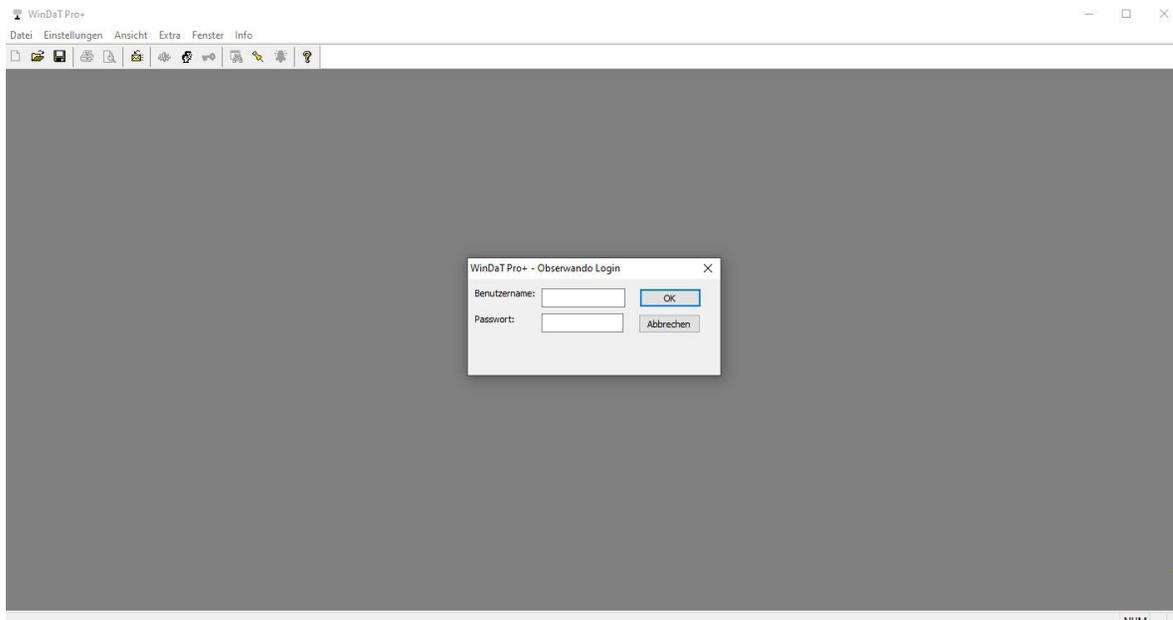


Manual

WinDaT Pro+



Version: 6.0.0.0

13.09.2024

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1. In advance

1.1. Introduction

WinDaT Pro+ is a modular built-on software, which basic version is usable for normal transfer of data without registration with the provided USB-Dongle-cable.

All extra functions (e.g. WinDaT-Key, WinDaT-Server or WinDaT-ATS) are available via the USB-Dongle-cable. With the serial number and an appropriate registration code extra functions in WinDaT Pro+ can be activated. The USB-Dongle-cable takes on the functions of the WIBU-Dongle, which has been used up to now. If you already use a WIBU-Dongle or the connection cable „Dongle-XXX-01“ (red marked cable), of course, you can carry on using them as well.

Not registered functions are locked in the program „WinDaT Pro+“ and displayed in grey colour.

The program **WinDaT Pro+** evaluates collected data from the DaTsystems (e.g. miniDaT, miniDaT RC, miniDaT Key, ...). Simultaneous the program provides readout resp. programming of electronic keys of an electronic key-system (miniKey, miniDaT Key, ..), for printout as well as for configuration of the required settings in the DaT-device.

The USB-Dongle-cable is required for the data interchange with the DaT-device. The data interchange occurs via an USB-port of your computer.

1.2. Installation

Installing WinDaT Pro+ for Windows administrator rights are necessary. For installation follow the instructions:

1. Close all other programs on your PC
2. Download the WinDaT Pro+ setup
3. Install the setup
4. Follow the instructions on your screen and confirm every popped up query. When you choose the installation directory you have the possibility to select the directory recommended by the program or to determine freely, where the program should be installed.

1.3. Installation of the USB-Dongle-cable

If you use an USB-Dongle-cable, after installation of WinDaT Pro+ insert the cable into a free USB-port of your PC.

Shortly afterwards the window „found new hardware wizard“ should appear on your screen. With the query concerning „Windows Update“, mark the item „No, not this time“.

Click on the button „Next“. In the next window choose the option „Install the software automatically“.

After installation of the driver for the USB-Dongle-cable you can start „WinDaT Pro +“.

1.4. Manual

In the folder „WinDaT Pro+“ in the start menu, which you can select via the start button, a link for the operating manual was created by the setup-file.

Additionally it is possible to open the operating manual via the menu „Info - Manual“ within the program „WinDaT Pro+“.

1.5. Language installation

After installation WinDaT Pro+ starts in British English. For switching over to US-English, choose „Language“ inside the main menu „Setup“. In the window, which is opened up, choose e.g. „US English“ within the Pull-Down-Menu and click „OK“.

The correct language is installed, after restarting WinDaT Pro+.

1.6. MapPoint installation

Please read the file „Info.htm“ on the CD MapPoint during installation of MapPoint.

1.7. System Requirements

Software required:

Windows 98 / 2000, Windows NT, Windows XP, Windows Vista

Attention:

For installation of the program MapPoint Windows 98 / NT / 2000 / XP or Vista is required.

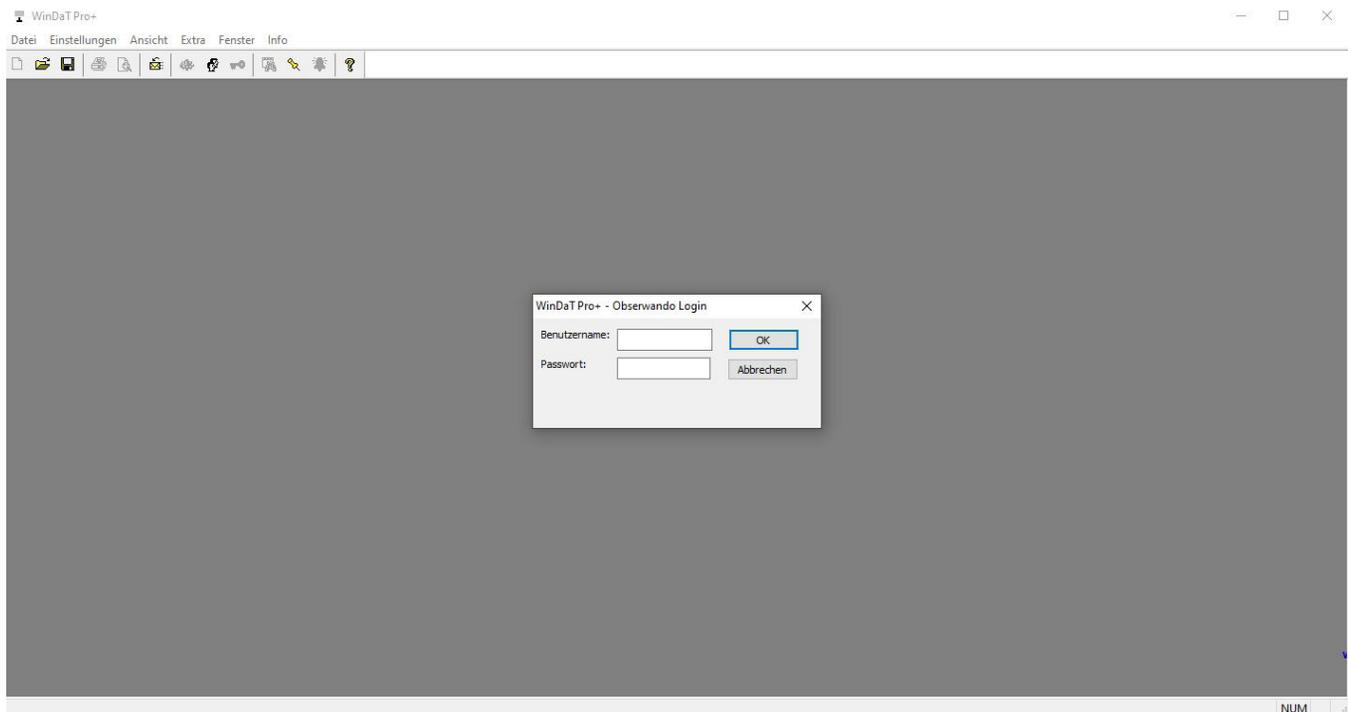
2. System Setup

2.1. Main Menu

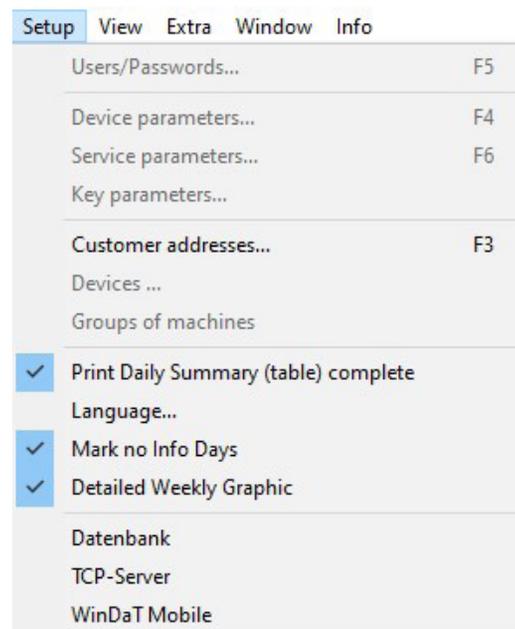
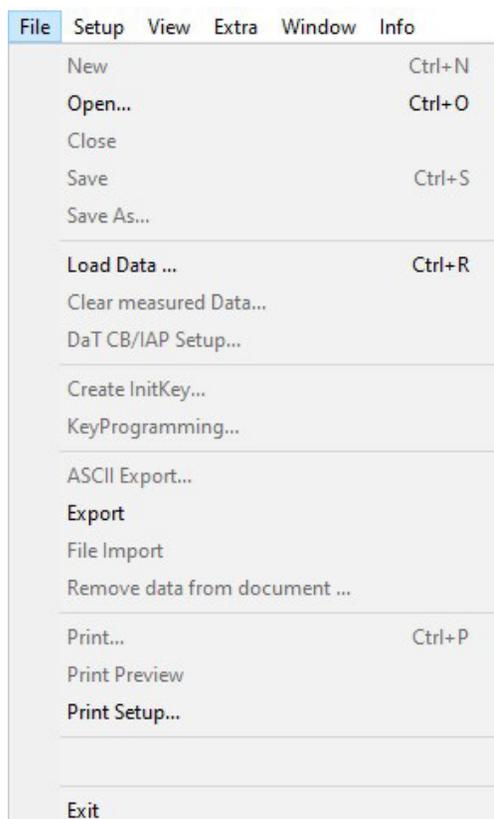
After starting **WinDaT Pro+** the following screen will be displayed.

Please enter your user name and password first.

The login details for WinDaT pro+ are the same as for Obserwando.de.



From the startup screen of **WinDaT Pro+** you can select the following functions:

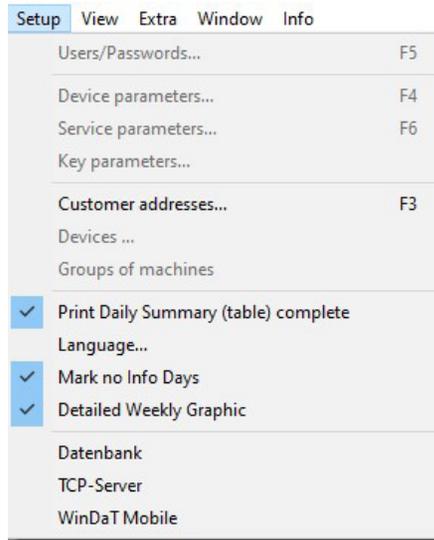


Some of the functions you will get via the tool bar.

The function of the single menus will be explained in details on the following pages. We don't go further into the Standard Windows functions (view, window, info).

2.2. Setup

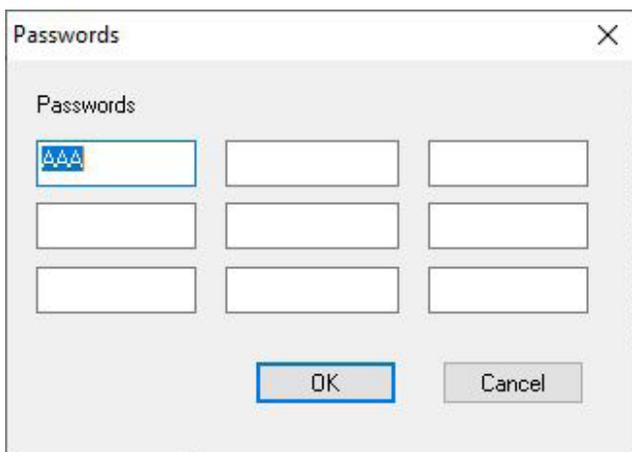
By selecting „Setup“ on the main menu the following menu turns up:



Now you can edit the following settings.

2.3. Users / Passwörter... F5

After selection of the menu „Users/Passwords“ the window „passwords“ displays all passwords currently available for WinDaT Pro+:



Passwords in WinDaT Pro+ are necessary for each data transfer between WinDaT Pro+ and a DaT device.

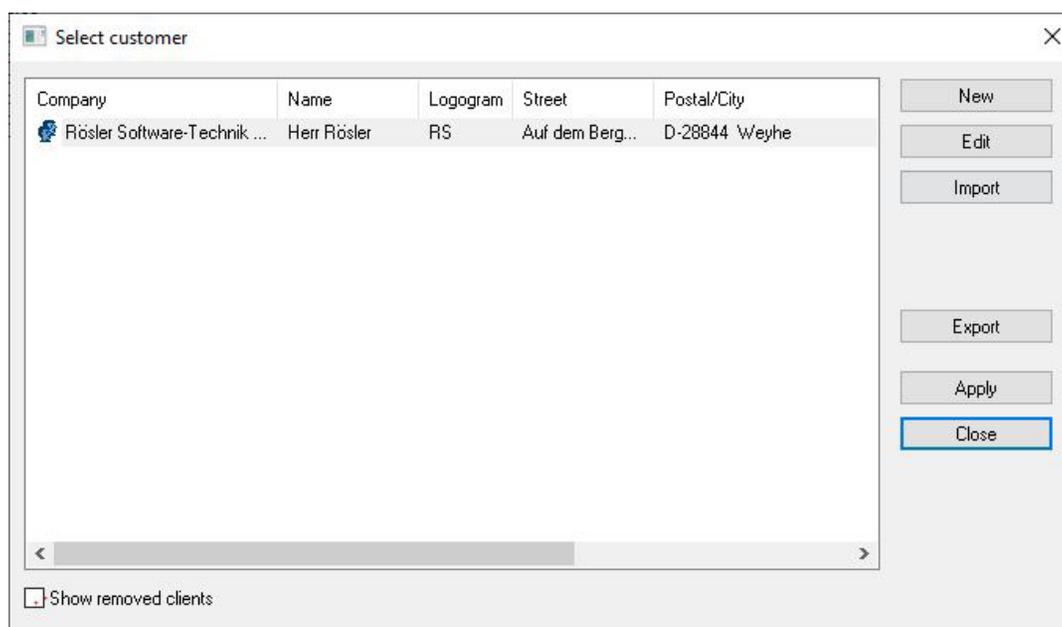
The passwords are also required to open transferred data from the Collecting Box into WinDaT Pro+, as well as for opening the saved files. Recorded data are loaded without a listed password, but couldn't be opened until entering a valid password. The password on delivery for each DaT device is **AAA**.

