

List of changes

Version: 6.1.1



TachoScan

List of changes

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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.

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Changes implemented in this version of TachoScan program:

The new module **Foreign salary** has been introduced. It allows to settle drivers' remuneration corresponding to the model of settlements in accordance with the Regulations of the Mobility Package.

In order to have access to the **Foreign salary** module, you need to purchase access to it.

Added a new **Manipulations** module. The module, created in cooperation with inspections and European organizations, is a quick and easy tool for searching and analyzing potential manipulations. The analysis is performed based on data from driver cards and tachograph data saved in the program. Thanks to this, you can very easily get to the source of suspected manipulation.

Support for Windows 8.1 has been withdrawn.

This means that there is no technical support for TachoScan faults caused by the Windows 8.1 operating system.

Engine module

(6.0.7 HF) Optimization

- Added support for **MS SQL 2022** server.

(6.0.7 HF) Automatic patch download

(menu: Administration panel -> Settings -> Administration panel -> Automatic updates)

- Blocked the possibility to automatically download patches.
- Deleted the **Download and install patches** option.

(6.0.7) Program updates

- Introduced automatic fixes which may require database updates. You will be informed about such fixes with a window message asking if you want to update the database. After you accept it, the program update will start. Alternatively, you will get a message that the program is running on other computers and, to start the update, it should be closed.

(6.0.5) Country code

- The country code for the Faroe Islands (**FO**) has been updated.

(6.0.1) Remote help

(menu: Help -> Remote help)

- Launching of **TeamViewer** after clicking on the **Remote help** button has been improved.

(6.0.1) Changes in the appearance of the program

- Changes in the appearance of the TachoScan program have been introduced.

TachoScan module

(6.1.1) Support for second generation of the second version (G2V2) smart tachographs

- Added support for smart tachographs of the second generation of the second version (G2V2).

(6.1.1) Tachograph file analysis

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

- In **Preview window of data from the digital tachograph**, added the **Border crossings** and **Load unload operations** tabs.
- In the **Activities, events and faults in the table** tab, in the table:
 - added new events: **Loading, Unloading, Loading/unloading** and **Border crossing**;
 - after right-clicking on the above-mentioned events, a context menu with the **Show in the map** options opens.
- In the **Activities on a specific day** tab, added new icons for the following events: **Loading, Unloading, Loading/unloading** i **Border crossing**.
- In the **General and technical data** tab:
 - in the **Smart tachograph data** section, added information about **digital map version**;
 - in the **Calibration data** section, added the following information.
 - **Serial number of the motion sensor**;
 - **Serial number of the GNSS receiver**;

- **Serial number of the Remote Communication Module;**
- **Calibration country;**
- **GNSS time of calibration country determination;**
- **Default load type.**

(6.1.1) Tachograph replacement report

(menu: Reports -> TachoScan -> [153] Tachograph replacement report)

- Added **[153] Tachograph replacement report.**

(6.1.1) Events and faults

(menu: TachoScan -> Events and faults)

- Added the **GNSS anomaly** event to:
 - the [157] **driver's card** and [158] **digital tachograph** reports;
 - the event table in the digital tachograph data viewing window and to the day viewing/editing window from the driver card.

(6.1.1) Driver card file analysis

(menu: TachoScan -> [106] Driver card and record sheet data)

- Adapted the menu to support the **second generation of the second version (G2V2) smart tachographs.**
- In the **Driver Activity Data** tab, in the **Driver's daily chart** window, added information about the odometer for the following activities: automatic border crossings, loadings and unloadings.
- In the **Events and faults** tab, in the **Driver's daily chart** window:
 - added the following events: **Loading, Unloading, Loading/unloading** and **Border crossing**, along with new icons and information about the odometer;
 - after right-clicking on the above-mentioned events, a context menu with **Show in the map** option opens:
 - in the hint, under the "i" icon, added the new **Authentication** item (information whether the vehicle's position was read from the satellite).
- In the weekly and monthly charts, added icons to the following events: **Loading, Unloading** and **Border crossing.**

(6.1.1) Risk analysis of loss of good repute

(menu: Reports -> TachoScan -> [182] Risk analysis of loss of good repute)

- Updated the formula for calculating the of loss of good repute in accordance with the Commission Regulation (EU) 2022/695.

