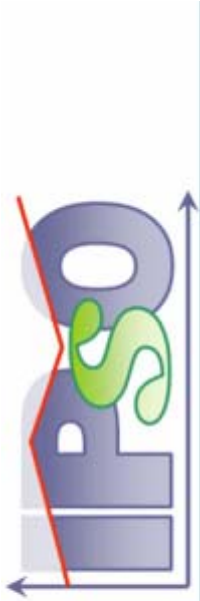


## IPsO - questions and answers



### What is IPsO ?

IPsO (IP skinnable Observer) is a monitor of IP bandwidth.

It means that the program permanently measures the bitrates going through the IP interfaces of your PC. This measurement is done for each direction : download and upload.

IPsO measures the real traffic. In the absence of IP traffic, counters remain to zero.

### Which are the indications provided by IPsO ?

IPsO indicates (for download and upload) :

- instantaneous rates, in kbit/s or kbyte/s, calculated each second
- total volume of transferred data, in Mbyte
- average transfer speed, in kbit/s.

The total volume and the average speed are given "since the starting up of the program" or the last reset of these counters.

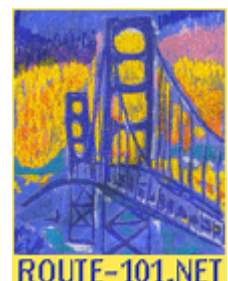
### Which are the interfaces IPsO can control ?

IPsO carries out its measurements on all IP interfaces of your PC : Ethernet, ADSL modem connected on USB, WiFi card, etc. It is possible to select a specific interface and to carry out measurements only on this interface.

If you wish to measure the traffic on 2 distinct interfaces independently (i.e. to obtain measurements for each interface without cumulating them) it is necessary to install 2 copies of the program and run them in parallel.

### What shows the graph of the main window ?

The graph of the main window (the one that can change appearance) shows the instantaneous rates observed over the last past minute or the last past hour. You can choose to represent the download or upload traffic.



## What shows the graph of the detailed window ?

The graph of the detailed window shows the instantaneous rates observed over the 10 last minutes or the 10 last hours.

IPsO systematically records on the hard disk drive, for each session, the following information :

- total volume of data transferred during the session
- average transfer speed during the session.

The statistical module makes it possible to process all these data and provides a day by day or month by month analysis.

Thanks to the day by day analysis, you obtain those statistics over a 2 months period :

- total volume transferred during the selected 2 months
- total volume transferred during each day
- average transferred volume per day
- average transfer speed during the period
- average transfer speed for each day
- maximum average speed for the period
- maximum instantaneous rates for the period
- maximum instantaneous rates for each day
- average maximum instantaneous rates for the period.

With the month by month analysis, you obtain these same statistics over a 2 years period.

The statistical module can thus indicate, for example, if the transferred volume remains compatible, month by month, with the limits that your Internet provider imposes to you.

## What is a detailed log, what is the log viewer?

IPsO can record on hard disk drive, if you request it, the instantaneous rates observed. This recording is done each minute, in a log file.

The log viewer module makes it possible to visualize graphically the contents of the log files and computes the basic statistics :

- total volume of transferred data
- average transfer speed.

## IPsO and windows minimization

IPsO features an additional function : a click on the right button of the mouse whereas the pointer is on the main window will minimize all windows.

## How to uninstall IPsO?

To uninstall IPsO, run uninstall.exe provided with IPsO (by default C:\Program Files\IPsO\_3). It is not possible to uninstall IPsO using "Add/Suppress programs" in the Windows control panel.