More information about passwords resp. password-changing you will find in the chapter „Device parameters“.

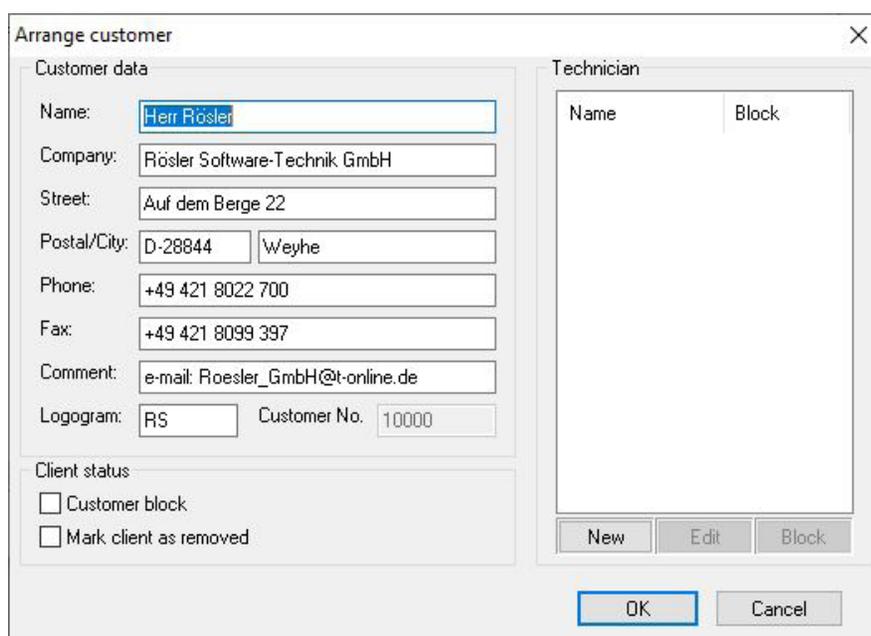
In the menu „Setup“ - “passwords“ you have to enter your own passwords. The password list displayed above will only be available, if you enter one of your own passwords, while this window opens. The default password „AAA“ will be excluded.

2.4. Customer addresses... F3

WinDaT Pro+ includes a small database for storing addresses of your customers. By selecting „Customer addresses“ the following screen is displayed.



When you mark a line of an existing address and select „Edit“ or double-click on a line the following screen is displayed: change an address:



For key programming it's absolutely necessary to enter a Logogram and a company name (see WinDaT Pro-Key).

A Customer No. is assigned automatically from WinDaT Pro+ and needn't to be entered.

Within the window „Arrange customer“ you have the possibility of setting up a technician, who is associated with a customer, resp. to create an additional technician or block an existing one. You can enter a new customer or edit an existing one.

Arrange customer

Customer data

Name: Herr Rösler

Company: Rösler Software-Technik GmbH

Street: Auf dem Berge 22

Postal/City: D-28844 Weyhe

Phone: +49 421 8022 700

Fax: +49 421 8099 397

Comment: e-mail: Roesler_GmbH@t-online.de

Logogram: RS Customer No. 10000

Client status

Customer block

Mark client as removed

Technician

Name	Block
Meyer	
Müller	
Schmidt	20/04/2023

New Edit release

OK Cancel

For more information about blocking single technicians or customer go to the section „WinDaT Key“. Blocked or deleted customer addresses are appropriately marked within the window „Select customer“ (Customer starting screen). It is also possible to hide deleted customer addresses.

Select customer

Company	Name	Logogram	Street	Postal/City
Rösler Software-Technik ...	Herr Rösler	RS	Auf dem Berg...	D-28844 Weyhe
Test	Test	Test		

New Edit Import Export Apply Close

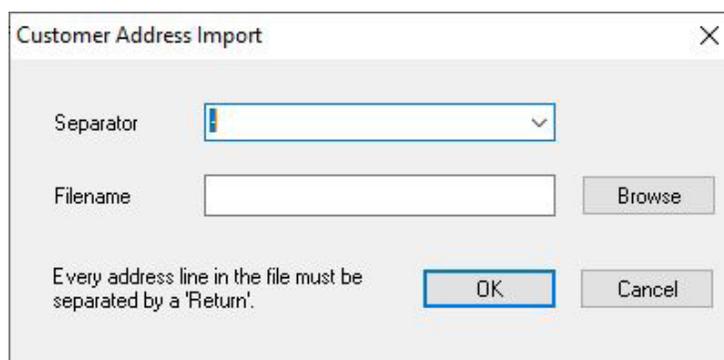
Show removed clients

Within an open data record of a device, you can select an address and choose the button „Apply“. The selected customer with name and address will appear in the title bar of the „data record“, on the screen as well as on the printed lists „Daily summary“ and „Weekly summary“.

If you select „**Import**“ you can get customer addresses from an external data base. The following ASCII-format must be used:

Name, First name, Postcode, City, Street and housenumber, telephone, fax, contact

Every address line must be separated by a „Return“.



Customer Address Import

Separator

Filename Browse

Every address line in the file must be separated by a 'Return'.

OK Cancel

Data must be separated by the following separators:

: ' . / ; \ _

Each data record has to be completed with a „Return“. The end of ASCII-file has to be closed with a „Return“.

If you want to import customer addresses from an external data base, select „Import“. In the menu „Customer Address Import“ with the field „Separator“ you can select a separator, you want to use, by opening the sub-menu of this panel. Furthermore choose the accordant file „ASCII“ containing the formatted customer data. Press „OK“ to import the data. New data will be appended to the WinDaT database.

2.5. Export

In order to make the customer addresses available for other applications, e.g. MS Excel, they can be exported. To do this, click on the „Export“ button.



Now click on the „...“ button and set the desired target directory.

If desired, enter a separator of your choice or use the default | character.

Click on „OK“ to start the export process. WinDaT Pro+ issues a message when the export has been completed. You will now find the „WinDaT Customer Addresses.txt“ file in the previously set target directory.

2.6. Language

The software WinDaT Pro+ is delivered as an English version. For using another language, the following steps are necessary:

Select the menu „**Setup**“ – „**Language**“ and choose a language, you want to use. The languages German, English, French, Danish, Italian, Dutch, Spanish, Portuguese, as well as an USA-version are available.

The software can also use other languages not shipped with the product.

Attention:

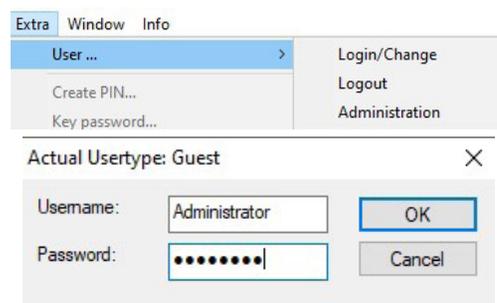
WinDaT Pro+ must be restarted to be displayed with the selected language.

2.7. User Administration

WinDaT Pro+ include an user administration. There are four different user types: guest, scheduler, technician, administrator. Starting of WinDaT Pro+ you are registered automatically at first as a guest.

For logging on or changing the active user select the window „Actual Usertype: Administrator“ via the menu „Extra / User / Login/Change“. Enter your username and password:

There is the pre-installed user „**Administrator**“ with the password „**standard**“. Only one user with administrator-rights can use entirely WinDaT Pro+. You will find an overview of user rights in detail at the end of this section.



After logging in as administrator, you can go to the user administration by choosing „Administration“ in the submenu.

For safety reasons the user data are queried once again.

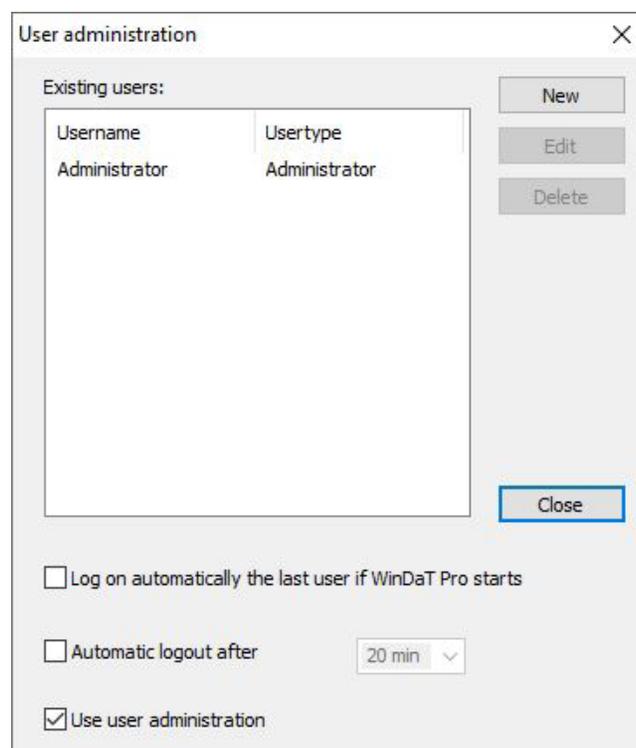


In the user administration the existing users as well as the respective user type are shown. Furthermore you can build new users, resp. edit or delete present users.

At first start of WinDaT Pro+ the user administration is deactivated at basic setting. If you want to use the user administration, the option „Use user administration“ must be activated.

We would recommend first of all changing the administrator password.

Mark the user „administrator“ und select „edit“.



Enter the new password in the window „Edit user“ and confirm this password. Click on „OK“ for applying the changes.

The same window will be opened if you choose the button „New“ or „Edit“ for creating a new user or editing an existing user. You will also get a brief description of the selected user type.

For logging off select in the menu „Extra / User“ the function „Log out“. After a successful log out the user type will be „guest“ again.

To change active user select via the menu „Extra / User“ the window „Login / Change“. Please log on within this window. Then choose the sub-menu „Administration“. In the pop-up window „Check of login data“ you have to confirm your username and password. Click on „OK“. Now in the menu „User administration“ you can change an active user. This function won't be available, if WinDaT-ATS is activated.

In order to be logged on again automatically at the next start of WinDaT Pro+, activate the option „Log on automatically the last user if WinDat Pro+ starts“. If WinDaT-ATS is activated, this function will not be available.

If WinDaT-ATS is activated, an user of the type „disponent, technician or administrator“ will be logged out automatically according to the adjusted time interval next to the field „Automatic logout after“. After automatic logoff the user type is „guest“.

If WinDaT-ATS is not activated, the option „Automatic logout after“ will be adjustable and a larger choice of time intervals will be available.

The following table provides an overview of the different user types` rights. Functions of WinDaT Pro+, that are not given in the schedule, are available for all users.

	Guest	Disponent	Technician	Administrator
Saving data		X	X	X
Init-Key			X	X
Programming a key		X	X	X
File-Import		X	X	X
Ascii-Export		X	X	X
Fuel-Data-Export		X	X	X
Settings Fuel-Export		X	X	X
CB/ IAP-Setup			X	X
Delete data from document		X	X	X
Delete data (device)		X	X	X
passwordlist				X
Device parameters			X	X
Service-Parameters		X	X	X
Key-Parameters		X	X	X
Customer-Administration	X	X	X	X
- new, edit, Import, Block-Key		X	X	X
Groups of devices			X	X
Key password				X
Data directory				X
Device state		X	X	X
- ATS-Parameters			X	X
- (De)activation		X	X	X
Initialise a key		X	X	X
Registration				X
Hardware-Update			X	X
User-administration				X
Interface-configuration			X	X
ATS-distributor			X	X
GSM Modem Setup			X	X
Pick up SMS		X	X	X
Alarm-messages		X	X	X
ATS-messages		X	X	X
Analysis-messages		X	X	X
Tracking-SMS		X	X	X
Creating a working area			X	X

3. Data transfer

3.1. Basic information about data transfereung

To transfer data between a DaT-system / DaT-CB and WinDaT Pro+ and your PC you need the USB-Dongle-cable. This cable has to be plugged into the correct connector of the DaT and connected to an USB-port of your computer.

A data transfer is initialised and started by WinDaT Pro+. During data transfer the updated state of transfer is outputted on the screen. If you want to transfer data into a miniDaT, besides you need the delivered miniDaT-adapter (**changing round connector to D-Sub connector**). Please ask your DaT-merchant, if you have any questions.

3.2. Serial Configuration

External devices (e.g. modem, ELKey-PG) can't be connected to your PC via the USB-Dongle-cable. For these devices you need a serial port on your computer. In the menu „Extra“ - „Serial Configuration“ you can assign every external device (e.g. a modem) to a serial interface for data transfer. The menu also turns up with a click on „configuration“ in the window „Load Data from DaT device“ to find via the menu „File“ - „Load Data“ or in the window „Select connection“ via the menu „Extra“ - „Devicestate“. You can also select this window with a click on the button „OK“ in the „Device parameters“ and then again via the button „configuration“.

The screenshot shows the 'Serial Configuration' dialog box. It is divided into three main sections: 'Activate Serial Port', 'USB', and 'TCP/IP'.
 - **Activate Serial Port:** Contains eight rows for COM ports (Com 1 to Com 8). Each row has a dropdown menu set to 'DaT Standard', a checkbox for 'Auto receive', and a checkbox for 'Automatisch auslesen'. To the right of the 'Automatisch auslesen' checkboxes, there is a label 'automatisch auslesen von' followed by a dropdown menu showing '00:00' and the word 'bis' below it.
 - **USB:** Contains two rows for USB ports (USB 1 and USB 2). Each row has a dropdown menu set to 'DaTStandard' and a checkbox for 'Auto receive'.
 - **TCP/IP:** Contains a 'Port:' label followed by a text box containing '4000' and a checkbox for 'Auto receive'.
 At the bottom right, there are 'OK' and 'Cancel' buttons.

Different types of equipment are available inside the pull down menu. Please choose “DaT Standard” or “DaT Support for all DaT’s” if a DaT-device should directly be connected to the serial interface.

“DaT Support for all DaT’s” supports besides all recent DaT-equipment as well the very first versions.

Also available are some analog resp. wireless modems. More information about modem setup you will find in the chapter „Various Functions“.

“ELKey PG” and “ELKey PG V2“ must be selected for programming keys of miniDaTKey-shock resp. miniKey (see optional WinDaT-Key functions).

Attention:

Any standard analog modem could be used with WinDaT Pro+.

With an ISDN-landline internal ISDN-card from the firm AVM (Fritz!Card) as well as external ISDN-modems should be used, which support the protocol V.34 for analog data transfer (e.g. Elsa Microlink ISDN/TL V.34). For using an internal ISDN-card a CAPI port driver has to be installed to allocate a serial interface to the ISDN-card.

Normally this driver could be found on the web site of the manufacturer.

For other possible devices for data transfer please see in the configuration menu.

3.3. Data Directory

All loaded data of a device are additionally stored in an history file.

During data transfer this file is automatically installed.

Attention: For the device an „internal number“ has to be assigned, because from this number the file name of the history file is formed.

The place, where the data are stored, is installed in the menu „**Extra**“ – „**Data Directory**“. You will find the history files in the subdirectory „DeviceDb“.



