

EzWAP: Let's go W@P!

Welcome to EzWAP

EZOS provides EzWAP, the first platform-independent WAP browser enabling all kinds of computing systems to access the mobile Internet: mobile devices (Pocket PC, PC companions), embedded systems and PCs running Microsoft Windows 95, 98, NT, 2000, Windows CE. Simply install EzWAP on your system, connect to your Service Provider and experience surfing on WAP sites as you would surf on HTML sites using a standard Web browser.

This document describes how to quickly get started with EzWAP.

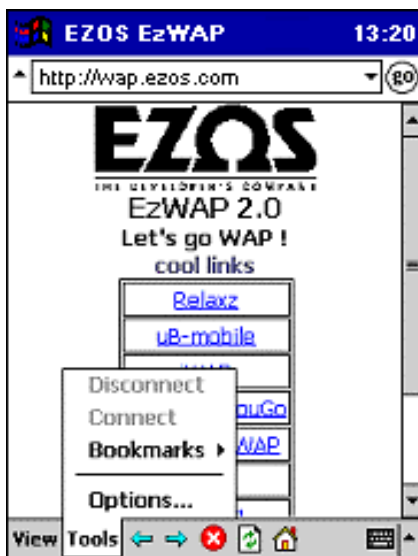
Enjoy WAP surfing anywhere!

Configuring EzWAP

Before using EzWAP for the first time you have to configure your Pocket-PC, Windows CE device, Windows 95/98 or Windows NT/2000 connection settings to enable communication with your provider.

To configure EzWAP

1. In the EzWAP **Tools** menu, select **Options....**

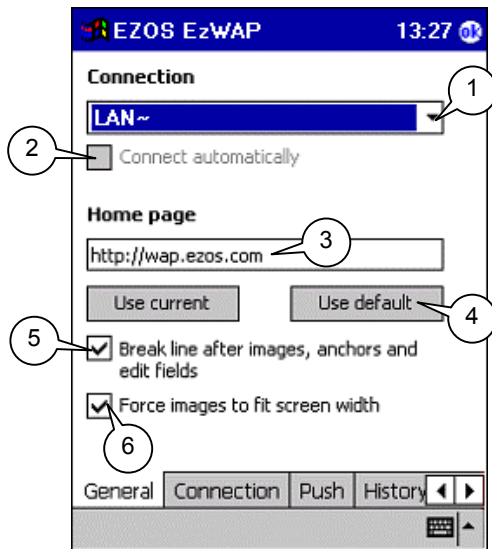


Belgium
Rue de l'Hôpital, 5
B-1420 Braine-l'Alleud
Phone: +32 2 387 20 00
Fax: +32 2 387 20 10

France
Boulevard de Valmy, 1
F-59650 Villeneuve d'Ascq
Phone : + 33 3 20 19 00 60
Fax : + 33 3 20 19 00 69

E-mail: info@ezos.com
Web site: <http://www.ezos.com>

2. Select the **General** tab to edit the general settings.



- Use the **Connection** selection box (1) to select the dial-up connection to be used.
 - Check the **Connect automatically** box (2) if you want EzWAP to automatically activate the selected connection when needed.
 - To change the default WML document that will load automatically as home page, enter a valid URL in the **Home page** box (3).
Or,
Click on the **Use default** button (4) to select the default EzWAP page as standard home page.
 - Check the **Break line after images, anchors and edit fields** box (5) if you want a line feed to be automatically inserted after input fields, anchors and images.
 - Check the **Force images to fit screen width** box (6) if you want images to be automatically adjusted to the size of your screen.
3. Select the **Connection** tab to provide technical details about your WAP connection. Under **Connection type**, select one of the following options:

Proxy

Select this option if your mobile phone network operator does not operate a WAP gateway today (please consult the operator for details) and you want to use your regular Internet Service Provider to access WML-based sites.



Belgium
Rue de l'Hôpital, 5
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- Complete the **Address** box (1) with the IP Address of your service provider, for example: 63.254.8.6.
- Complete the **Port** box (2) with the port number of the proxy, for example: 80.
If applicable, complete the **Authentication user** box (3) with your personal account number and the **Password** box (4) with the corresponding secret code.

