

TachoScan

List of changes

Version: 4.6

TachoScan

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The program windows (screenshots) shown within this help file can differ in form and contents from the actual program windows. This can be the case especially when the program version differs from the manual version.

Production:

INELO Polska

ul. Karpacka 24/U2b
43-300 Bielsko-Biała
POLAND
www.inelo.pl



Changes implemented in this version of TachoScan program:

Upgrading SQL Server™ 2000 and SQL Server™ 2005:

For holders of the above servers will not be able to update the program TachoScan if the user doesn't agree to update the server.

(We allow manual update of the SQL server to the minimum version: **SQL Server™ 2008R2**)

Engine module

Communicating program errors

(menu: "Basic data" -> "[014] Settings" -> Main)


- the option **Turn off reports about errors** was removed.

Optimization

- SQL Server™ 2017 support introduced;
- the **SQL Installer** operation was optimized;
- licensing software errors were fixed.

Holidays and free days

(menu: "Basic data" -> "[011] Holidays and free days")

- the list of holidays for 2018 for France and Austria was updated;
- on the **Custom holidays** list, "Country" column (ISO country codes) was changed into Country (flag and country name);
- during adding a free day or holiday, a separate window will no longer be displayed - the list will be expanded by an empty line, in which it will be possible to enter the date, description and country;
- the data can be edited in two ways:
 - by double-clicking on the cell;
 - by selecting the  button: - opening of the editing window.


Rates of exchange

(menu: "Basic data" -> "[009] Rates of exchange")

- the mechanism for downloading the exchange rate was optimized;
- the appearance of the currency exchange rate window was changed.

Import of currency rates from an xml file

(menu: "Basic data" -> "[009] Rates of exchange")

-  button was added to the currency list toolbar allowing to import currency rates from an XML file;
- in TachoScan program folder, in the **narzedzia** (tools) folder the **PobieranieKursówWalut** file was added that allows to generate your own import files of currencies in XML format.

Tab - signalling unsaved changes

- it is now possible to move freely through the tabs without the need to save changes - if, for example, you change the employment in the employment contract editing window, you can go to another tab without the need to save changes;
- the tab in which changes were made without saving will be marked with "*" (an asterisk) and will flash in red.


TachoScan module

Automatic rate update

A mechanism for automatic update of wage rates, daily rates and allowances in other countries was added
(menu: "Basic data" -> "Settings" -> "TachoScan" -> "Minimum wage - other countries")

- **Automatically download rates for other countries (minimal, allowances, daily)** - option was added - the option is checked by default;

(menu: "TachoScan" -> "[181] Minimum wages in foreign countries", menu: "TachoScan" -> "[178] Minimum daily rate in foreign countries" oraz menu: "TachoScan" -> "[183] Foreign allowances")

-  button for downloading and updating rates was added;
- the mechanism for adding individual rates for the company was changed;
- highlighting rates added by the company in blue was added;

The rates added by the company will not be updated. It should monitor whether they are not lower than those required by law.

(menu: "TachoScan" -> "[311] Minimum daily rate in foreign countries")

- the Default column, in which the rates subject to update are selected, was added (the rates comply with the statutory minimum rates in individual countries).

The offence level on the infringement report

(menu: "Reports"-> -> "Weekly control of driver's working and resting time"

(menu: "Reports"-> "Driver infringements" -> **Infringements** tab)

- Offence level column was added;
- in the report print preview, the **Ferry** and **Team** columns were removed.

Settings

(menu: "Basic data" -> "Settings" -> "Tachoscan" -> "Miscellaneous")

- to the **Approximate km for activities from digital card** option, the sub-option **Calculate the distance driven using detailed speed data (may affect program performance)** was added.

Digital tachograph data

(menu: "TachoScan" -> "[107] Digital tachograph data")

- on the list of days from the tachograph the filter was added **Show vehicles without activities**.