(6.0.8) Analyze daily rests on the ferry between the entries of countries where work ended and started

(menu: Basic data -> Program settings -> TachoScan -> Infringements - Analysis)

- The **Analyze daily rests on the ferry between the entries of countries where work ended and started** option is now on by default.

(6.0.8) Drivers' infringements in general

(menu: Reports -> TachoScan -> [145] Drivers' infringements in general)

- Added the **No return to the country where the company's head office is located or to the driver's country of residence for a week's rest** column to the summary description of infringements.

(6.0.8) Show transgressions of working time of at most 10 hours at night time

(menu: Basic data -> Settings -> TachoScan -> Infringements - Analysis)

- Deleted the **in fixed 24-h periods** sub-option in the **Show transgressions of working time of at most 10 hours at night time** option.

(6.0.8) Driver infringements

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

- In the CSV report, added the option to generate new columns: **Driver ID** and **Company abbreviation** (generate infringements, then right-click -> **Customize columns...**).

(6.0.8) Driver's daily chart

(menu: TachoScan -> View/ edit a day from a driver card window -> Events and faults)

- Adjusted the visibility of the columns in the **Location** window, so that all columns are visible.

(6.0.7) Driver's activities on a night shift

(menu: Reports -> TachoScan -> Additional reports -> Driver's activities -> [138] on the night shift)

- Added the option to generate the **Driver's activities on a night shift** report according to actual dates.
- In the generate report window, added the following options: **by disc dates** and **by real dates**. They allow you to select the dates for which the report will be generated.

(6.0.7) Default settings

(menu: Basic data -> Settings -> TachoScan -> Mobility package)

- Changed the default settings. The following options are now on by default.
 - **Check location from GNSS and place entries in the analysis of two consecutive reduced weekly rest periods,**
 - **Generate weekly rest in vehicle infringement,**
 - **Include weekly rest double reduction compensations in a 6x24h period between weekly rests,**
 - **Include 9/11h rest in a compensation of weekly rest double reduction.**
- The **Require at least a 45-minute break in driving, if it includes team availability (561/2006 only)** is now off by default.

(6.0.7) Copying data from driver cards and record sheets

(menu: TachoScan -> [106] Driver card and record sheet data)

- Added the possibility to copy data from driver cards and record sheets.
 - In the context menu, added the **Copy to**. After selecting it, a window will be displayed. In this window, you can select the drivers for whom data will be copied.
 - **Activities, country entries, and GNSS points from the drive** are now copied every 3 hours.

(6.0.4) Risk analysis of loss of good repute

(menu: Reports -> [182] Risk analysis of loss of good repute)

- The formula of calculating the risk of loss of good repute for the reports ending after 23rd

May 2022, in accordance with the Commission Regulation (EU) 2022/694 has been updated. The risk of loss of good repute will be calculated by the number of vehicles, not drivers.

- The information on the number of vehicles, which had been used in the period of the report has been added.

(6.0.4) Classification of infringements

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

- The classification of infringements has been updated for the infringements ending after 23rd May 2022, in accordance with the Commission Regulation (EU) 2022/694. The following infringements: **No return to the country where the company's head office is located or to the driver's country of residence for a week's rest** and **Regular weekly rest taken in a vehicle** will be classified as VSI.

(6.0.4) Show transgressions of working time without a break

(menu: Basic data -> Settings -> TachoScan -> Infringements - Analysis)

- New sub-options have been added to the **Show transgressions of working time without a break** option:
 - Require at least 1 minute of driving on a work day,
 - break required within first 6h of work,
 - break required within daily driving time.