Gateway

Select this option if your mobile phone network operates a WAP gateway and you want to benefit from the additional services provided by your operator. Please consult the operator for details.

- Complete the **Address** box (1) with the IP Address for the WAP gateway. This is a sequence of digits comprised of four integers separated by decimal points, for example: 193.96.141.24. This information can be found in the notice included in your operator's welcome pack.
- Complete the **Port** box (2) with the port number used by the WAP gateway, for example: 9200.
- Select the **Connectionless gateway** check box (3) if the gateway works in connectionless mode.



Belgium
Rue de l'Hôpital, 5
B-1420 Braine-l'Alleud
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France
Boulevard de Valmy, 1
F-59650 Villeneuve d'Ascq
Phone : + 33 3 20 19 00 60
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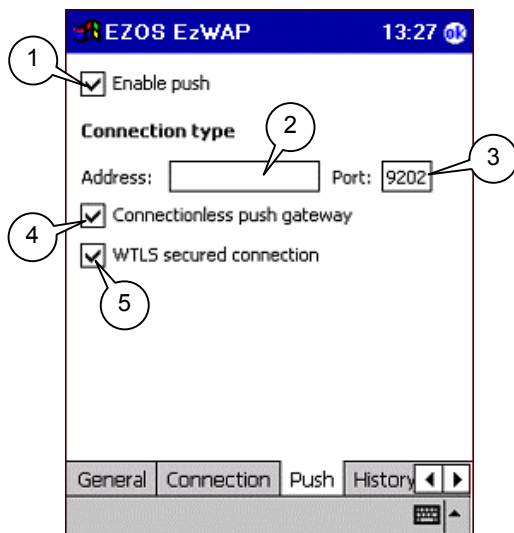
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- Select the **WTLS secured connection** check box (4) if the gateway uses the WTLS technology for enhanced security over the wireless network.

None

Select this option if you do not connect through a proxy or a gateway.

- Under **Timeouts**, specify the **Connection timeout** in milliseconds and the number and timeout of connection **Retries**.
- Select the **Push** tab to edit the push options.



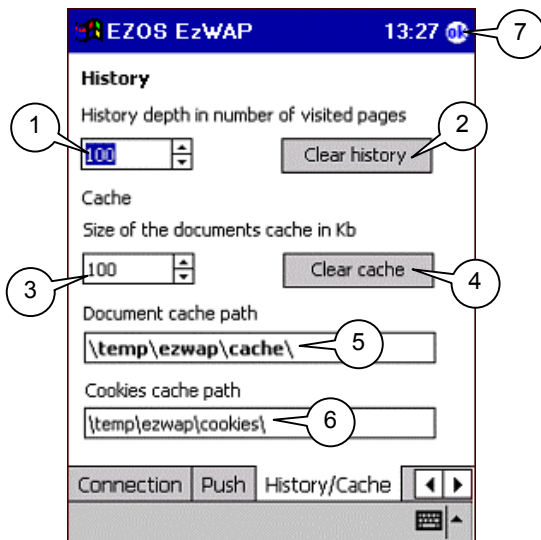
- Select the **Enable push** check box (1) if you want to enable push services, whereby on-the-fly messages such as latest traffic reports, stock quote updates, etc. are automatically delivered to your device. If you do not want to use push services, go directly to step 6.
 - Complete the **Address** box (2) with the IP Address for the push gateway. This is a sequence of digits comprised of four integers separated by decimal points, for example: 193.96.141.24. This information can be found in the notice included in the push operator's welcome pack.
 - Complete the **Port** box with the port number used by the push gateway i.e., 2948 (connectionless push gateway), 2949 (connectionless push gateway with WTLS), 9120 (WTLS) or 9209 (no connectionless push gateway + no WTLS).
 - Select the **Connectionless push gateway** check box (4) if the push gateway works in connectionless mode.
 - Select the **WTLS secured connection** check box (5) if the push gateway uses the WTLS technology for enhanced security over the wireless network.
- Select the **History/Cache** tab to edit the history settings.