Speed chart - additional sections

(menu: "TachoScan"->"Digital tachograph data")

(menu: "TachoScan" -> "Digital tachograph data" -> "digital tachograph data preview window" -> "Speed chart" tab)

- **Continental VDO tachograph from version: 1.3** - for readings of special speed data, the possibility to read / write and display the following charts was added:
 - - speed history of the last 168 hours of driving recorded with a frequency of one second;
 - - last three records (high resolution - frequency: four values /second) of two-minute speed periods, in which there was an **unnatural speed change in a short period of time**;
 - - last three records (high resolution - frequency: four values/second) of two-minute speed periods, in which there was a **sudden, high change in speed**;



Risk analysis of loss of good repute

Pursuant to Art. 1 and Annex II to the Commission Regulation (EU) 2016/403, a mechanism calculating the frequency of serious infringements was added.


(menu: "Basic data" -> "[014] Settings" -> Main)

- in the **Miscellaneous** section, the option **Show risk analysis in the main form (may affect program performance)** was added, which, if selected, displays the **Repute** widget in the **Start** tab (shown alternately with the **News** widget).

("Start" tab)

- a widget (window) **Repute**, was added, which, alternately with the **News** widget, displays the results of calculating the frequency of serious infringements:
 - the above frequency will be automatically calculated once a day immediately after starting the program;
 - using , button it will be possible to force recalculating the above frequency at any time;
 -  button, on the other hand, will display report "[182] Risk analysis of loss of good repute", in which, in addition to calculating the average number of very serious infringements, sanctions resulting from exceeding the abovementioned frequency, pursuant to the Act on road transport Art. 15a paragraph. 4, are given. Below the description of the sanctions, a list of drivers is displayed along with the number of infringements committed;

(menu: "Reports")

- report "[182] Risk analysis of loss of good repute" was added - the same as displayed with the  button.

("Start" tab and "Reports" -> "TachoScan" -> "[182] Risk analysis of loss of good repute" menu)

- omission in report "[182] Risk analysis of loss of good repute" of infringements not approved in [114] Driver infringements ("Reports" menu) was added.

Optimization

(menu: "TachoScan" -> "[102] Open")

- data analysis and recording during loading of multiple digital files was accelerated;
- the calculation of odometer readings was optimized;

(menu: "Reports" -> "TachoScan", "Additional reports")

- report generation time for "[127] Weekly control of driver's working and resting time", "[130] Record of working time" and "Driver's activities -> according to real dates" was shortened.


Driver infringements

(menu: "TachoScan" -> "[114] Driver infringements")

- For **Since 11.04.2007 analyse according to:** option, the **AETR** analysis method was removed;

Update:

If you had the option (AETR) selected, the program will change it to AETR 2010.

- Print preview: in the report header all vehicle registration numbers that the driver drove in a controlled period of time were added. Numbers are displayed in order of their occurrence;
-  button, responsible for filtering **the most serious infringements** was removed;
 - Level of seriousness column, which allows sorting and filtering of infringements, was added.

Analysis remarks

(menu: "TachoScan" -> "[114] Driver infringements")

- in the infringements generation window Analysis remarks, tab was added, in which additional warnings which may affect the infringements result will be displayed;

(menu: "Basic data" -> "[014] Settings")

- "Infringements - Analysis remarks" tab, which summarizes a list of options of warnings that can be analyzed by the program, was added.

Settings

(menu: "Basic data" -> "[014] Settings")

- in the "TachoScan" tab:
 - **Include daylight saving time** option was added;
The change will be visible in a 24h period in which the daylight saving time shift occurred - on the driver's daily chart (menu: "TachoScan" -> "[106] Driver card and record sheet data") and weekly chart (menu: "TachoScan" -> "[115] Weekly chart");
- in the "TachoScan" -> "Infringements - Analysis" tab:
 - **Include 45 min break in resting time (AETR only)** option was removed;
 - **Regular daily rest taken too late on the ferry analyze as:** option was removed;

Update:

The analysis will run as if the option Regular daily rest taken too late on the ferry analyze as: -> too short rest infringement was checked (the program requires regular daily rest time).