(6.0.1) Generate the infringement of exceeding the 6/12x24h period between weekly rests

(menu: [014] Settings -> TachoScan -> Infringements - Analysis)

- To the **Generate the infringement of exceeding the 6/12x24h period between weekly rests** option, the sub-options have been added:
 - Generate infringements of weekly rest too short and taken after 6/12x24h period independently,
 - verify 6/12x24h only between weekly rests at least 24h long,
 - verify 6/12x24h taking into account weekly rests indicated as too short.

(6.0.1) Combining data from tachograph

(menu: TachoScan -> Preview window of data from the digital tachograph / smart tachograph -> Activities on a specific day)

- Combining events from a tachograph in which two different company cards were used during one day as well as events from two different tachographs (e.g. when a tachograph is replaced with a new one) has been introduced.

Mobility package

(6.0.1) Infringements of Art. 12 MP

(menu: TachoScan -> [114] Driver infringements or Reports -> [114] Driver infringements and [127] Weekly control of driver's working and resting time)

- The way of marking the infringement of Art. 12 of the Mobility package - Weekly driving time exceeded - has been changed.

(6.0.1) Require at least a 45-minute break in driving, if it includes team availability (561/2006 only)

(menu: [014] Settings -> TachoScan -> Mobility package)

- The option **Require at least a 45-minute break in driving, if it includes team availability (561/2006 only)** has been moved from the Settings -> TachoScan -> Infringements - Analysis tab to the **Mobility package** tab.

(6.0.1) The infringement for no place of entry

- The driver is required to enter in the digital tachograph the symbols of the countries in which the daily working periods started and finished. A symbol of a Member State, which the driver entered, must be introduced in the closest possible place of stop on the border, or at the beginning of the first stop after crossing it. If the crossing of the border of a Member State takes place on the ferry or on the train, the driver should introduce the symbol of the country in the port or arrival station.
- During the infringement analysis, the program looks for entries from the time of crossing the border to the stop that lasts at least 15 minutes. Then, it can be clearly determined that a driver stopped and had enough time to introduce the symbol of the country.

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

- The lack of indication of the country will be shown in the infringement 7.12 **Lack of driver's activity data or of indication of country at the beginning or end of daily driving.**
- The infringement will not be generated in case of driver card reading, which was done in the driver's work time, after which the indication of the country may still be added.
- The information on the cause of the infringement - no place entry / no data - has been added in the infringement description.

Foreign salary module

(6.1.1) Load unload operations

(menu: Foreign salary -> [270] Load unload operations)

- Added the option to import data from driver card (the **Import driver card readings** button).

(6.0.7 HF) Import of loadings and unloadings from file

(menu: Foreign salary -> Loading unloading-> Import załadunków rozładunków z pliku)

- Changed the accepted date format during the **import of loadings and unloadings from file.** The dot is the correct separator - DD.MM.YYY.

(6.0.7) Foreign salary

(menu: Foreign salary -> [274] Stawki)

- Changed the name of the **Minimum rate** tab to **Rates.**

(menu: Foreign salary -> [271] Wage components -> Calculation mode)

- In the **Calculation mode** field, added new items: **Calculate by departure time** i **Calculate by departure time.**

(6.0.7) Import of wage components

(menu: Foreign salary -> [271] Wage components, [276] Wage components in countries and [274] Stawki)

- Wage components, wage components in countries and foreign salary rates are now

automatically updated when starting the program.

(6.0.6 HF) New option in settings

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

- In the settings, added the **Calculate foreign salaries from** option. It allows to select from when the foreign salary will be settled in the program.

(6.0.6) Import of wage components

(menu: Foreign salary -> [271] Wage components, [276] Wage components in countries and [274] Minimum rate)

- Wage components, Wage components in countries and minimum rates of Foreign salary will be automatically downloaded while calculating the Records of working time.

(6.0.4) Work time in foreign countries record

(menu: Reports -> Foreign salary -> [280] Work time in foreign countries record)

- In the window generating the **[280] Work time in foreign countries record** report, a new option **Show information even if there is no work time in the country** has been added. It is enabled by default.