3.4. Load Data... Ctrl+R

After selecting this menu the following screen is displayed:

After choosing the active interface data transfer between the DaT or the Collecting Box and the PC can be started. In the pull down menü next to the field „Configuration“ choose „DaT Standard (USB1)“. This option will only be available, if the USB-Dongle-cable is connected to your computer.

The fields „Internal No“ and „Data Transfer Number“ will only be activated, if for the active interface a modem is chosen.

All recorded data from the device will be transferred, if the function „Load all data“ is activated. Even if in the window “Device parameters” – „Basic Settings“ “Read only new data“ is set (see chapter „Device parameter“).

After a successful data transfer from a DaT-system data are displayed in the main menu as shown in the picture below. In the following window imported device data are mapped:

	Start	Stop	Total
Monday	--	--	0.00
Tuesday	--	--	0.00
Wednesday	--	--	0.00
Thursday	--	--	0.00
Friday	16:27	20:11	3.41
Saturday	--	--	0.00
Sunday	--	--	0.00
Total	--	--	3.41

After evaluation you can save the data with the function

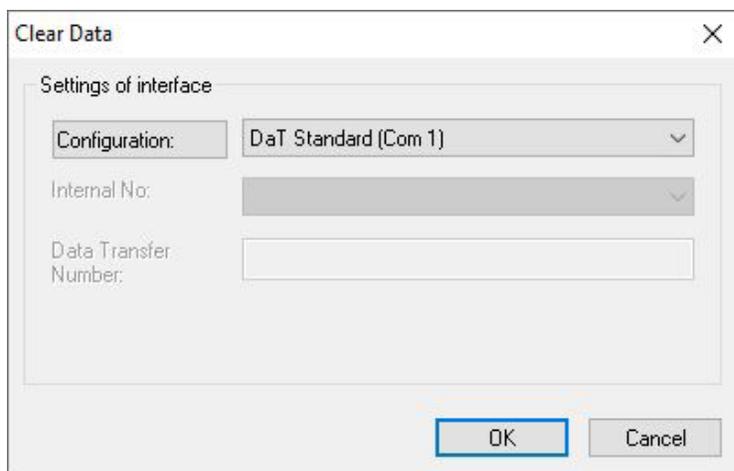
 **Save Ctrl + S**

An additional file will be generated, because the data are added automatically to the machine history file.

Attention: The password is not required for data transfer but for any data analysis of recorded data. View of data will only be possible, if the password corresponds with one password of your list. Without a correct password, data are locked and won't be displayed (see chapter „various functions“, „password protection“).

3.5. Clear Data

After selecting „Clear Data“ in the menu „File“ all recorded daily data in the DaT connected to the serial interface can be cleared.



Device settings aren't affected by the erasing procedure.

4. Evaluation of Collected Data

4.1. Weekly report

Before you can analyse data, which are recorded with the DaT, they have to be opened or loaded into WinDaT Pro+. You can choose two ways of loading data and opening them in WinDaT Pro+:

Open Ctrl+O -> Load data from a file.

Load Data Ctrl+R -> Download data from a DaTSystem or the Collecting Box connected to the serial port of the computer.

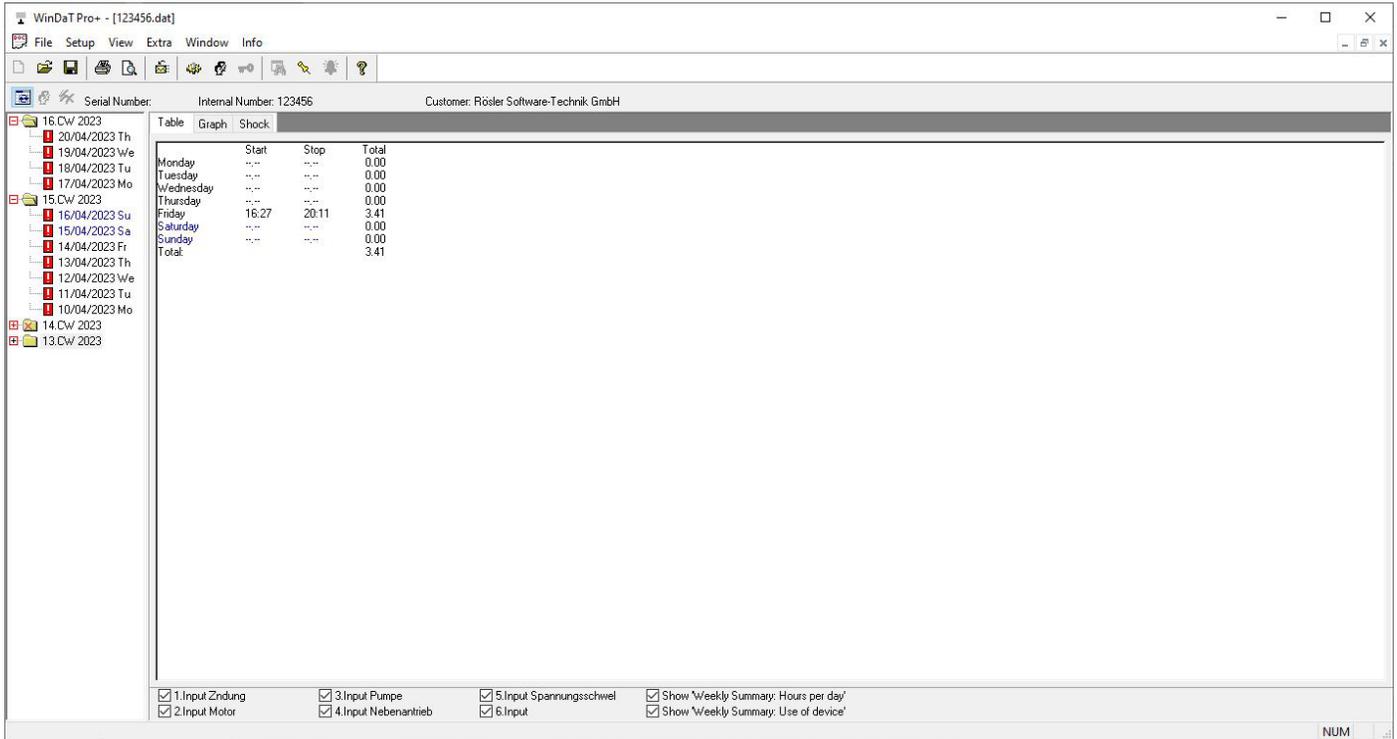
The following describes how to open a file. To do this, go to „File“ - „Open“ - „Ctrl+O“ in the menu bar or click the corresponding button in the button bar.



Open Ctrl+O

WinDaT Pro+ now automatically opens the central data directory with the subfolder „Device Db“. Select the desired file.

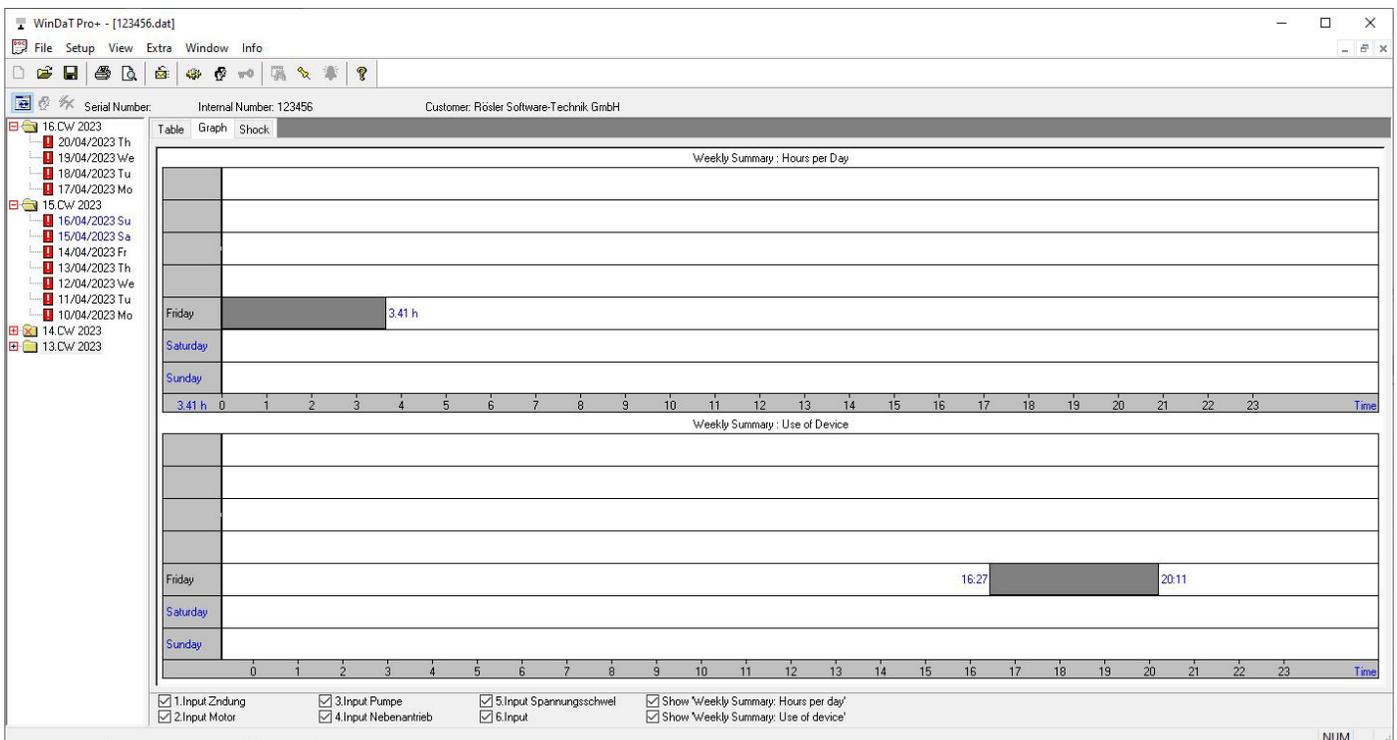
Thereupon the following is displayed:



The weekly overview is shown with the selected week marked.

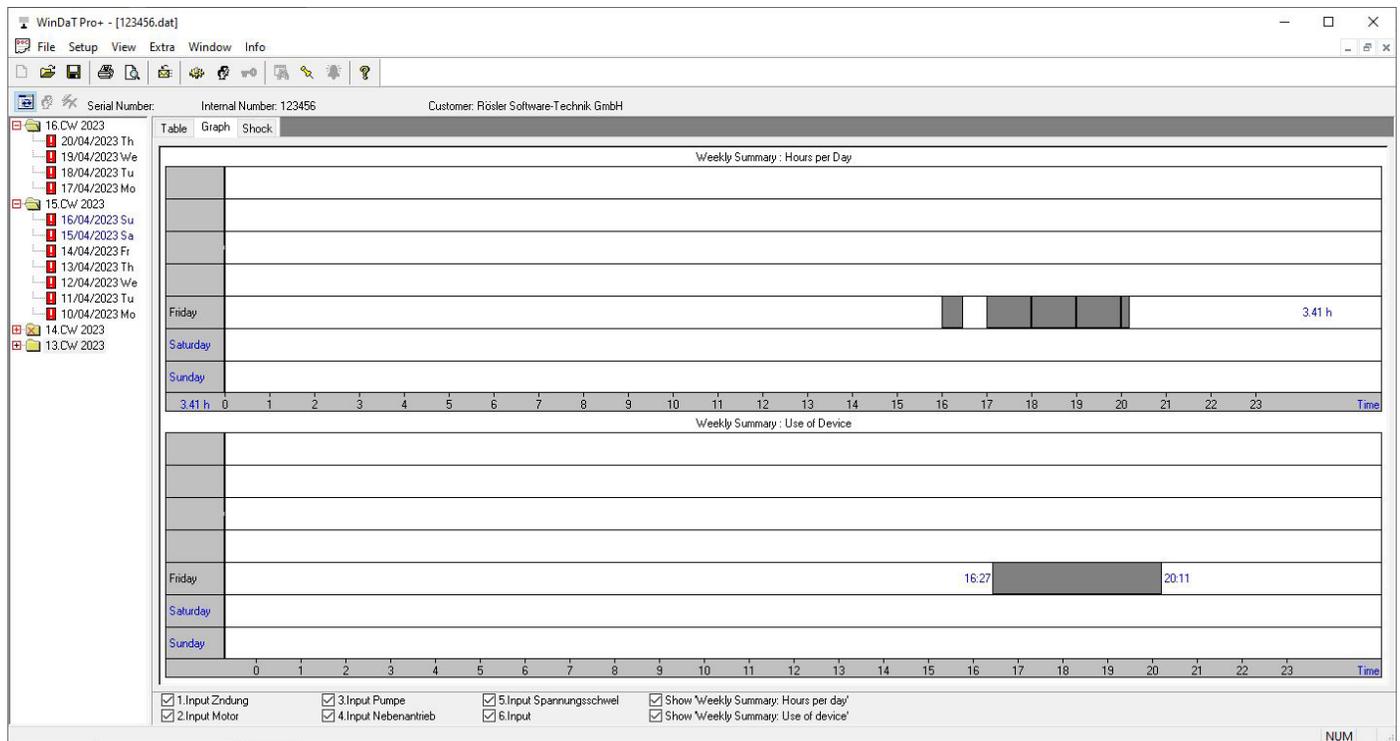
With the corresponding check boxes on the bottom of the screen you can choose the channels, which are temporally regarded in the schedule. Displayed in **red** colour:
The machine has worked more than nine hours per day.

Via the register „graph“ you will get a graphical display of the data:



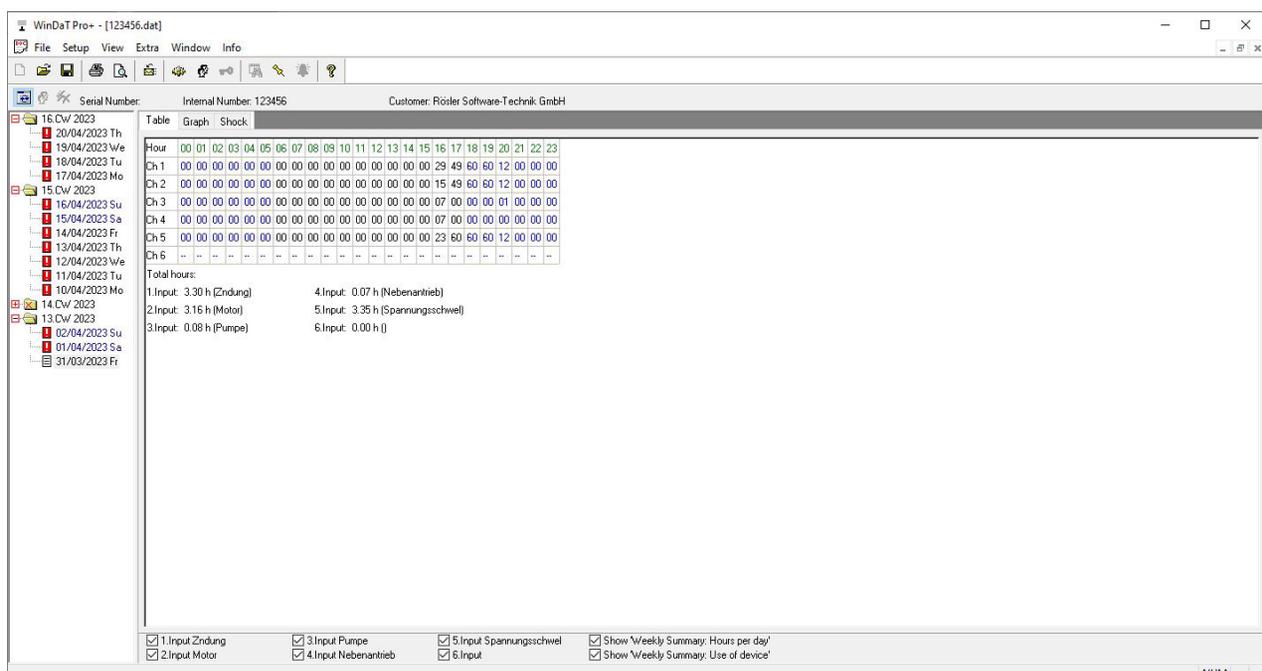
As well in this menu you can vary the indicated active channels. For an optimised graphical display you need a screen resolution of at least 800 * 600.