- **Generate the infringement of exceeding the 6/12x24h period between weekly rests** option was added;

On control reports the above infringement will be seen as: **Weekly rest period taken too late by []**.

- Include driving during the daily rest on the ferry to the daily driving time option was added;
- in the "TachoScan" -> "Miscellaneous" tab:
 - **During the analysis of digital readouts search for the vehicle within active company only** option was added;
 - the name and operating principle of the option "Close digital readout windows after saving data, if more than 5 files have been loaded" was changed into After saving the digital data open it in a daily view form;
 - exception was added for **After reading the driver card data insert 1-minute work at each place entry** option: exceptionally, the option does not work for daily rest periods on the train / ferry.

Speed chart

(e.g. "TachoScan" -> "[107] Digital tachograph data" menu, "Speed chart" tab)

Depending on the option below, the speed chart will be displayed in different colors:

- **Include daylight saving time** (Option unchecked):
 - **red**;
- **Include daylight saving time** (Option checked):
 - summer - **light red**;
 - winter - **dark red**.



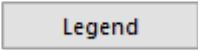
Summary of reading data from driver cards / digital tachographs

(menu: "Basic data" -> "Settings" -> "TachoScan" -> "Miscellaneous")

- the functionality and name of "Show driver card or digital tachograph data before saving" option was changed into **Show summary before saving the data from digital downloads**;


(menu: "TachoScan" -> "[102] Open" or "[103] Read driver card" or "[104] Read digital tachograph" or "[105] From external device")





- **Data summary** will be grouped by drivers / vehicles, not as before by readings;
 - information about the number of readings downloaded was added;
 - the progress of analysis and of writing the source files will be presented in a separate window for all files;
- reading data from a digital tachograph
 - next to the registration number of the vehicle, the recording status will be given in brackets, e.g. by default, new cars will have the status: (**new**) - "save as new" option selected;
 - the tab with the option to choose the status (Select the vehicle or add a new one) will be displayed after clicking on the registration number of the vehicle;

- if the program finds new drivers or drivers with similar details (e.g. First name and Last name, Birth date, Driver card no), it will display **Drivers from vehicle data files** window, containing a list of names to be approved;
- reading data from the driver card, in the same way as above:
 - next to the surname and first name of the driver, the status of the record will be given in brackets;
 - the tab with the option to choose the status (Select a driver or save a new one) will be displayed after clicking on the name of the driver;
 - if the program finds new vehicles, it will display Vehicles from driver data files window containing a list of registration numbers for approval;
- after closing the window ( or ) and processing of the data, the program will again display **Data summary** window in which the results of the analysis will be marked with colors (**saved**, **not saved**, **invalid certificate** or for the MINI version: **saved inactive - No licence for more vehicles**);
 -  button was added..

Approximated distance in kilometers - source designation

("TachoScan" -> "[106] Driver card and record sheet data" menu, open any day from the driver card containing driving events;
or "[107] Digital tachograph data", open any day, go to the "Activities on a specific day" tab)

In the "action list" and the "actions print" preview , the designation of the approximated kilometres source was added:

-  averaged km;
-  km averaged taking place entries in the card into account;
-  km averaged taking place entries in the tachograph into account;
-  km calculated based on detailed speed data or odometer readings.

Below the list of activities a legend with the description of the sources was added.

Downloading digital data - driving license categories

(menu: "TachoScan" -> "[102] Open" or "[103] Read driver card" or "[104] Read digital tachograph" or "[105] From external device")

- when downloading digital data, the license category selection window will not be displayed;

Report [170] Differences between tachograph and card data

(menu: "Reports" -> "[170] Differences between tachograph and card data")

- in the print preview generation window, **Show only days with driving** option was added to the report.

