Reader



PLACING THE IMAGES ON A MAP

These images are geotagged, meaning a latitude and longitude is written into their data, called the EXIF data.

GOOGLE EARTH

To place your images on a map, the easiest way is to import them into Google Earth and save as a KML file. If you put this KML file online, you can copy paste the web address of the file into the search bar at <http://maps.google.com> to see your images on a map. You can then easily embed this map in a page, or save it to MyMaps.

3RD PARTY SOLUTIONS USING SHOZU

A service called *Shozu* is another application that works on the N95 that allows you to direct connect to a Flickr, Picasa, or even a YouTube or Facebook from your phone. Download and register at <http://www.shozu.com>