(6.0.3) Work time in foreign countries record

(menu: Reports -> Foreign salary -> [280] Work time in foreign countries record)

- A new report **[280] Work time in foreign countries record** has been added. It presents work time record, summary of components and foreign salary compensation.

(6.0.3) Creating a component for kilometers traveled without infringements

- A possibility of creating bonus components for kilometers traveled without infringements has been added.

(menu: Foreign salary -> [271] Wage components -> Calculation mode)

- For **Calculate acc. to distance traveled** calculation mode, a new option **Take only kilometers without infringements** has been added. If it is enabled, the component will not be calculated for kilometers traveled, if there an infringement occurred.

(6.0.3) Creating a component for the time of stay abroad

- A possibility of creating bonus components for the time of stay abroad has been added.
(menu: Foreign salary -> [271] Wage components -> Calculation mode)
- For **Calculate acc. to time spent in countries** calculation mode, new options have been added:
 - **abroad** - the component will be shown for the time of stay abroad,
 - **in the country** - the component will be shown for the time of stay in a specific country.
- A sub-option **Ignore part of a rest above [] hours** has been added. If it is enabled, the component will not be calculated for a part of rest above time indicated in this option.

(6.0.3) List of accepted countries for foreign salary section verification

(menu: Basic data -> [014] Settings -> Foreign salary -> Basic -> List of accepted countries for foreign salary section verification)

- The European countries have been checked by default on the **List of accepted countries for foreign salary section verification**.

(6.0.3) Import of foreign sections

(menu: TachoScan -> [177] Entering and leaving a foreign country territory)

- The column **Take as delegating** on the list of foreign sections will be marked according to **List of accepted countries for foreign salary section verification**.

(6.0.3) Import of loadings and unloading from a file

(menu: Foreign salary -> Loading unloading-> Import loading unloading from a file)

- A possibility of importing loadings and unloadings for a few drivers in one file has been added.
- The model and example files for import of loadings and unloadings have been updated.

(6.0.3) Import of the foreign sections from a file

(menu: TachoScan -> [177] Entering and leaving a foreign country territory -> Import of foreign sections)

- A possibility of importing foreign sections for a few drivers in one file has been added.

- The model and example files for import of foreign sections have been updated.

(6.0.2 HF) Foreign sections

(menu: TachoScan -> [177] Entering and leaving a foreign country territory -> Import of foreign sections)

- A possibility of adding adjoining foreign sections has been introduced.

(6.0.2) Determining paid foreign sections

(menu: TachoScan -> [177] Entering and leaving a foreign country territory)

- The foreign sections will be divided automatically on the basis of the entered loadings and unloadings in order to determine paid foreign sections. They will be set from loading to unloading, not from one country border to another.

(6.0.1 HF) Import of foreign sections

(menu: TachoScan -> [177] Entering and leaving a foreign country territory -> Import of foreign sections)



- A new column **Take as delegating** has been added to the file. There, you can determine whether a given foreign section should be included in calculating the foreign salary.

(6.0.1) New module Foreign salary

- A new module **Foreign salary** has been added in the main menu. It includes the following tabs:
 - [273] Records of working time,
 - [271] Wage components,
 - [276] Wage components in countries,
 - [272] Automatic change of activities,
 - [274] Minimum rate,
 - [275] Minimum rate categories,
 - [277] Employment list,
 - [270] Loading unloading.
- A new tab **Foreign salary** has been added in settings.

(6.0.1) Import of foreign sections

(menu: TachoScan -> [177] Entering and leaving a foreign country territory)

- New buttons have been added to the toolbar in the **Entering and leaving a foreign country territory** tab:
 -  - it allows to import foreign sections from a driver card,
 -  (**Mark delegating acc. to loading/unloading**) - it allows to mark the foreign sections that fall under the Foreign salary.
- A multi-action **Mark sections according to the list of accepted countries** has been added. It allows to automatically check those foreign sections that should be included in the Foreign salary. The section will be marked if a given country is on the List of accepted countries for foreign salary section verification.



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