Messages

The readability of some messages was improved.

Removed Data import to TachoScan from GBOX

The Data import to TachoScan from GBOX functionality (also from the GBOX module) was removed, along with related options and icons.

Update:

All days marked with GPS status will be removed from the program database.

Report [254] Records of working time in foreign countries

("Reports" -> "[176] Records of working time in foreign countries" menu)

- printing of report was added for drivers for which no working time on the territory of a given country was registered, with an appropriate annotation.

Calculation of compensation for work in other countries - Belgium

A mechanism allowing for the calculation of compensation for working time in Belgium, based on the provisions applicable in this country, was added.

(menu: "Basic data" -> "[005] Employees" open for editing or add a new employee, open for editing or add a new "contract of employment")

- **Belgium** row/option was added in the **Calculate minimum wage payable for the work time in the territory of foreign countries at the rates** table;
- in the compensation rate adjustment window, among others, **minimum wage** option was added;

The minimum wage rate is defined in the "TachoScan" -> "[181] Minimum wages in foreign countries")

Belgium

Obowiązuje kilkaThere are several categories depending on the type of combination vehicle driven and the nature of the work performed, additionally the rates depend on the weekly working time (see Table of minimum hourly rate " topic for more).

(menu: " TachoScan " -> "Minimum daily rate in foreign countries")

- default rates for Belgium were added:
 - **Board rate/allowance** - 36,1265€;
 - **Board rate/subsistence allowance incomplete:** € 14.6640;

(menu: "Basic data" -> "[005] Employees", open for editing or add a new employee, select the "Settings - other countries" tab)

- **Belgium** section with options defining the method of work seniority calculation was added;

(menu: "Basic data" -> "[005] Employees")

- the following columns were added to the list of employees: **Base pay rate in Belgium and For Belgium count length of service form**

(menu: "Basic data" -> "[014] Settings", zakładka: "TachoScan" -> "Minimum wage - other countries")

- **Belgium** tab contains a number of options for calculating and reducing the compensation for a national minimum wage;

(menu: "TachoScan")

- **[183] Foreign allowances** tab was added, with Belgian allowance rates:
 - Length of service allowance
 - RGPT allowance;
 - Night-time work allowance;

("Reports" menu)

A summary of the calculation results of compensation for working time in Belgium is available on the following reports:

- "[176] Records of working time in foreign countries";
- "[179] Summary records of working time in foreign countries";

("TachoScan" -> "Weekly chart" menu)

- sections of stay in Belgium will be included in the calculation of the national minimum wage;

(menu: "Basic data -> [011] Holidays and free days")

- list of Belgian holidays for the current year was added to the list of holidays and days off work;

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- the possibility of importing sections in Belgium was added.

A guide/tutorial was prepared describing step by step the actions to be performed in the

program to calculate the compensation to the national minimum remuneration. You can access the tutorial by following the link: "Tutorial - Calculation of compensation for work in other countries" -> "Belgium".

Calculation of compensation for work in other countries - Luxembourg

A mechanism allowing for the calculation of compensation for working time in Luxembourg, based on the provisions applicable in this country, was added.

As of 24 January 2018, Luxembourg temporarily suspended the provisions on the minimum wage for employees posted in road transport of goods and passengers.

(menu: "Basic data" -> "[005] Employees", open for editing or add a new employee, open for editing or add a new "contract of employment")

- **"Luxembourg"** row/option was added in the Calculate compensation for working time in the territory of other countries acc. to rates table;
- in the compensation rate adjustment window, among others, **minimum wage** option was added;

The minimum wage rate is defined in the "TachoScan" -> "[181] Minimum wages in foreign countries")

There are 5 main groups depending on the driving license category, which in turn are divided according to seniority (see "Table of minimum hourly rate" topic for more).