If you activate the option „Detailed Weekly Graphic“ in the menu „Setup“, you will get detailed information about recorded machine uptimes:

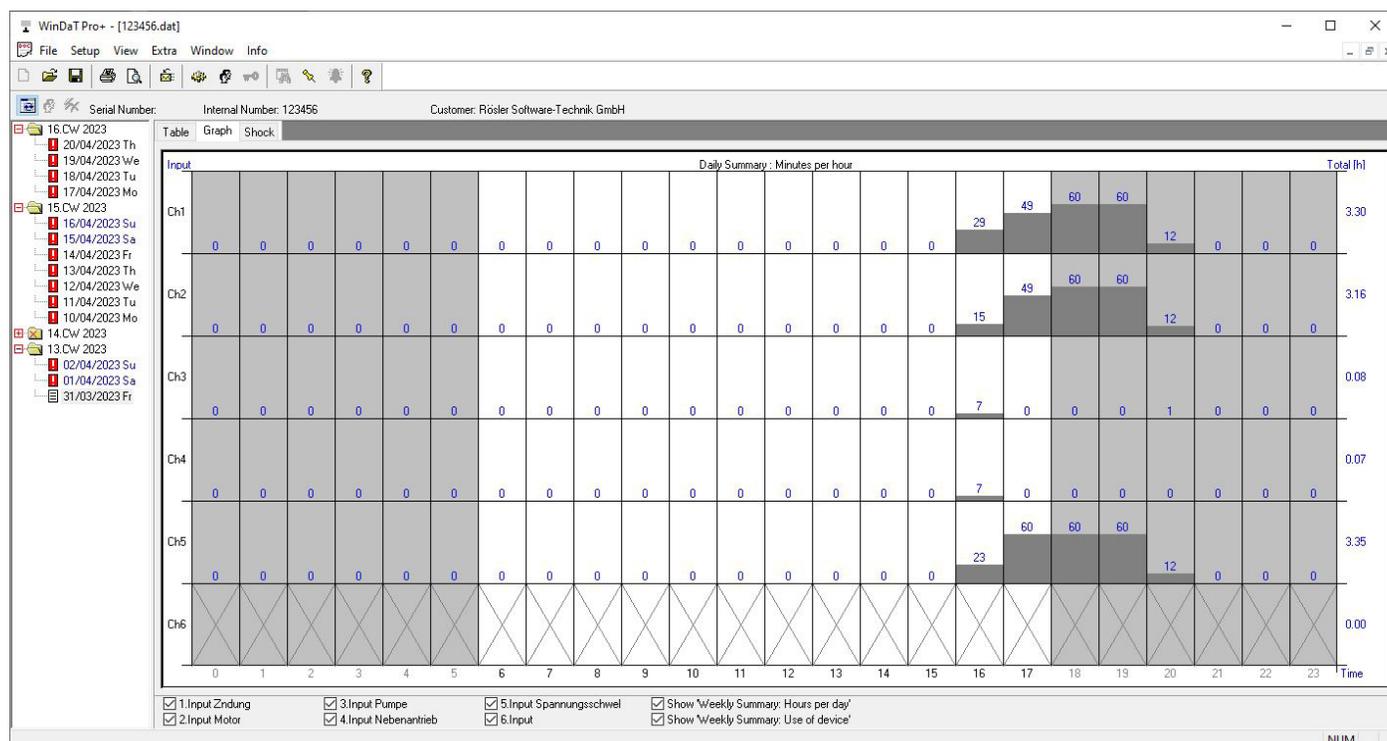


4.2. Daily report

To display collected data of each channel for a **daily report**, click on the „+“ in front of the week or do a doubleclick on the week containing the information within the register „Table“. Then click on the desired day. Data are displayed as follows:



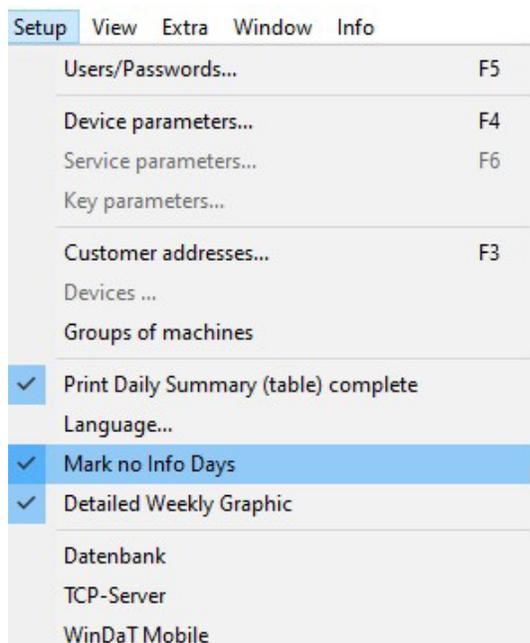
Via the register „Graph“ you will get a graphical display of the data:



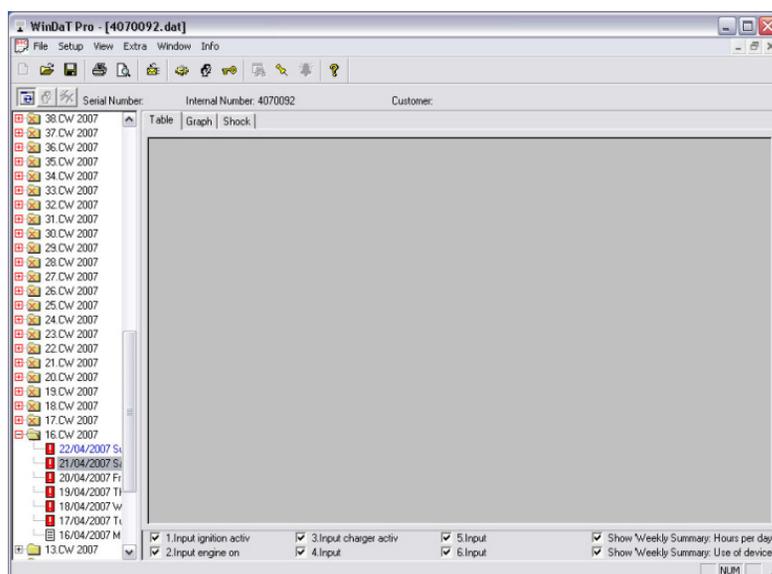
Channels without recorded hours of operation are inexistent in the DaT-device or the machine was switched off at that time. In the scheduler display (register Table) it's indicated with a „ – „, and in the graphical mode (register Graph) by a „ x „.

4.3. Display of missing data

In the menu „Setup“ you will find the menu item „Mark no Info Days“.



If this option is activated, after opening a file in the tree view the „minus“ resp. „plus“-sign will appear in a red square in front of the week in case of weeks containing days, which have no information. They are days with missing data. If you open the diurnal data of such a week in the tree view, you can see that days without information are marked with a red exclamation mark:

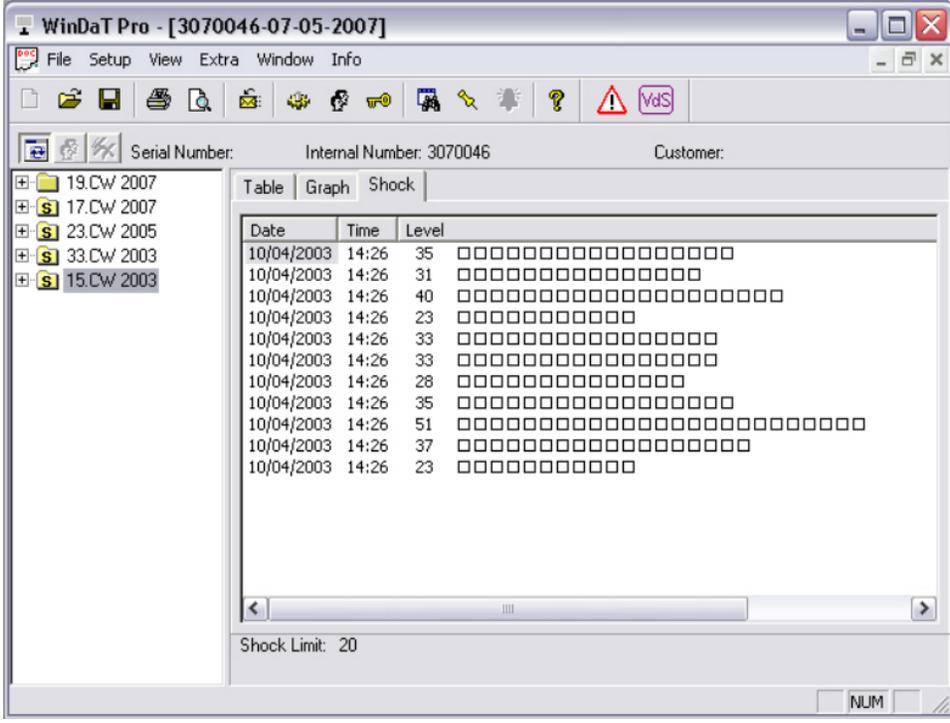


As no information is existent for the marked day, you won't get neither a scheduler nor a graphical display. If days without information shouldn't be displayed, please deactivate this setting again. When you use the WinDaT-Server (refer to the chapter „WinDaT Pro+-Server“ the section „Auto receive“) it's especially helpful to mark days without information.

When the data from the appropriate device are loaded, days, which were marked before, are displayed ordinarily again, because now information exists for these days.

4.4. Recorded shocks

If data from miniDaT-shock or miniDaT Key-shock (former LCCK-shock) are imported, additionally recorded shock-data could be displayed. Days and weeks, when shocks have been recorded, are marked with a „s“ in the report. The occurred shocks are shown for the marked days or weeks.



4.5. Print recorded data

For printing collected data of single or several days or weeks, at first they have to be marked within the check boxes on the bottom of the screen (for a multi-choice please hold „ctrl“pressed and then mark the desired days with your mouse). Following you can select the button „print“ () in the tool bar for starting the printout. Via the nearby button „print preview“ () you can check the print result before printing. These commands you will also find via the menu „File“ - „Print“ resp. the shortcut „Ctrl + P“ .

The channels for print out are chosen in the screen view as follows:

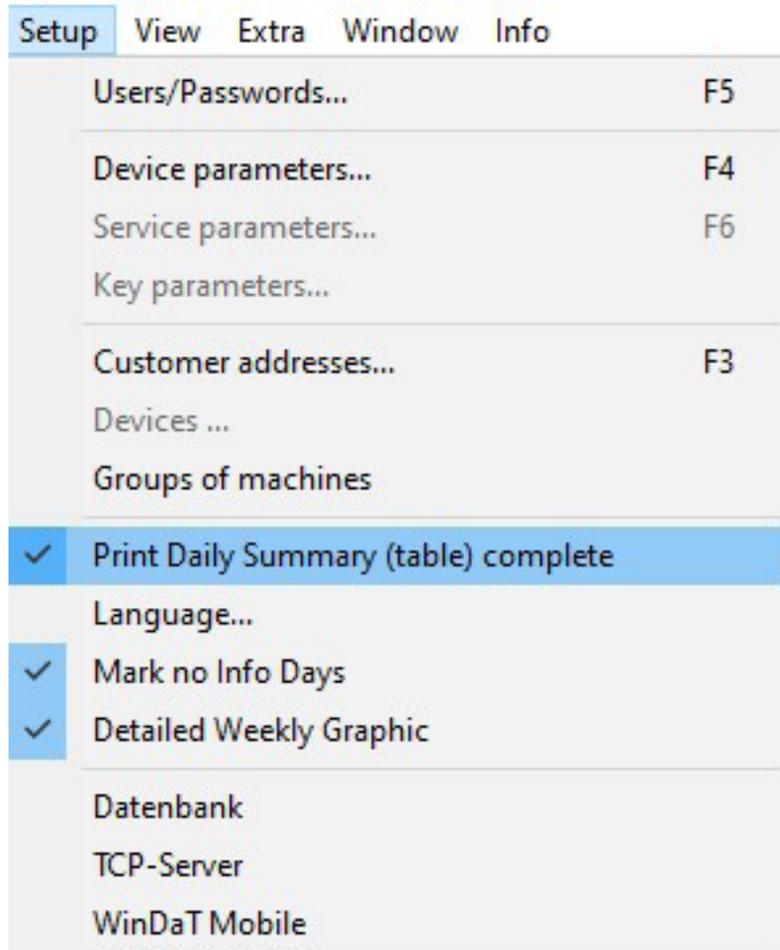
All selected channels are added and printed (see Table 1 3).



Only channel 1 is added and printed. (see Table 4 6)



With the selection „Print Daily Summary (table) complete“ you can choose the type of the printed information:



If this option is activated, during printout you get a detailed schedule of all selected channels (see table 2 and 6). Otherwise a schedule including only start and end of work of the respective days (see table 3 and 5) is printed.

On the next pages you will find examples for your printout of daily summary and weekly report. In the graphical overview of the weekly report the days are only listed, on which channels were active, i.e. on which the machines have been used.