Belgium
Rue de l'Hôpital, 5
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- Use the first spin box (1) to specify the number of navigation steps that must be available for the **Forward** and **Backward** options of your EzWAP microbrowser. If you want to reset the history content and start with an empty one, click the **Clear history** button (2).
- Use the second spin box (3) to adjust the cache size (in kilobytes). (In the example above, EzWAP uses 100Kb to avoid systematically reloading data from the network). If you want to reset the cache content and start with an empty one, click the **Clear cache** button (4).
- Complete the **Document cache path** box (5) with the full path of the cache on your WAP device.
- Complete the **Cookies cache path** box (6) with the full path for cookies on your WAP device.

7. Click **OK** (7) to save the new settings.



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WAP Surfing with EzWAP

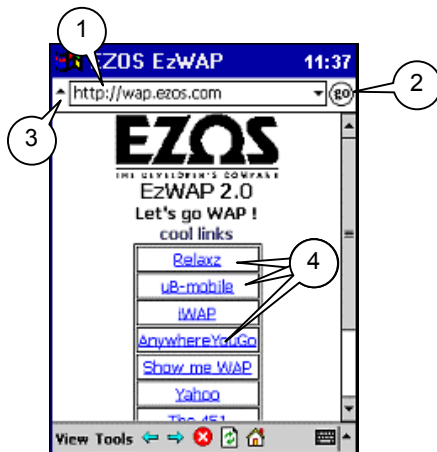
To surf with EzWAP

1. In the location box (1), enter the URL of the WAP site that you want to access.
Or,
To access a local file, replace **http:** by **file:**
For example:
- file:c:\program files\ezos\ezwap\ezos.wmlc
- http://wap.ezos.com
Or,
Click on the location selection box to select a recently visited site.

Note:

If you click on (3), the address in the upper box (1) will be replaced by the corresponding title information.

2. Press **Enter**.
Or,
Click on the **go** button (2) to launch the request.



3. When the WML document is loaded, select the appropriate hyperlinks (4) to browse through the available pages.

To define bookmarks

1. In the location box, enter the URL of the WAP site for which you want to define a bookmark.
2. In the **Tools** menu, select **Bookmarks**.
3. In the **Bookmarks** menu, select **Add...** to open the bookmark definition dialog box.



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4. Type a name for the site in the **Bookmark name** box (1).
5. Click **OK** (2) to save the new bookmark.

(To access the site afterwards, choose the **Tools > Bookmarks > View...** menu sequence, then select the site in the bookmark list and click **OK**.)









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Navigating Through EzWAP

Navigation Buttons

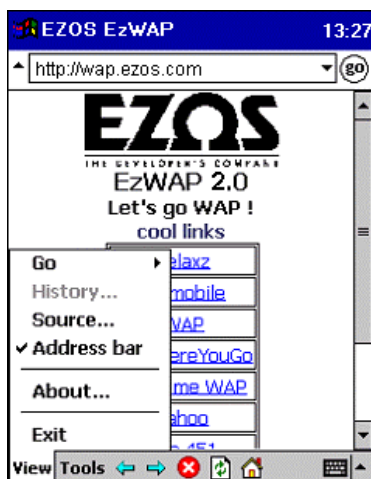
| BUTTON | NAME | MEANING |
|---|---------|---|
|  | stop | abort loading |
|  | reload | reload the current document from network rather than from cache |
|  | home | load the home page specified in the Preferences |
|  | back | go backward into the history |
|  | forward | go forward into the history |
|  | card | display the card contextual popup menu. This menu may be empty or contain site specific actions |

Note:

The **Home**, **Backward**, **Forward**, **Stop** and **Reload** buttons are also available from the **View >Go** menu (see below).

View Menu Options

The **View** menu contains options to view the source of a WML deck and to refresh the view.



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| MENU OPTION | MEANING |
|--------------------|---|
| Go | Display the currently selected page, load the home page specified in the Preferences (Home), the previously accessed page (Backward), the next page in the browse history (Forward), stop loading (Stop) or reload the current document from network rather than from cache (Reload) |
| History... | Display the recent browse history |
| Source... | Display the WML source code of the current deck |
| Address Bar | Show or hide the address bar |
| About | Display information about the current version of EzWAP |
| Exit | Close EzWAP |



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Glossary

Authentication

The verification (check) of the identity of a user. Authentication can be carried out user-oriented (user authentication) or computer-oriented (by the computer address).