(menu: "Basic data" -> "[005] Employees")

- **Base pay rate in Luxembourg** column was added to the list of employees as well as **For Luxembourg count length of service from**
- in the employees list, in dropdown menu for the "Alter data for selected items" -> item, the following row/option was added: For Luxembourg count length of service from

("Basic data" -> "[014] Settings" menu, "TachoScan" -> "Minimum wage - other countries" tab)

- the following tab was added: **Luxembourg**

("Reports" menu)

A summary of the calculation results of compensation for working time in Luxembourg is available on the following reports:

- "[176] Records of working time in foreign countries";
- "[179] Summary records of working time in foreign countries";

4Trans Mobile

- option of importing Luxembourg sections was added;

A guide/tutorial was prepared describing step by step the actions to be performed in the program to calculate the compensation to the national minimum remuneration. You can access the tutorial by following the link "Tutorial - Calculation of compensation for work in other countries" -> "Luxembourg".

- minimum rates of remuneration for passenger transport were added ("**category I: (Carriage of passengers) Drivers of buses with 9 to 17 seats**", "**category II: (Carriage of passengers) Bus drivers**" - the table of minimum rates is included in "Table of minimum hourly rate" topic).

Calculation of compensation for work in other countries - Finland

A mechanism allowing for the calculation of compensation for working time in Finland, based on the provisions applicable in this country, was added.

(menu: "Basic data" -> "[005]Employees", open for editing or add a new employee, open for editing or add a new "contract of employment")

- **Finland** row/option was added in the **Calculate minimum wage payable for the work time in the territory of foreign countries at the rates** table;
- on the list of employees, in the drop down menu for the item: "Alter data for selected items" -> "Modify current contract -> "Allowance for work time in foreign country", line / option **Finland** was added;
- in the compensation rate adjustment window, among others, **minimum wage** option was added;

The minimum wage rate is defined in the "TachoScan" -> "[181] Minimum wages in foreign countries" menu

Finland

here are four categories, depending on the type of combination vehicle driven, which in turn are divided according to seniority (see: "Table of minimum hourly rate" topic for more).

(menu: "Basic data" -> "[005]Employees")

- **Base pay rate in Finland** column was added to the list of employees;

("Basic data" -> "[014] Settings", zakładka: "TachoScan" -> "Minimum wage - other countries" tab)

- Finland tab containing a number of options for calculating and reducing the compensation for a national minimum wage was added;

("Reports" menu)

A summary of the calculation results of compensation for working time in Finland is available on the following reports:

- "[176] Records of working time in foreign countries":
- "[179] Summary records of working time in foreign countries";

("TachoScan" -> "Weekly chart" menu)

- sections of stay in Finland will be included in the calculation of the national minimum wage;

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- the possibility of importing Finnish sections was added.

A guide/tutorial was prepared describing step by step the actions to be performed in the program to calculate the compensation to the national minimum remuneration. You can access the tutorial by following the link: "Tutorial - Calculation of compensation for work in other countries" -> "Finland"

Change of rates - Austria

("TachoScan" -> "[181] Minimum wages in foreign countries" menu)

- Austrian minimum wage rates applicable to the **carriage of goods** and **passenger transport** changed (according to the table in topic "Remuneration and allowances regulations");
- the rates of allowances applicable to the **transport of passengers** were changed:
 - Rate for food : Regular carriage from € 17.88 into € 18.36; Occasional carriage from € 22.68 into 23.28;
 - Allowance for accommodation : Regular carriage from € 4.38 into 4.50, Occasional carriage from € 4.38 into 4.50;
 - Rate of arduous work - a bus with a trailer or with more 50 seats... from € 0.98 into € 1.01;
 - Rate of arduous work - a bus more than 13 meters long, articulated bus or a double-decker bus: from € 1.22 to € 1.25.