Table 1

Weekly overview,
all channels

Weekly Summary Page 01 from: 19/05/2008 to: 25/05/2008

Company : Rösler Software-Technik GmbH
 Street : Auf dem Berge 22
 City : D-28844 Weyhe

File :

Manufa: JLG, SerNo: 48, IntNo: 6090038

Ch1:Ignition activCh2:Engine on Ch3:Platform up
 Ch4: Ch5: Ch6:

21. CW - from 19/05/2008 to 25/05/2008:

Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Total
--.--	--.--	2.50	3.21	2.25	--.--	--.--	8.36 h

Table 2

Detailed daily
summary,
all channels

Daily Summary Page 01 from: 21/05/2008

Company : Rösler Software-Technik GmbH
 Street : Auf dem Berge 22
 City : D-28844 Weyhe

File :

Manufa: JLG, SerNo: 48, IntNo: 6090038

Ch1:Ignition activCh2:Engine on Ch3:Platform up
 Ch4: Ch5: Ch6:

Hour Input:	Using					
	1	2	3	4	5	6
00-	--	--	--	--	--	--
01-	--	--	--	--	--	--
02-	--	--	--	--	--	--
03-	--	--	--	--	--	--
04-	--	--	--	--	--	--
05-	--	--	--	--	--	--
06-	--	--	--	--	--	--
07-	--	--	--	--	--	--
08-	--	--	--	--	--	--
09-	00	00	00	--	--	--
10-	09	09	09	--	--	--
11-	44	39	39	--	--	--
12-	52	52	52	--	--	--
13-	34	34	34	--	--	--
14-	31	31	31	--	--	--
15-	--	--	--	--	--	--
16-	--	--	--	--	--	--
17-	--	--	--	--	--	--
18-	--	--	--	--	--	--
19-	--	--	--	--	--	--
20-	--	--	--	--	--	--
21-	--	--	--	--	--	--
22-	--	--	--	--	--	--
23-	--	--	--	--	--	--
Total	2.50	2.45	2.45	0.00	0.00	0.00

Table 3

Daily summary,
only start and
finish of the time
all channels

```

Daily Summary      Page 01      from: 21/05/2008  to: 21/05/2008
-----
Company           : Rösler Software-Technik GmbH
Street            : Auf dem Berge 22
City              : D-28844 Weyhe

File              :

Manufa: JLG, SerNo: 48, IntNo: 6090038

Ch1:Ignition activCh2:Engine on      Ch3:Platform up
Ch4:                                Ch5:          Ch6:
-----

We 21/05/2008..... 10:23 - 14:31 (04:08)
    
```

Table 4

Weekly overview,
only channel 1

```

Weekly Summary    Page 01      from: 19/05/2008  to: 25/05/2008
-----
Company           : Rösler Software-Technik GmbH
Street            : Auf dem Berge 22
City              : D-28844 Weyhe

File              :

Manufa: JLG, SerNo: 48, IntNo: 6090038

Ch1:Ignition activCh2:(Engine on)    Ch3:(Platform up)
Ch4:()                                Ch5:()          Ch6:()
-----

21. CW - from 19/05/2008 to 25/05/2008:
Mo.   Tu.   We.   Th.   Fr.   Sa.   Su.   Total
--.-- --.-- 2.50  3.21  2.25  --.-- --.-- 8.36 h
-----
    
```

Table 5

Daily summary,
only start and
finish of the time
only channel 1

```

Daily Summary      Page 01      from: 21/05/2008  to: 21/05/2008
-----
Company           :
Street            :
City              :

File              :

Manufa: JLG, SerNo: 48, IntNo: 6090038

Ch1:Ignition activCh2:(Engine on)    Ch3:(Platform up)
Ch4:()                                Ch5:()          Ch6:()
-----

We 21/05/2008..... 10:23 - 14:31 (04:08)
    
```

Table 6
Detailed daily
summary,
only channel 1

Daily Summary Page 01 from: 21/05/2008

Company : Rösler Software-Technik GmbH
 Street : Auf dem Berge 22
 City : D-28844 Weyhe

File :

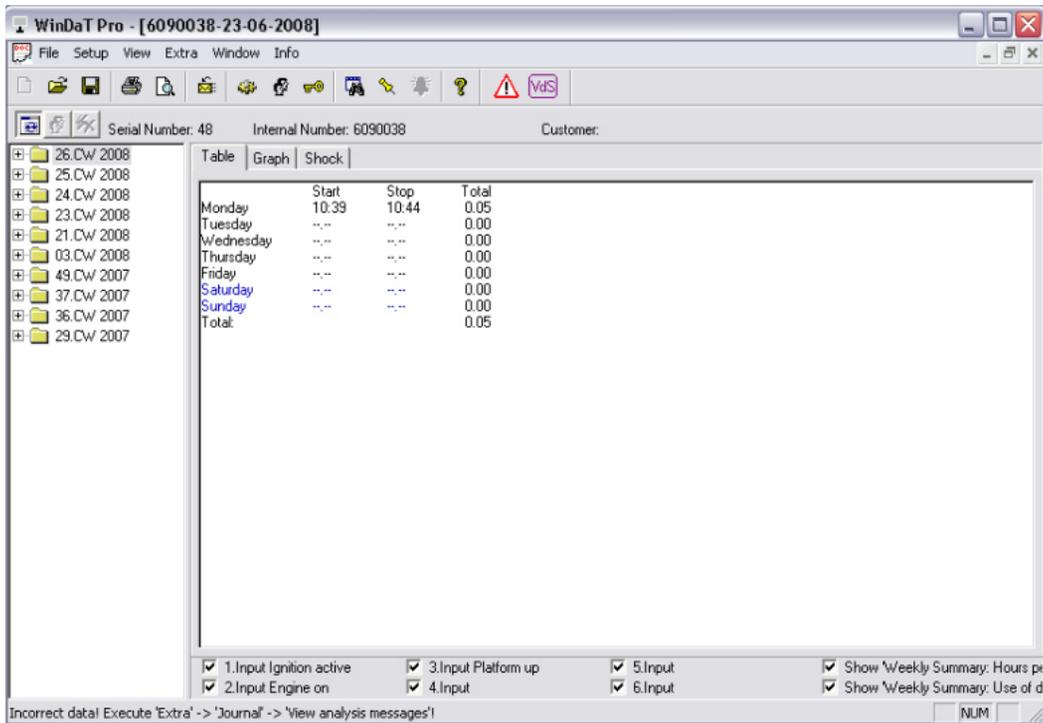
Manufa: JLG, SerNo: 48, IntNo: 6090038

Ch1: Ignition activ Ch2: (Engine on) Ch3: (Platform up)
 Ch4: () Ch5: () Ch6: ()

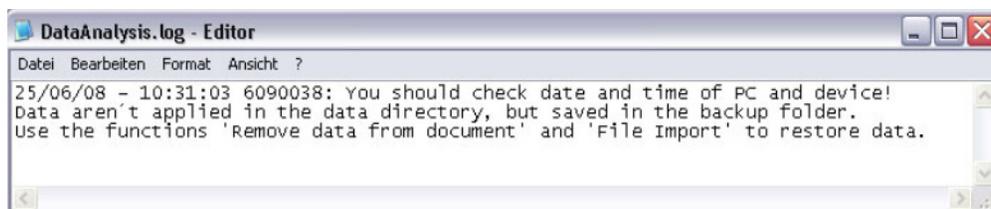
Hour	Using					
	1	2	3	4	5	6
Input:						
00-	--					
01-	--					
02-	--					
03-	--					
04-	--					
05-	--					
06-	--					
07-	--					
08-	--					
09-	00					
10-	09					
11-	44					
12-	52					
13-	34					
14-	31					
15-	--					
16-	--					
17-	--					
18-	--					
19-	--					
20-	--					
21-	--					
22-	--					
23-	--					
Total	2.50	0.00	0.00	0.00	0.00	0.00

4.6. Daily data analysis

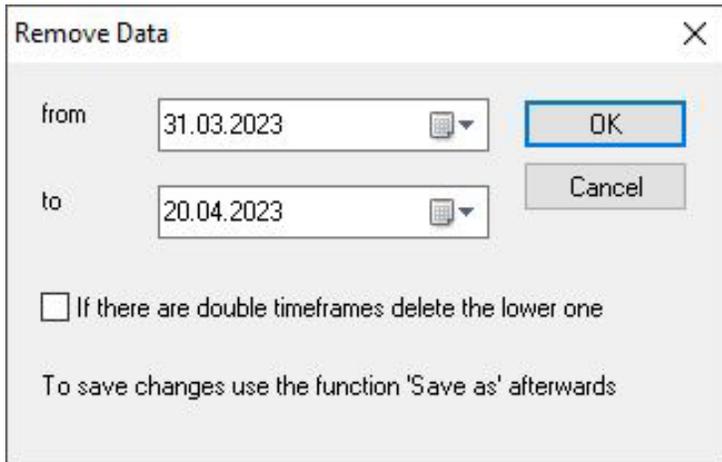
WinDaT Pro+ analyses transferred diurnal data for dissonant data concerning the date. If days with wrong date are sensed within the data a blinking text will be indicated in the WinDaT Pro+ status bar. With it you are asked to open the analysis messages via the menu „Extra“, „Journal“.



The analysis messages provides information for you about the location of your data as well as the options for repairing resp. restoring of the data:

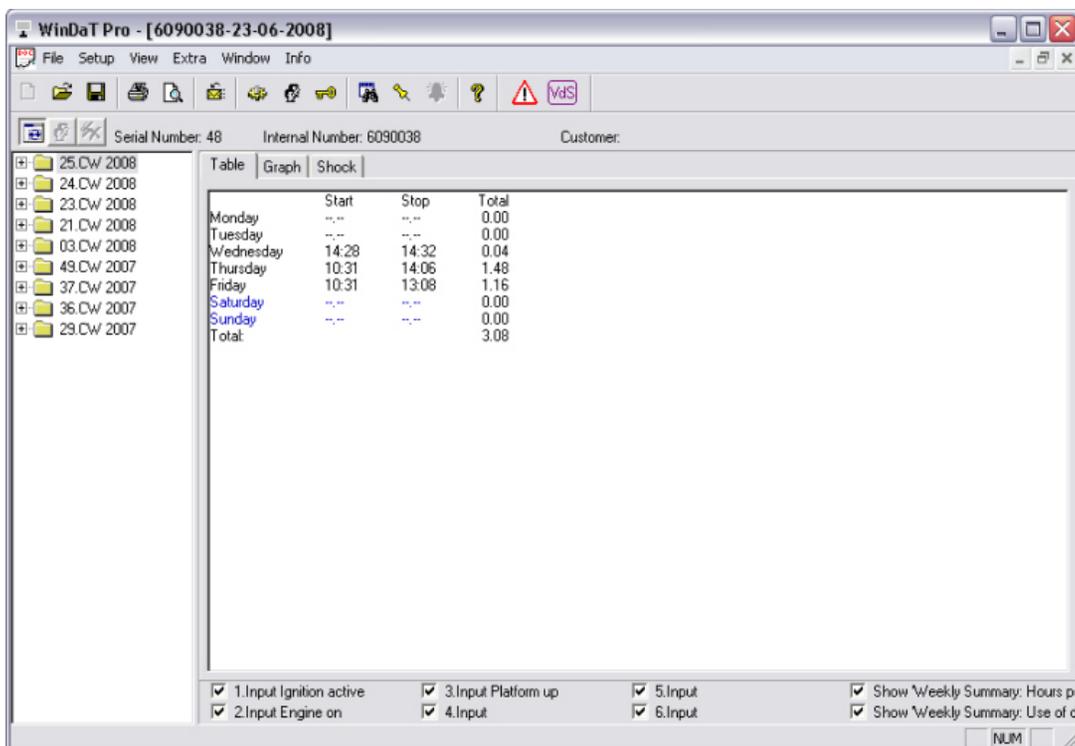


To delete faulty days the function „Remove data from document“ inside the menu „File“ has to be used.



Set the period for the days you want to delete. If a period exists twice, you can select, whether you want to delete the upper or under period.

Click on „OK“ and the selected days disappear from the daily data.



Following use the function „Save As“ to save modifications (e.g. in the sub-file „Backup“ of the data directory). Afterwards with the function „File Import“ you could add the corrected data to an existing history file (see chapter „various functions“, „Import Data“).

5. Device Parameter

5.1. Device Parameters... F4

After opening a file or loading data, select the command „**Device parameters**“ in the menu „**Setup**“, the following window is displayed:

In the title bar the device type and its software version number are displayed. For easy trouble shooting each DaT device sends its software version with its device specifications. If the number of a device is unknown, the software will have version 0.0.

In the register „**Device Parameters**“ you can enter resp. change data of your device.

„**Discharge Display**“ shows the battery condition of battery devices at the time when data are collected from the DaT device. The items mean in detail:

Recharge cycles displays how many times the battery is recharged for longer than 30 minutes

Date recharging ** displays the date when the battery is recharged last time

End of recharging ** displays the time of the day battery charger is switched off

Recharging time ** displays total time required for recharging of battery last time

****** Charging of the battery will only be recognised as charging, if the battery is charged uninterruptedly at least 30 minutes.

Please learn from the manual of the respective DaT device on which channel you can control charging. As in the example above there are some devices, where the recharge channel can be chosen freely.

The device parameters will be printed on each report. All entered resp. changed device parameters won't become part of the history file until a data transfer is done with the DaT-System. If you don't do a transfer, data won't be stored in the history file on the hard disk!

Note: For entering a new battery voltage you have to choose this voltage corresponding to the existing device voltage. The battery voltage is required e.g. for measuring of the remaining capacity (only with DaT 2.0).

The fields „Year build“, „Manufacturer“, „Serial No.“, „load capacity“, „Device type“, „Battery voltage“ and „machine type“ only have an informative function. In the field „Internal No.“ you have to enter a precise appellation for the device. To this please read the section „Data directory“.

In the field „**data transfer number**“ you can enter the call number of a local radio device (e.g. miniDaT-LR), which is necessary for data transfer. This number is saved on the PC and not in your device, i.e. after entry of the number you can use the button „Save“ to save the number. Following click „cancel“, if the rest of the settings shouldn't be transferred into the device. If data with a click on „ok“ are transferred into the device, the entered number will be saved automatically and shown in the following window „Send data“:

Send data

Settings of interface

Configuration: DaT Standard (Com 1)

Internal No:

Data Transfer Number:

Init Date/Time

Transmit Date/- Time

Date: 20.04.2023

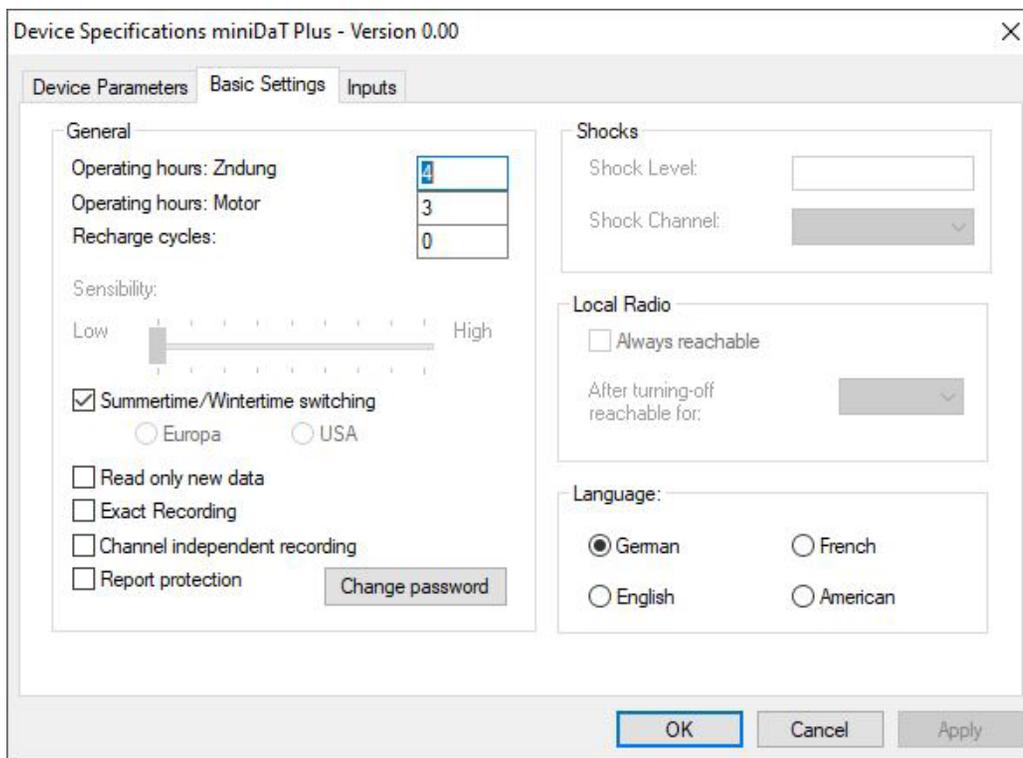
Time: 21:56:27

Cancel

OK

5.2. Basic Settings

After selecting the menu „**Basic Settings**“ the following window is displayed on the screen:



If a new miniDaT system will be installed, the fields have the following meaning:

1. **Operating hours channel 1 (here: ignition):**
This field indicates the operating hours of the ignition before installation of the DaT-device. Operating hours are recorded on channel 1.
2. **Operating hours channel 2 (here:engine):**
This field indicates the operating hours of the engine before installation of the Da-device. Operating hours are recorded on channel 2.
3. **Recharge cycles:**
This field indicates the number of recharge cycles passed through the battery before the installation of the DaT.
4. **Summer-/Wintertime:**
If this entry is marked, switch from summertime to wintertime will be carried out automatically. The dates for switching are set by our facilities according to the regulations within the EU. With certain devices you can choose between the regions „Europe“ and „USA.“ In the United States the correct daylight-savings time is preset.