Cache

A small fast memory holding recently-accessed information, designed to speed up subsequent access to the same data.

Card

An organisation metaphor used to refer to a block of WML code. A card usually defines a single action or operation that will be available on a small screen. Depending on the application, a number of action cards can be bundled into a deck to offer a more complex resource.

Cookie

A piece of information, such as login or registration information, online "shopping cart" information, user preferences, etc., which is sent by a (WAP) server to a browser. This information may be saved locally on the device for quicker, customised access to visited pages.

Deck

A sequence of WML cards available organised as a single unit for transmission to a WAP device. A deck is similar to an HTML page when thinking in terms of Web pages, in that it is identified by a Web address and is the basic unit of content transmission.

IP address

The unique number that identifies a machine on the Internet. Usually, this address is represented by four numbers joined by periods, like 129.133.10.10. The first two or three pieces represent the network that the system is on, called its subnet. For example, all the computers for Wesleyan University in the U.S.A. are in the subnet 129.133, while the number in the previous paragraph represents a full address to one of the university's computers.

Proxy

A server configured to act as a security barrier between an internal network and the Internet, keeping other people on the Internet from gaining access to confidential information on the internal network or on individual PCs connected to the network.



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Push

A new technology responsible for the proactive delivery of information from a gateway to a WAP device.

Skin

A custom appearance that determines the general layout of a WAP browser.

WAP Gateway

A dedicated two-way device that translates WAP contents and user requests using a common WAP protocol. Similar to a "door" through which data would transit between the Internet and the wireless network.

WML (Wireless Markup Language)

The markup language used to create decks. WML fulfils the same purpose as HTML does on World Wide Web.

WTLS (Wireless Transport Layer Security)

The protocol used to ensure security (data integrity, confidentiality, authentication and non-repudiation) between the wireless device and the WAP gateway/proxy.

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Cool WAP Site Collection

The following collection contains a selection of interesting WAP sites to begin your exploration.

| | |
|-------------|--|
| URL | http://wap.2pl.com/ |
| Language | Language selection |
| Description | Travel guide (hotel, tourism companies, tourist offices, etc.) |

| | |
|-------------|---|
| URL | http://www.palmreach.com/index.wml |
| Language | English |
| Description | Chat room (registration needed) |

| | |
|-------------|---|
| URL | http://wap.djuice.com/ |
| Language | English |
| Description | Portal site (Good site !) |

| | |
|-------------|---|
| URL | http://wapaw.com/index.phtml?format=wml |
| Language | English |
| Description | Search engine (Good site!!!) |

| | |
|-------------|---|
| URL | http://www.waptastic.com/application/wml.asp |
| Language | English |
| Description | Very complete portal site (FAQ, Articles, WML guide, etc.) |

| | |
|-------------|---|
| URL | http://wap.the451.com |
| Language | English |
| Description | News site |

| | |
|-------------|---|
| URL | http://wapmap.com/ |
| Language | English |
| Description | Search engine (Very good site!) |

| | |
|-------------|---|
| URL | http://mobile.worldof.net |
| Language | English |
| Description | Flight information |

| | |
|-------------|---|
| URL | http://showmewap.com |
| Language | English/French |
| Description | Search engine |



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Rue de l'Hôpital, 5
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F-59650 Villeneuve d'Ascq
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Bug Report

Please fill the following form and send it to software@ezos.com.

Thank you for your help!

The EzWAP Development Team.

EzWAP version / build :

OS/Platform :

Problem area : ☐ Com
☐ Navigation
☐ User Interface
☐ Other... Please specify :

Problem type : ☐ Crash
☐ Unable to access a WAP site
☐ Bad data display
☐ Other... Please specify :

Is the problem reproducible? ☐ Yes
☐ No
☐ Don't know

Please provide a detailed description of the specific problem you experienced.
Tell us what you expected to happen and what actually happened.

.....

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.....

.....

Other remarks or suggestions:

.....

.....



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