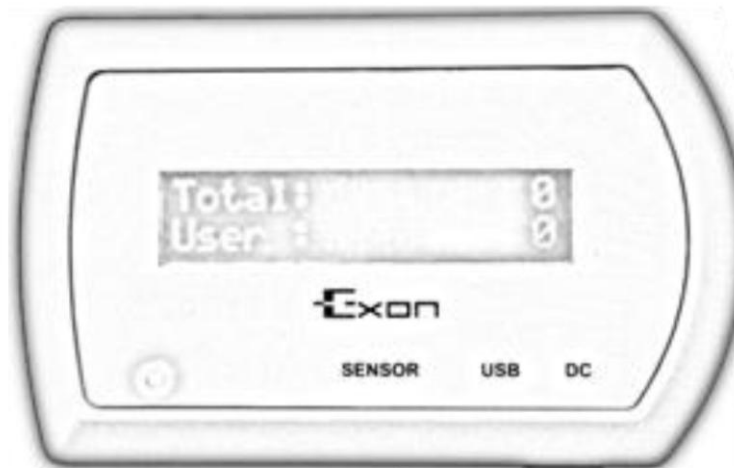




**Electronic public sites visiting statistics systems Description of software
for CC-1 and CC-2 counters.**





Software works only with Windows operational system, both 32 and 64 bit, from XP upwards.

Software instruction

1. Install Java environment in at least version 8. It is available free of charge at: <https://www.java.com/pl/download/>
2. Connect the counter to a computer using USB cable
3. Wait until the driver is automatically installed. If the driver is not automatically installed then install the FTDI FT232 serial port drivers manually. It is located in the "FT232 driver" folder. If the driver cannot be installed properly then download a new driver from the manufacturer's website at: <http://www.ftdichip.com/Drivers/D2XX.htm>
4. Restart the computer
5. Start the "ExonPL.jar" application
6. After start-up the program will be automatically minimized to the task bar.
7. The program can be closed only via the Windows "Task manager". There is a possibility for the program to be automatically started when the computer is turned on. To achieve this copy the program's shortcut to the appropriate system folder (Auto-Run).
8. Dedicated software for Exon client counter is ready to use.

Drawing 1 description - settings

1. "User" and "Total" counters showing the number of barrier interruptions are identical as on the LCD display of the chosen device
2. List including all the devices connected to the computer at the moment of program start-up. Their names include two parts: COM with the number designates the number of the serial port used by the given

counter, the value in the brackets can have three values: "(B)" is for a wireless counter with the possibility of setting the radio channel, "(BS)" is for a wireless counter without the possibility of setting the radio channel, "(P)" is for a wired counter. COM number is never changed, counter that was detected once as COM4 will be always detected at that port. The software saves the results from several counters connected to the computer at the same time. With this window we set the settings for individual counters.

3. User name used in the generated reports, e.g. name of the store manager
4. Name of the location used in generated reports, e.g. site address
5. Email address to which the reports will be sent
6. Time at which the daily reports will be sent
7. Used for the choice of report formats sent automatically. Daily reports are sent at time specified in point 6., weekly reports are sent on Mondays, monthly reports are sent on the first day of each month.

Drawing 2 description - reports

8. Choice of one-time report format for the current period of time, for example: marking a weekly report will result in generation of a report for the current week.
9. Choice of the attachment for the report
10. Marking a local report will cause saving the file locally on the disc, marking an e-mail report will cause sending the same file to the email address specified in point 5.
11. Creates a report according to settings made in points 8-10



Drawing 3 description - advanced

- 12.** Sets the date (inclusive) from which the report is to be generated
- 13.** Sets the date (inclusive) to which the report is to be generated
- 14.** Choice of attachment to the report
- 15.** Choice of report delivery mode (see 9)
- 16.** Choice of report resolution. For example choosing monthly resolution for a period from 1 January 2016 to 30 June 2016 will result in generation of a report including 6 entries giving the total number of visits in the months from the designated period
- 17.** Generates a report according to settings from points **12-16**

Drawing 4 description - control

- 18.** Starts or turns off the display of the chosen device (the device is still in operation and records data received from the sensors)
- 19.** Changes the sensitivity of the chosen device (only counters marked as "P").
- 20.** Sets the channel through which the counter communicates with wireless sensors (only counters marked as "B")
- 21.** Zeroes the "User" counter
- 22.** Zeroes the "User" and "Total" counters

Additional information

The following shall be included in reports apart from results: - Barrier errors: the fact of disconnecting sensors from the device (only counters marked as "P") - Overload: the fact of exceeding the value of "99999" on any of the counters – Disconnection from computer: the fact of disconnection of the counter from the computer while the program is working.

NOTE!

- 1.** The counter does not keep time and date records, such data are taken by the program from the operational system, access to full report is possible only when the counter is connected to the computer and the program is running.
- 2.** Any changes made to the software such as entering an e-mail address to which the generated reports are to be sent and localisation name are automatically saved in the program.
- 3.** All the generated reports are saved in "reports" folder in the order of report generation dates.



Drawing 1 description - settings



User: 0
Total: 0



SettingsReportsAdvanced reportsControl

Settings

User: 2

Location: 3

E-Mail: 4


Time: 5 :

☐ Send day reports
☐ Send week reports
☐ Send month reports

6




Drawing 2 description - reports



User: 0

Total: 0



SettingsReportsAdvanced reportsControl

Reports

7

Day report ☒

Week report ☒

Month report ☒

8

XLS ☐

PDF ☒

9

Local ☒


E-Mail ☐

10


Generate



Drawing 3 description - advanced



User: 0
Total: 0



SettingsReportsAdvanced reportsControl

Advanced reports

From (yyyy-mm-dd) **11** 2017 2 24

To (yyyy-mm-dd) **12** 2017 2 24

13 PDF ☒ Local ☒
XLS ☐ E-Mail ☐

14


Hour ☒ Day ☒
Month ☒ Year ☒

15


16
Generate



Drawing 4 description - control



User: 0
Total: 0



SettingsReportsAdvanced reportsControl

Control

17 LCD

18 Sensitivity

Soft reset19

Hard reset20