5. Report protection:

This function only allows displaying of the daily-/ weekly summary after entry of the code word. (only available with DaT-PG or DaT-2.0).

6. Exact Recording:

If you activate this function, all minutes of the operational hours will be recorded to the second, i.e. during every deactivation of the device only the actually accumulated seconds are counted. If this function isn't activated, every commenced minute will be counted as whole minute. (Even if the function is active only for 5 seconds during the minute) (only available for miniDaT version (up), miniDaT-Key (-shock)).

7. Channel independent recording:

If this function is selected, each channel will record activity without consideration for the other channels. If it is not selected, channels 2 (3 + 4) will only be recorded, when channel 1 (ignition active) is active, too.

8. Read only new data:

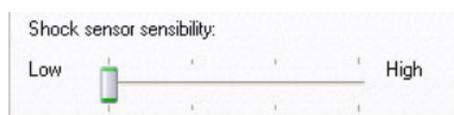
If you mark this field only data will be sent, which are recorded after the last data transfer

9. Language:

Switching between the languages that are available with the DaT-system. The active language is marked (only available with DaT-PG or DaT-2.0).

10. Sensibility:

For miniDaT-Key Shock devices from version 4.27 it is possible to set sensibility of the shock sensor. Via the slider over four steps a low to high sensibility can be determined for the shock sensor.



11. ShockLevel:

If a shock exceeds this limit, the shock should be recorded.

12. ShockChannel:

- A = Shocks will be recorded, if any of the input channels is active.
- 1-6 = Shocks will be recorded, if the selected input channel is active.
- 0 = No shock recording.

13. Change password:

The default password on DaT equipment is "AAA". Before starting of the device we recommend changing the password into a password existing in your password list. For it click on the button "Change Password".

Now enter your new password and confirm the password with a second input. Your new password must consist of at least six signs. Leave the menu with "OK". Now the password is transferred into the DaT device. The new password should also be entered into the password list (see chapter „system setup“). You will find these settings in the menu "Setup" submenu "Users/Passwords". After entering your own password „AAA“ is not longer valid for displaying recorded data!

14. Local Radio:

For the automatic data transfer of a miniDaTLR an hourly data transfer is adjustable. With the option „Hourly Data Transfer“ you can choose between the following two settings:

- **Only if new data recorded on channel 1:**
Data will be transferred automatically to the IAP, only if new data are available for channel 1 in the miniDaTLR.
- **Always:**
Data are transferred hourly from the miniDaTLR to the IAP.

Attention:

Item 11 only applies to the miniDaT-Key-(shock).

Items 5 and 9 only apply to the display of the DaT-PG (data analyser- and programming device) resp. DaT-2.0.

Items 6 and 7 only apply to miniDaT-devices from version 3.00 and miniDaT-Key (resp. LCCKShock) from version 2.17.

5.3. Inputs

Selecting the register „Inputs“ the following window is displayed:

Device Specifications miniDaT Plus - Version 0.00

Device Parameters Basic Settings **Inputs**

Channel Text and Active value

Input	Text	Active	Passive
Input 1:	Zündung	<input checked="" type="radio"/>	<input type="radio"/>
Input 2:	Motor	<input checked="" type="radio"/>	<input type="radio"/>
Input 3:	Pumpe	<input checked="" type="radio"/>	<input type="radio"/>
Input 4:	Nebenantrieb	<input checked="" type="radio"/>	<input type="radio"/>
Input 5:	Spannungsschwel	<input checked="" type="radio"/>	<input type="radio"/>
Input 6:		<input type="radio"/>	<input type="radio"/>

Automatic logout

No automatic logout

Automatic logout after [] seconds inactivity at channel []

OK Cancel Apply

Within this window you can furnish the channels 1-6 (depending on the DaT-device) with your own description for each channel. The entered descriptions will be used for the daily and weekly summaries. Each description may contain up to 15 letters, spaces or numbers. You can also enter the active or passive state for each channel.

Any modifications made will become active and be element of machine-data only after they have been transferred to the DaT-system!

Attention: Channel 1 (ignition active) and Channel 2 (engine turned on) are related to the functions „operating hours: ignition“ and „operating hours: engine“ within the register „Basic Settings“. You can not change these relationships. Therefore they should be readjusted only if the appropriate function is inexistent or isn't used within the device, which is controlled.

This also applies to the channel of a DaT device (# 3, # 5 or # 6 -> depending on your used DaT-System) for battery charging channel (# charging channel is used for: recharge cycles, date recharging, end of recharging, recharging time). Usually you should mark „Active“ with the channels (Basic setting), unless the function, which should be recorded, switches to ground. **Please use „active“ whenever possible.**

The active state determines whether a channel is active with a voltage present or absent. You can choose freely how you want to use the individual channel.

active = the channel is active when there is a voltage.

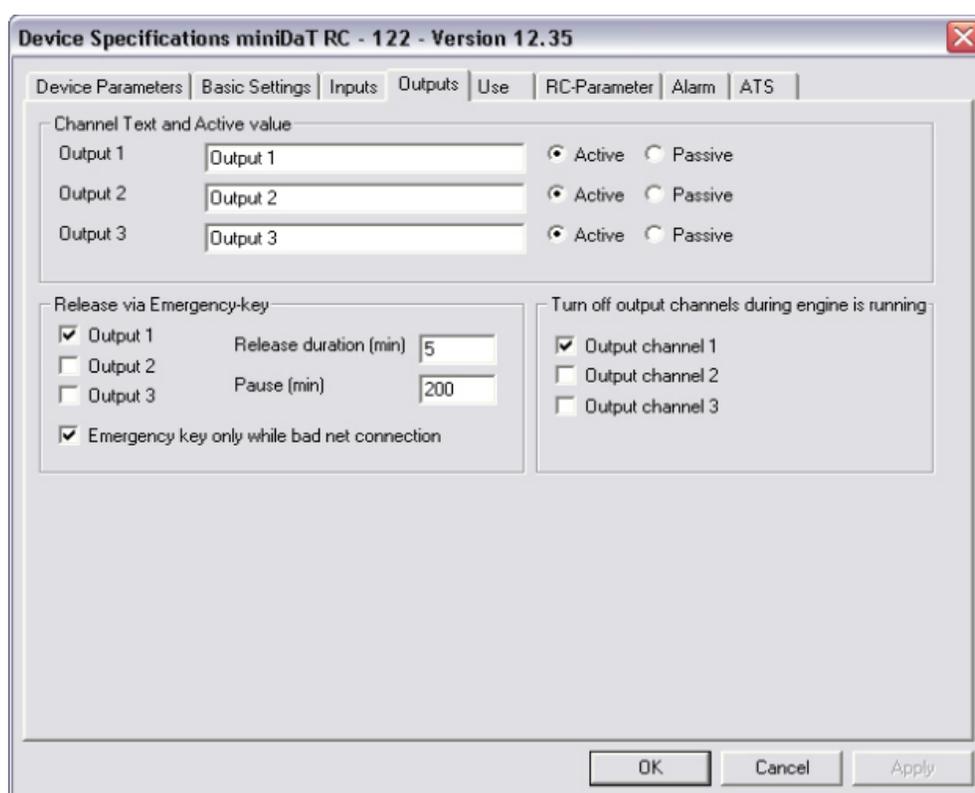
passive = the channel is active when there is a voltage of zero.

6. Device Parameter - miniDaT-RC Extras

6.1. Outputs

The register „Outputs“, „Use“ and „RC Service“ are only available for the miniDaT-RC.

After selection of the register „Outputs“ the following screen is displayed:



Into the group box „**Channel Text and Active value**“ you can enter the description for the output channels. You also have to select if the channels are „Active“ or „Passive“.

Active: Use the „normal open“ contact from the external relay.

Passive: Use the „normal closed“ contact from the external relay.
By deactivation of the output with WinDaT Pro+ this relay opens the contact and deactivates the machine.

6.1.1. Emergency Key

For a short term it is possible to activate device functions by the Emergency Key. Output channels are disabled by the miniDaT-RC because of illegal operating hours. The period of time for activation has to be specified in minutes in the field „Release duration“. You can choose a value between 0 and 15.000 min (equal to 250 h) and in addition an output must be selected at least. If a zero (0) is entered inside the field „Release duration“ or no output channel is marked, which is enabled during the valid operating hours, the function of the Emergency Key will be deactivated. If you press the Emergency key at least for 5 seconds, the selected output (target value for this output has to be switched on; see chapter „miniDaT RC Extras“) is active during the programmed time. When the time elapses, the function of the Emergency Key is locked for the programmed pause time.

Attention:

For correct use of the emergency key deactivate the outputs via the register „Use“. Change operating hours within this menu (For this see section „Use“ of this chapter). The restriction of machine use doesn't have to be carried out through switching off outputs.

If the field „**Emergency Key only while bad net connection**“ is activated, the function of the Emergency Key will only be available, when there is a bad radio network and a connection between the device and the PC can't be set up.

6.1.2. Turn off during engine is running

With the button „**Turn off output channels during engine is running**“ you can allow which output channels should be switched off via radio or at the end of operating hours while using of the machine. This can be dangerous and you must be very careful. If you don't permit switch off of outputs when the machine runs in the menu „**Devicestate**“ you can change online the nominal condition of an output, but the actual state will change not until the device is switched off resp. at next switch on. That means operations can be finished with this machine and the worker won't be endangered through restricted range of functions of the machine. But after switch off the device has to be unlocked again. **It is possible to carry out separately these settings for each output.**

We recommend to you, that switch off of the engine should never be possible during running machine.

Attention:

Activation resp. deactivation of the separate outputs via radio can only be done in the menu „Extra“ – „Devicestate“ or via SMS with a mobile phone. For more information see chapter „Various Functions“ - „Device state“.

You can carry out **settings of the operating hours**, which results in locking a machine, via the menu „Device parameters“ - „Use“. When the programmed time elapses only the outputs will be switched off, which are permitted to. If new timer settings are defined, which will unlock the machine, outputs will be switched on according to target of the „Devicestate“.

For example: A machine should be used on weekdays with a limited function, which controls output 3, for it in the menu „Devicestate“ we set target state on „off“ state for channel 3. In the register „Use“ the daily use from Monday to Friday will be activated. With it on the weekend the machine is locked. On weekdays the timer switches the outputs 1 and 2 on. If the machine is powered, any changes of the output status will be valid immediately.

6.2. Use

After selection of the menu „Use“ the following is displayed:

Maschinenparameter miniDaT RC - 120 - Version 10.11

Geräte-daten | Grundeinstellungen | Eingänge | Ausgänge | **Nutzung** | RC Parameter

Wöchentliche Nutzung

Mo Di Mi Do Fr Sa So

Tägliche Nutzung

Stunde Stunde

von bis

Nutzungszeitraum

von bis

Zusätzliche Funktionen

Key-Funktion benutzen

OK Abbrechen Übernehmen

1. Weekly Scheduling

Each day is marked, on which the machine is allowed to work .

2. Daily Scheduling

Here you can make the settings for the daily period. In addition it is possible to enter the period for daily use of the machine besides the week days.

Your entry in the fields „Daily Scheduling“ e.g. from „8“ to „18“ means :

The machine can be activated on the permitted week days from 8:00 a.m. to 6:00 p.m.

3. Time Scheduling

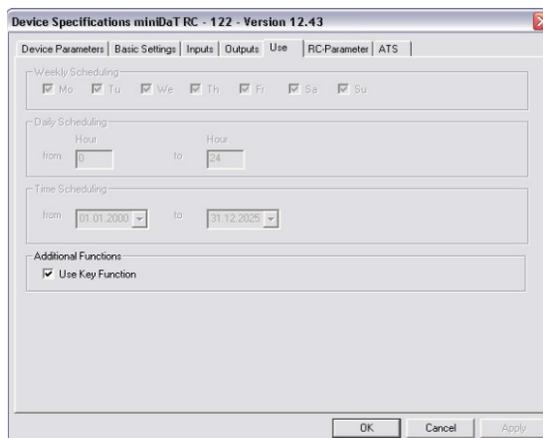
In this panel enter a restriction of use for the machine concerning a date. Give the first as well as the last day of use. Choose a date within the popup menus, which you can open with a click with your left mouse button on the field next to the date ().

Attention:

If the Emergency Key is active, the machine can be used out of the programmed settings above. During the emergency usage the settings of the Emergency Key are valid.

4. Additional functions

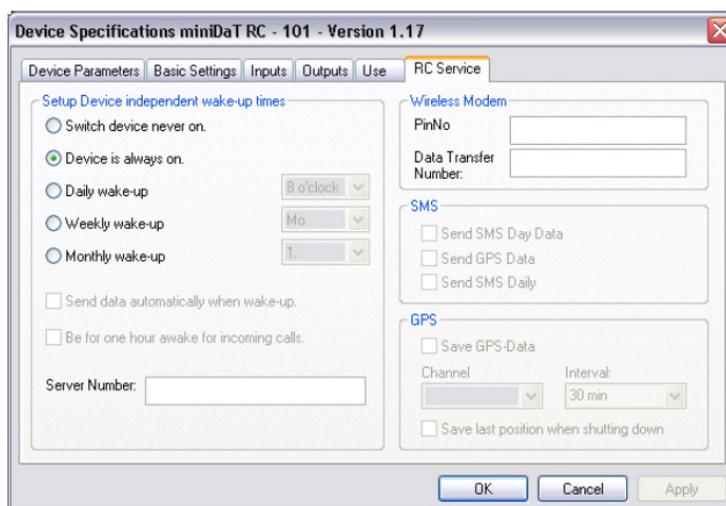
Up-to-date miniDaT-RC could be upgraded with the keyfunction. In this case operating hours can individually be set for every user during programming of his electronic key (see chapter „WinDaT Pro+ - Key“). To make log in with an electronic key possible, use of the key function has to be activated.



Settings for weekly and daily use resp. the operating period are suspended while using key function. If the key function is activated, you cannot edit your settings.

6.3. RC Parameter I

After choosing the register „**RC-Service**“ the following screen is displayed.



6.3.1. Setup Device independent wakeup times of the miniDaT-RC

These Settings determine whether and when miniDaT RC wakes up automatically from the „sleeping mode“ also in case the machine is switched off. As well as these settings defines the manner during the programmed wake up time. „Wake up time“ and machine operational times are different.

