



WHAT IS THE INTERNET?



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- It is an **INTER**national computer **NET**work made up of thousands of networks linked together. All these computers communicate with one another and exchange data using a common software standard. Through telephone wires and satellite links, Internet users can share information in a variety of forms.

Transmission Control Protocol / Internet Protocol: TCP / IP

- In order to share information, all computers involved need to use the same language or protocol: TCP / IP (Transmission Control Protocol / Internet Protocol)

CONNECTING

- To use the Internet you only need a computer, a modem and the right connection software.
- The **MODEM** allows you to connect your computer to the telephone line and access your Internet Service Provider (**ISP**).

CONNECTING

A modem converts the digital signals stored in the computer into analogue signals that can be transmitted over telephone lines.

It can be **internal**, an expansion card inside the computer, or **external**, connected to the computer through a cable via a USB port.

CONNECTING

- A computer is no longer necessary to use the Internet:
 - 3rd generation mobile phones allow you to use it with wireless connections
 - Web TV allows you to go online using your TV set and a high-speed modem.

CONNECTING THROUGH ADSL

- The **Asymmetric Digital Subscriber Line (ADSL)** is a broadband connection which is replacing the first used **dial-up** telephone connection.
- It provides a faster access to the Internet and allows you to use the same telephone line both for voice and the Internet.

COMPONENTS OF THE INTERNET

- The **WORLD WIDE WEB (WWW)**: it was developed as a method of posting and sharing interactive multimedia information. It is a collection of files containing links to other pages on the Net.

COMPONENTS OF THE INTERNET

- **Electronic mail (Email):** it allows you to exchange messages with friends and colleagues with accounts on the Internet.
- **Internet telephone:** it allows you to make voice calls via the internet.

COMPONENTS OF THE INTERNET

- **Video conference:** it allows you to transmit video and audio signals in real time, so that the participants can exchange information.
- **Mailing lists:** based on programs that send messages to all the e-mail addresses whose owners has subscribed to list.

COMPONENTS OF THE INTERNET

- **Chat:** for real-time communication, usually between two users, via computer. Users enter text by typing it on the keyboard.
- **TELNET:** A protocol that lets you directly access certain computer systems on the Internet, thus allowing you to use online databases or library catalogues.

Name	Click to...	Button
BACK	Go to the last page you visited. You can click the button several times to go back several pages, and you can click the down arrow next to the button and select a page from the drop-down list. The same is true for the forward button.	
FORWARD	Go forward a page. This button is available only if you have clicked "Back" to go back a page.	
STOP	Stop the display of a page. Use this button if the page is taking too long to display or if you change your mind.	
REFRESH	Redisplay the page, refreshing the data on that page.	
HOME	Return to your home page.	

Name	Click to...	
SEARCH	Display the search bar to search for a site.	
FAVOURITE	Display a list of favourite sites.	
MEDIA	Display a media guide with access to music, videos and other media features.	
HISTORY	Display a list of recently visited sites.	
MAIL	Email a page or link to a page	

Name	Click to...	
PRINT	Print the current web page.	
EDIT	Open the page in a web editing programme.	