Only default rates (not previously edited by the company) were updated

Minimum wages in foreign countries - Netherlands

(menu: "TachoScan" -> "[181] Minimum wages in foreign countries")

- Dutch minimum wage rates were changed from EUR 9.11 to EUR 9.20 (effective from 1 July 2018)
- the Dutch minimum wage rate was added from € 9.04 to **€ 9.11**, that was effective from 1

January 2018 to 30 June 2018)

- the Dutch minimum wage rate was added - **€ 9.04** that was effective from 1 July 2017 to 31 December 2017)

Only default rates (not previously edited by the company) were updated

Daily rates and remuneration rate - Germany

(menu: "TachoScan" -> "[178] Minimum daily rate in foreign countries")

- German SvEV rate for meals was changed from € 241 monthly (€ 8.03 per day) into **€ 246** monthly (€ 8.20 per day);
- German SvEV rate for overnight stay was changed from € 223 monthly (€ 7.43 per day) into **€ 226** monthly (€ 7.53 per day);

(menu: "TachoScan" -> "[181] Minimum wages in foreign countries")

- the applicability of the current German minimum rate was extended until the end of 2018.

Only default rates (not previously edited by the company) were updated

Changing the rate - Norway

(menu: "TachoScan" -> "[178] Minimum daily rate in foreign countries")

Update of the Norwegian meal / allowance rate from NOK 307.00 to NOK **315**.

Only default rates (not previously edited by the company) were updated

Changing the rates - France

("TachoScan" -> "[181] Minimum wages in foreign countries" and "[178] Minimum daily rate in foreign countries" menu, carriage of goods and transport of passengers)

- for all professional qualification groups, the French minimum wage was updated according to the table in "Professional qualifications:" topic (effective as of 1 October 2017);
- the French minimum wage rate for the carriage of goods was changed (effective as of 1 January 2018)
- allowances for work on Sundays and public holidays was updated:

- transport of goods: Up to 3h: from € 10.01 into **€ 10.07**, More than 3h: from € 23.38 into **€ 23.42**; (effective as of 1 October 2017)
- transport of passengers: Up to 3 hours: from € 13.83 into **€ 10.07**, More than 3h: from € 27.66 into **€ 23.42**; (effective as of 1 October 2017)
- basis for calculating the hourly rate of the night time work allowance was updated from € 10.00 into **€ 10.06** (effective as of 1 October 2017)
- the French meal / food allowance rate was changed from € 55.92 into **€ 56.26** (effective as of 1 August 2017).

Only default rates (not previously edited by the company) were updated

Calculation of compensation for work on the territory of other countries

("Dane podstawowe" -> "[014] Settings" menu, "TachoScan" -> "Minimum wage - other countries" tab, all countries except Norway)

- the range of "accommodation allowances received during rest periods of less than 45h" option was broadened, adding the possibility to choose the rest duration:
 - new option wording: **lump sums for overnight stays taken during rest periods of at least (24:00 - 99:59) hours;**

[005] Employees

("Basic data" -> "[005] Employees" menu)

- **Lump sum for all components** column was added,

Calculation of compensation for work in other countries - France

(menu: "Basic data" -> "[005] Employees", open for editing or add a new employee)

- in the "Settings - other countries" tab, **Count length of service from -> Dates of the first contract with the continuity of employment** or **Dates** option was added;

Posting of employees - France, Germany

(the main tab: "Start", "TachoScan" -> "[177] Entering and leaving a foreign country territory" menu)

-  ,  icons were removed;



INELO Polska Spółka z ograniczoną odpowiedzialnością
(dawniej INELO Spółka z ograniczoną odpowiedzialnością Sp.K.)
ul. Karpacka 24/U2b, 43-300 Bielsko-Biała
KRS: 0000702969
tel. +48 33 496 58 71, www.inelo.pl

Sąd Rejonowy w Bielsku-Białej VIII Wydział Gospodarczy
Krajowego Rejestru Sądowego
Kapitał zakładowy: 10.000.000 PLN