Attention: These functions are only available, if miniDaT-RC is powered permanently with voltage. Please select one of the following settings:

1. Switch device never on

During switched off machine the radio modem of the miniDaT RC is never active. Device will only be ready-to-transmit and -receive, if the machine is switched on, i.e. when channel 1 (ignition) or channel 5 (battery recharger) are active.

2. Device is always on

The miniDaT-RC is always ready for transmission and ready to receive independent of the operational state of the machine.

CAUTION: Watch power consumption of the miniDaT-RC because a higher consumption could occur.

3. Daily wake-up

If this function is selected, additionally you have to choose at what time the device should wake up. Please select complete hours. The miniDaT-RC has a daily „wake up time“ between 0 and 23. Device switches on automatically independent of whether the machine is switched on.

4. Weekly wake-up

The miniDaT-RC is activated at a selected weekday and time once a week.

5. Monthly wake-up

The miniDaT-RC is powered once a month at a selected day and time. Make a setting between 1 and 31. Please note that not every month has 31 days!

Caution:

If you have selected one of the settings, which we have described on the previous page, you also have to define, what miniDaT-RC should do within wake up time. For it there are two settings, which you can choose separately or together.

1. **Send data automatically when wakeup**

If this option is only selected, device will switch on at a programmed wake up time. If the line is busy the device tries to transfer data in two minutes intervals for one hour. After a successful data transfer miniDaT-RC reverts to the „sleep mode“ (if the machine is switched off. If the machine is switched on at this respective time, data will automatically be sent. But after that the machine won't be switched off). If data transfer is not successful during the „Wake up“ session, the miniDaT-RC will try to transfer data during the next „Wake up“ time. This automatic data transfer is only possible when the WinDaT Pro+ - Server software is used. Data, which are transferred via modem, are saved in the history file.

For activation of this function pay attention to the following notes:

- a) **To use WinDaT Pro+ - Server with a miniDaT-RC, the phone number of the modem has to be entered into the field „Server Number“. The modem is connected with the PC, where WinDaTPro+ - Server runs.**
- b) **For receiving data automatically the upgrading WinDaT Pro+ - Server has to be unlocked and „Auto receive“ is enabled. If you use WinDaT Pro ATS, „Auto receive“ will be required.**
- c) **If no WinDaT Pro+ with „Auto receive“ is activated with the indicated phone number, perhaps this could lead to excessive phone bills, when many times miniDaT-RC tries to reach the server without success.**

2. **Be for one hour awake for incoming calls**

If this option is selected for a programmed wake up time, the device will switch on automatically for one hour. It is possible to read out data online resp. change settings during the wake-up time. You can choose this option together with the option „Send data automatically when wake-up“.

Note: WinDaT Pro+ - Server is required for automatic data transfer!

6.3.2. Wireless Modem

These settings are not necessary for the function of the GSM modem inside the miniDaT-RC. These are only memory fields. In the register „RC Parameter“ of the menu „Device parameters“ fill in the inputs for the PIN number of the SIM-card and also for the data transfer number of the modem inside the miniDaT-RC.

In this window the PIN number can't be changed! After a successful transfer this data will be saved into the miniDaT-RC. This data will be assigned to the internal number of the machine. After the transfer any changes in settings can be transmitted to the machine by selecting the internal number of the machine in the menu „Load data“ and „Devicestate“.

To get data with WinDaTPro+ - Server and an external modem, please watch for the following things:

The format of the data transfer number for dialing the miniDaT-RC could be built as follows:

- Configuring tone dialing: **T**
- Wait for dial tone before dialing (e.g. 0): **0w**

Example: T0w +491771234567

6.3.3. SMS

In this panel you can configure which data (Daily Data and GPS Data) are transferred automatically from miniDaT-RC via SMS.

1. Send day data :

Data are transferred each day directed by the „Device independent wake up time“. At what time data should be sent, you can schedule in the panel „Device independent wake up time“. Data from the day before will always be transmitted, if there are recorded data for this day. A day without data won't be transmitted.

2. Send GPS data:

To get GPS data, i.e. the position of the machine, the field "Send GPS data" has to be marked. Current GPS data will be transmitted only if there are recorded data from the day before.

Attention: This field is only available for the miniDaT-RC-GPS!

3. Send SMS daily:

If the field "Send SMS daily" is marked, each day a SMS will be transmitted at the time you have set in the panel „Setup Device independent wakeup times“ independent whether the day before has working data.

Attention: Normally one SMS is used for the data.

Exception: To get daily data and the GPS position, two SMS messages will be transmitted.

Without an activated option "Send SMS daily" and if there aren't new data from the day before no SMS will be sent.

For receiving data via SMS it's necessary to load data of the machine once manually into WinDaT Pro+. So that WinDaT Pro+ can assign the data of incoming SMS to the appropriate machines.

Attention: Reception or transmission of SMS it's only possible with a GSM-modem (e.g. Siemens M20 or TC35). If you use WinDaT Pro+ ATS, a GSM-modem is obligatory.

6.3.4. Save GPS

The miniDaT-RC-GPS from software version 104-x.xx provides storing of GPS positions. If the function „Save GPS-data“ is activated, an interval for saving of GPS data can be selected via the pull down menu. For example: If you choose „30 min“ in the pull down menu, the GPS position will be recorded every 30 minutes.

miniDaT-RC-GPS can save up to 500 GPS-coordinates (including date and time). A stored data point contains date, time and GPS coordinates.

To display stored GPS data with Microsoft MapPoint **WinDaT Pro+ with tracking option** is necessary. Stored GPS coordinates are transferred during every readout of WinDaT Pro+.

Important notice: Stored GPS data inside the miniDaT-RC couldn't be transferred with the DaT-CB.

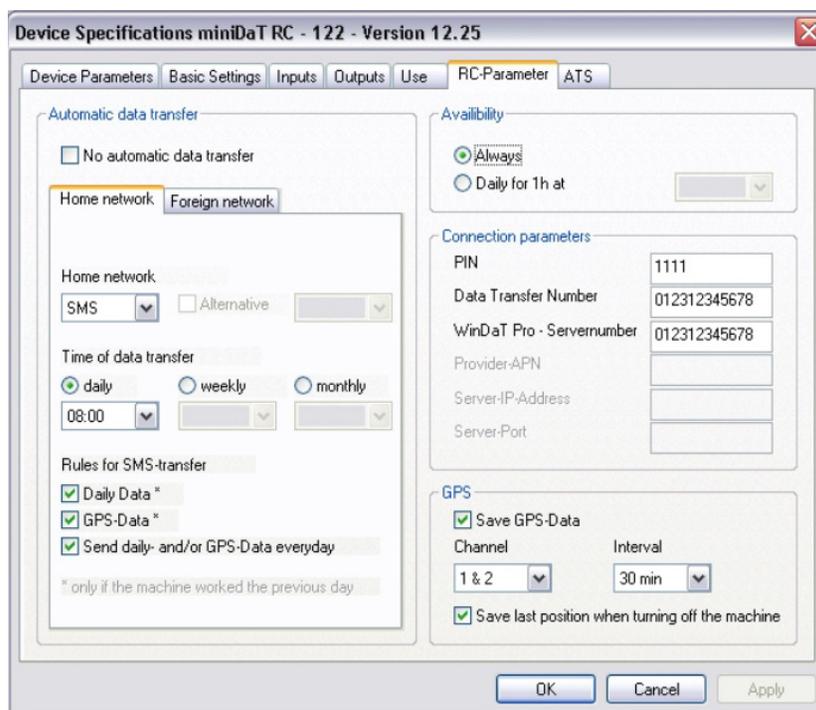
Channel:

As an option storing of GPS data can depend on a channel input. For it choose the function „Save last position when shutting down“. This function is only available with current miniDaT-RC-GPS devices from January 2005. In this case channel selection refers to this function. For this a channel between 1 – 5 has to be entered into the field "Channel". You can choose a combination of channels. Saving of the GPS-data depend on the channels, e.g. you choose combination „1 and 2“, GPS-data will be saved only, if channels 1 and 2 are activ.

6.4. RC Parameter II

For the following miniDaT-RC we have arranged new RC-Parameter:

1. miniDaT-RC 120, from version 10.20
2. miniDaT-RC 121, from version 11.20
3. miniDaT-RC 122, from version 12.20



6.4.1. Automatic Data Transfer

In the register „RC Parameter“ of the menu „Device Parameters“ regulations for automatic data transfer of the miniDaT-RC are set.

At first deactivate the option „No automatic data transfer“, if miniDaT-RC should send recorded data automatically. In the next step in the register „Home network“ you can specify the way how miniDaT-RC should send data within the home network. GPRS (if miniDaT-RC provides this function), SMS or GSM are possible settings. If GPRS is set, you can adjust SMS or GSM in case of no GPRS-net is available.

Go to „Time of data transfer“, where you have the fields for selecting whether data should be sent daily, weekly or monthly. Please note not every month has 31 days.

If you choose „SMS“ for transfer, please set the function within the panel „Rules for SMS-transfer“, whether daily- and/or GPS-data should be sent via SMS. Additionally if the option „Send dailyand/or GPS-data every day“ is activated, the corresponding data will be sent daily. Otherwise data will be sent only, if the day before is a working day. If you don` t select any of the options for SMS transfer, no SMS will be sent.

In the register „Foreign network“ you can choose first, whether miniDaT-RC should send data automatically within the foreign network. Further settings correspond to these in the register „Home network“.

Please read chapter „WinDaT Pro+ - Server“ in this Operating Manual about the topic „Auto Receive“.

6.4.2. Availability

At this panel you can select whether miniDaT-RC should be reachable at all times or only for one hour at a adjustable time (adjusted time conforms to automatic data transfer). Please pay attention that a permanent voltage supply is necessary for the miniDaT-RC, if the setting „always“ is used.

6.4.3. Parameters for connection

Please find explanations about the fields „PIN“, „data transfer number“, and „WinDaT Pro+ - Server number“ in the chapter „RC-Parameter I“.

Fill the other fields only, if the miniDaT-RC should send data via GPRS.

Provider-APN: Enter the „Access Point Name“ (APN) of your provider (e.g. „internet.t-d1.de“ for D1).

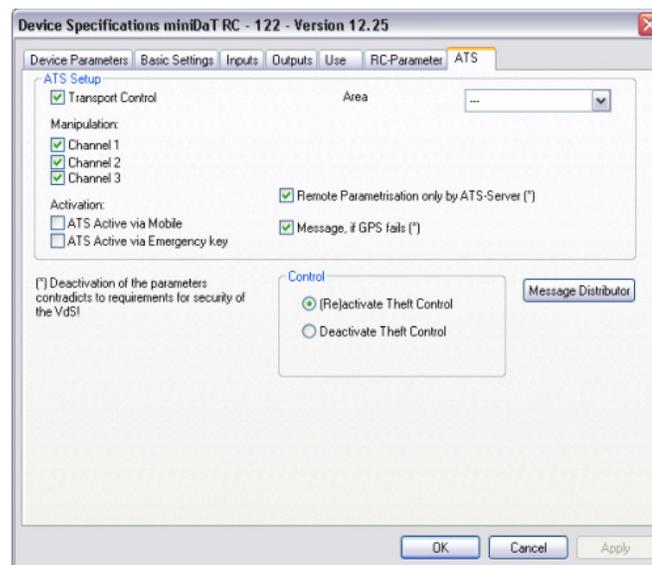
Server-IP-Address: Enter the fixed IP-address of the WinDaT Pro+ - Server, which should receive data via GPRS.

Server-Port: Enter the port. WinDaT Pro+ - Server should receive data via this port with GPRS.

6.4.4. GPS

Explanations for GPS-settings please find in the section „RC-Parameter I“.

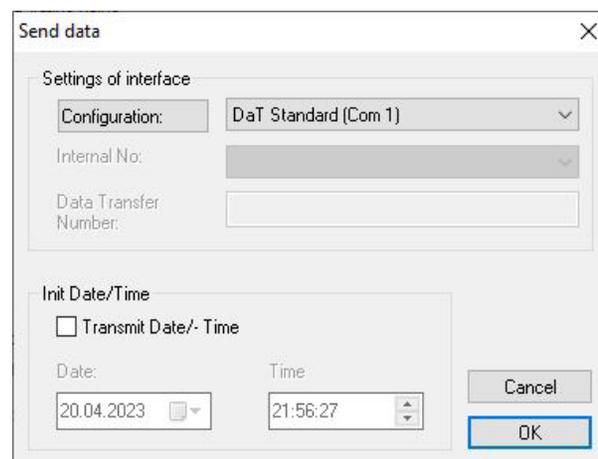
6.5. ATS



For detailed information about the settings within the register „ATS“ go to the chapter „WinDaT-ATS“.

6.6. Send Data

When the setup of the machine is finished, all new device data are entered resp. changed, press OK. The menu „Send data“ turns up automatically on your screen. Then the data can be transferred immediately into the miniDaT-RC.



After selection of the correct serial port, which should be „DaT Standard (USB 1)“, optionally the date and time could be transferred with the device parameters to the DaT device. Date and time will only be transferred if the field „Transmit Date/-Time“ is marked. If you don't select this option, then only the current device parameters will be sent.

Attention please: For sending data the passwords inside the miniDaT-RC and inside WinDaT-Server must be the same.

The password is AAA on delivery.

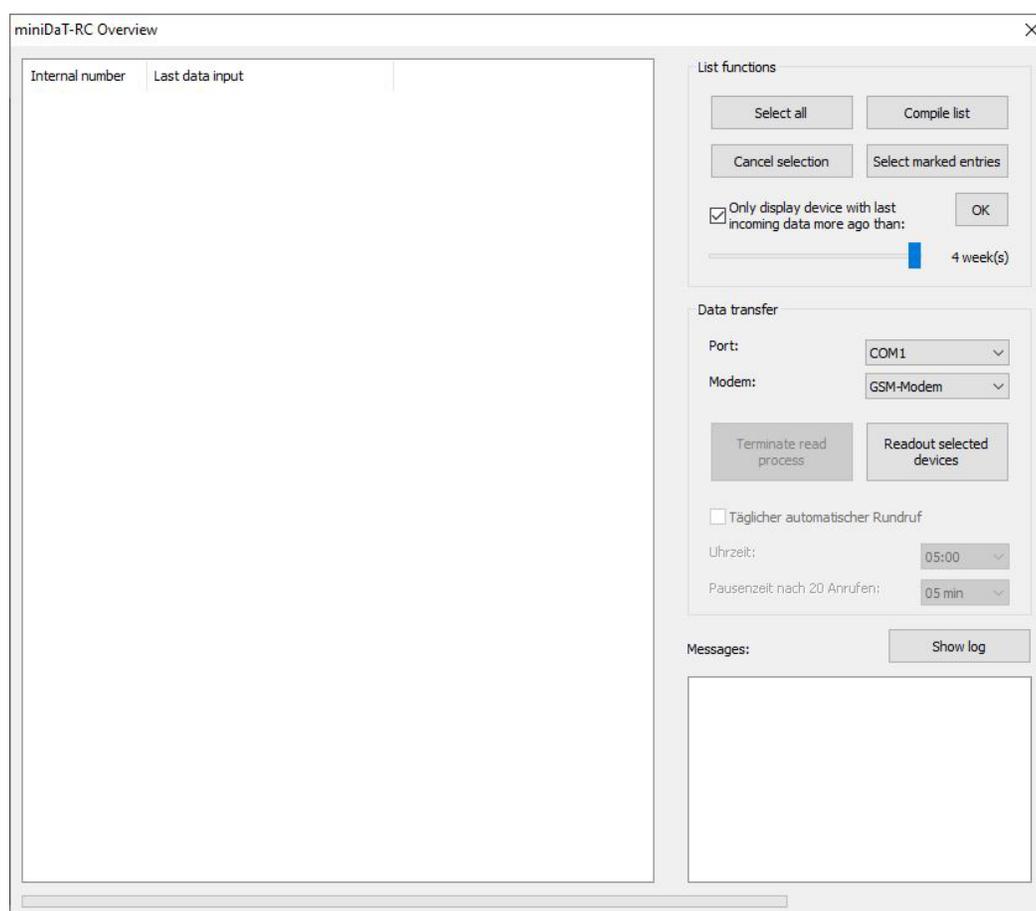
Before you install the miniDaT-RC at your machine inside the menu „Device parameters“ - „Basic Settings“ - „Change password“ the password should be changed into a password based on your WinDaT Pro+ password list . Otherwise your device could be manipulated from a customer or competitor!

Note: Only after a correct transfer of data into the miniDaT-RC the new parameters will become effective and be part of the history file.

6.7. miniDaT-RC Overview

The miniDaT-RC Overview can be started via the menu „Extra“ - „miniDaT-RC Overview“ or the key F7. When the overview is activated for the first time, so at first the button „Compile list“ has to be operated. Now WinDaT Pro+ scans the data directory for miniDaT-RC devices and determines date of last incoming data for each of these devices. This process can take a few minutes depending on number of devices in the data directory.

Afterwards miniDaT-RC Overview provides a list of all miniDaT-RC devices available in the data directory. For each device current state of data is displayed.



6.7.1. List functions

By a click on the respective column header the list is sortable by internal number or date of data input. Via the combination of left mouse button and the keys Shift or Ctrl several rows can be marked. With the button „Select marked entries“ all marked rows can be activated (i.e. in front of every row a check mark is set).

With the button „Select all“ all rows can be activated.

With the button „Cancel selection“ all enabled entries in the list are deactivated.

Via the option „Only display device with last incoming data more ago than:“ and the related slider (1 hour up to 4 weeks) devices with current data can be removed from the list. With the adjoining button OK these settings are saved and applied to the list.

6.7.2. Data transfer

After a selection of devices has been carried out, these devices can be readout automatically. But first of all the interface must be selected, to which the modem is connected. The modem type must be set as well. Here normally COM1 with the modem type „GSM modem“ has to be set. After these settings have been carried out resp. checked, the read process can be started via the button „Readout selected devices“.

First of all WinDaT Pro+ checks the selected interface and the modem.

Afterward WinDaT Pro+ calls all selected devices in succession and reads out their data. For each single device appropriate messages of success and failure are displayed. After read process the list is updated automatically.

If during readout of miniDaT-RC devices malfunctions occur, these are recorded and can be viewed via the button „Show log“.

Attention: While starting the miniDaT-RC Overview Auto Receive, if it is active at an interface, is switched off. During exit of the overview Auto Receive is activated again. Therefore close the miniDaT-RC Overview, if you don't work with it anymore.

7. Various Functions

7.1. Service Parameters...

After selection of this function the following screen will be displayed:



You can use the Service-Parameters only in conjunction with miniDaT-service and miniDaT-shock. The following functions are available:

- Activate settings:** Control options and check times are carried out, if you mark this function
- Service:** Alarms, which are set in the menu „Counter“, are shown through the external Service-LED of the miniDaT-service after reaching service- or alarm times
- Master channel:** All adjusted check times will only be counted (controlled) continuing for an alarm if the Master channel is activated.
- UVV-Service:** When the date for annual inspection is due, the internal Service-LED will flash
- Shock limit:** This function is only available for miniDaT-shock. All shocks are recorded, which exceed the adjusted limit
- Check working:** This function signals an operating machine during battery charging. The service-LED will flash
- Check charge < 30 min:** If the battery is charged for less than 30 minutes, this will be signalised
- Check device error:** If a malfunction of the clock inside the DaT-device occurs, this will be signalised

Ignition on without activity: A signal will be sent, if the adjusted time is overrun. Time exceeding must occur nonstop

If you switch to the register „Time“ the following window will be displayed:

The screenshot shows a dialog box titled "Service Specifications miniDaT Service" with three tabs: "General", "Time", and "Counter". The "Time" tab is selected. It contains three sections: "Weekly Scheduling" with checkboxes for days of the week (Mo, Tu, We, Th, Fr, Sa, Su); "Daily Scheduling" with input fields for "Hour" (from 6 to 22) and "Tolerance" (10); and "Time Scheduling" with input fields for "Day" (from 1 to 31) and "Month" (12). At the bottom are "OK", "Cancel", and "Apply" buttons.

Within this window you can enter the period of use for the machine. If the machine is at work at any other time outside of your adjusted period of use, this will be signalled by the Service-LED. When you stick to your adjusted time, short-time uses outside of your adjusted period of use won't be signalled (e.g. loading of the machine by the forwarding agent).

After choosing the register „Counter“ the following window will be shown:

The screenshot shows a dialog box titled "Service Specifications" with three tabs: "General", "Time", and "Counter". The "Counter" tab is selected. It contains a section titled "Alarm Counter Settings" with a table of input settings. At the bottom are "OK", "Cancel", and "Apply" buttons.

	Total	Goal	Actual	Mode
Input 1:	2318	0	0	Z
Input 2:	1459	0	0	S
Input 3:	104	0	0	.
Input 4:	0	0	0	A
Input 5:	2948	0	0	.

For each channel you can enter a goal time in hours (setting „Z“= cyclic and „S“= single) or in minutes (setting „A“). If the actual time is equal to the goal time, the internal Service-LED and the external Service-LED (if existing) are switched on. Total time indicates the elapsed time in hours for each channel since installation of the DaTdevice. This is also valid for the alarm channels. If the setting „.“ is selected (default), the service function will be switched off for this channel and no alarm will occur.

7.2. Password Protection

If the loaded data are displayed „encoded“, the password inside the device does not correspond with any password in your password list. Display of data will only be possible, if the password inside the DaT complies with one password inside your password list (see chapter „system setup“).



Manufacturer	Serial Number	Internal Number	Notice	Type	Start	Stop
	6090038	6090038		miniDaT	17.07.2007	21.05.2008

To display the hidden data, double click on the key in front of the file you want to see. The following menu „Enter Password“ will be displayed:

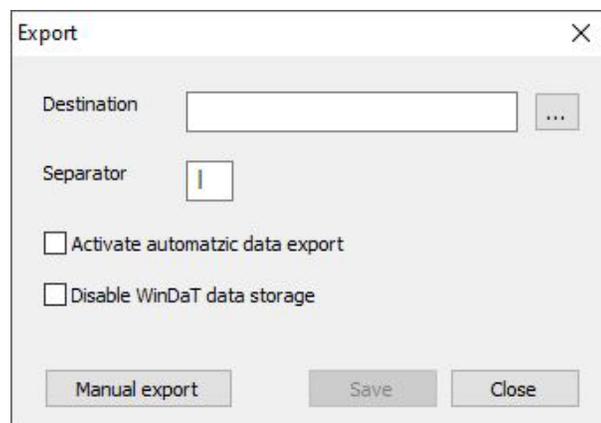


Enter the valid password. The imported data will be displayed as usual. Now you can work with the data in the normal way.

After downloading data from an miniDaT-IAP or a DaT-CB, the user will be asked for clearing the stored data inside this devices. Please confirm only with „OK“, if you are sure, that each device has an appropriate password in the password list. Otherwise data are not transferred into the history file. Choose „OK“ to clear the memory of the devices. If nothing is selected within 15 seconds, this window „Clear data“ will disappear automatically. If data should be added to a history file of a machine, the valid password has to be entered within the password list. Please repeat loading data.

7.3. Export

In order to make recorded data available to other applications (e.g. MS Excel) in txt format, WinDaT Pro+ offers the possibility of data export. To do this, call up the Export command in the File menu.



7.3.1. Automatic export

In order to have data exported automatically, i.e. each time a DaT device is read (...), the target path for the export files must first be set. To do this, click on the button and set the desired path in the following dialog.

In the export files, individual pieces of information are separated from each other by a separator. Using this separator, e.g. MS Excel can display the information in different table columns. Enter a delimiter of your choice in the appropriate field, or use the default | character. Finally, activate the option „Activate automatic data export“ and click on „Save“ so that the settings are applied.

Note: If you only want to work with export files, WinDaT's own data storage can be deactivated to improve performance.

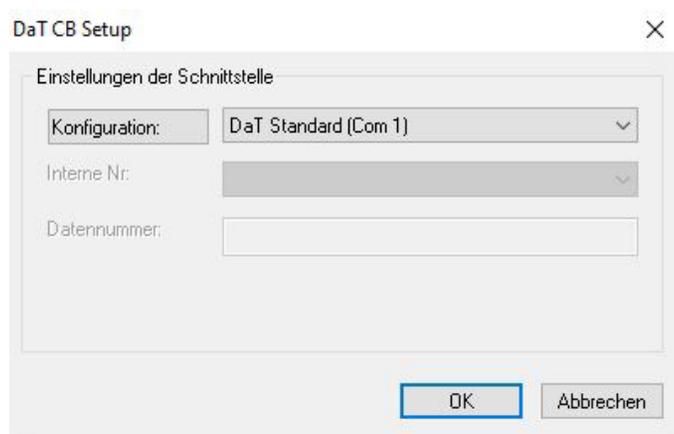
7.3.2. Manual export

In order to export existing dat files, as with automatic export, the target path and separator must first be set. Then click „Manual Export“.

Now select the files to be exported and click on „Open“ to start the export process. The duration of the export process can vary depending on the number of files. WinDaT Pro+ outputs a message when the process has been completed.

7.4. DaT-CB/IAP Setup

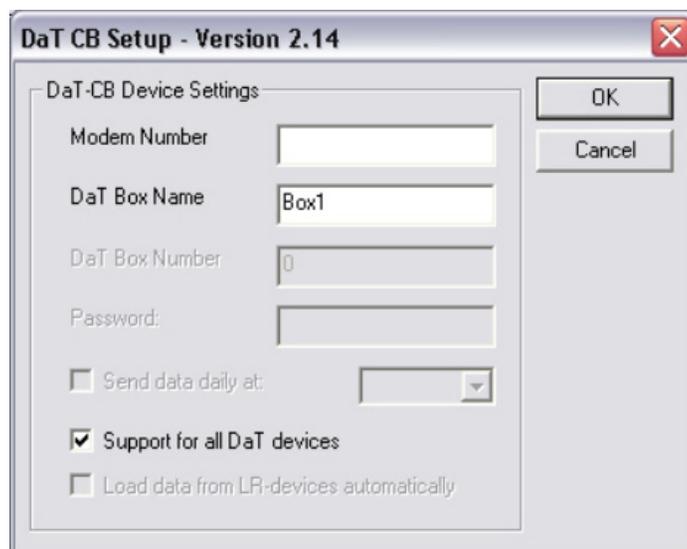
To configure a DaT-CB, a miniDaT-IAP or a LR-Adapter, connect the device (DaT-CB or miniDaT-IAP) via the USB-Dongle-cable to an USB port of your PC. For the transfer process of the LR-Adapter a miniDaT-IAP is used as modem between the LR-Adapter and WinDaT Pro+. Power the device, start WinDaT Pro+ and select the menu "File" – "DaT-CB/IAP Setup".



Within this window select the serial interface, that is connected to the collecting box or the miniDaT-IAP (with the configuration „DaT Standard (USB 1)“). For the LR-Adapter set the interface with the configuration Local Radio. In the field „Data Transfer Number“ the serial number of the LR-Adapter is entered. Select OK to enter the following menus.

The setup must be completed in the following menus. The number of parameters you can edit depends on the selected device, which you want to configure:

7.4.1. DaT-CB:



Detailed parameter description:

Modem Number:

For a modem transfer the number of the connected modem must be entered. The modem connected to the DaT-CB or the miniDaT-IAP should have the following features:

1. Automatic baud rate detection or a fixed adjustment with 19200 Baud (most of the modems have an automatic detection).
2. If a GSM-modem should be used, this must be logged into the GSM network before data transfer is started. If the modem is not logged in yet, it will occur automatically .

DaT Box Name: To identify the source after a data transfer, while using several DaT-CB, enter a name for these devices.

Support for all DaT devices: This option must be selected for configuring a DaT-CB. If you have installed older DaT equipment (DaT 2.0), which you want to read out, use this option.

7.4.2. miniDaT-IAP:

Detailed parameter description:

IAP-Name:

Here a name can be entered, in order to can better identify the single devices while using several miniDaT-IAP.

IAP-Number:

To identify the source during wireless data transfer, each miniDaT-IAP has to have an unique IAP-number (digits 0 9) for providing a trouble-free transfer.

Codeword:

To prevent data inside a wireless equipment (like miniDaT-LR) from read out from a competitor`s miniDaT-IAP. Before read out the password inside the miniDaT-IAP is checked against the password inside the miniDaT-LR. Only if these passwords correspond, data transfer will start. Please assign to all of your miniDaT-LR devices the same password.

Support all DaT-devices:

You should select this function, if you want to read out miniDaT-LR devices with your miniDaT-IAP, which are delivered before september 2004. Date of delivery can be found with the serial number of the device. Example: 04090001 (2004, september, device number 0001).

Load data from LR devices automatically:

If a (e.g. mobile) miniDaT-IAP is only used to setup miniDaT-LR, this option should be disabled. If disabled no daily data from other devices are transferred into the miniDaT-IAP except from the selected machine.

Send data automatically:

If data from the miniDaT-IAP should be automatically transferred, activate the option „Send data automatically“. For automatic data transfer a transfer by modem or RS232-interface can be adjusted.

Modem support:

If the automatic data transfer shouldn`t be activated, alternatively the option „Modem support“ is available. At this the miniDaT-IAP initializes a modem connected to the miniDaT-IAP. This way data can be readout by modem through WinDaT Pro.

Via modem to the data transfer number:

If for the automatic data transfer a modem is used, you have to activate this option and enter in the field the number of the modem connected to the computer. On the PC the optional function WinDaT Pro+ - Server has to be enabled. Besides a time must be defined, when data should be transferred daily from the miniDaT-IAP to WinDaT Pro+.

Via RS232, if new data available:

With automatic data transfer via the RS232-interface, a miniDaT-IAP is connected to the PC via a serial interface. If you select this option, when new data exist in the miniDaT-IAP, these data are transferred from the miniDaT-IAP to WinDaT Pro+.

7.4.3. LR-Adapter:



The newly-developed LR-Adapter offers the possibility to transfer data automatically by radio from a miniDaT (miniDaT-Plus, miniDaT-XL) to a miniDaT-IAP.

Detailed parameter description:

LR-Adapter Name:

A clear description should be assigned to each LR-Adapter, which can be freely chosen and is used for identification of the device.

Password:

The LR-Adapter has a pre-installed password at delivery. If you want to alter this password into a password of your choice, please note that this password must correspond with the password in the miniDaT-IAP.

Hourly Data Transfer:

- **Only if new data recorded on channel 1**
Hourly data transfer will be operated only, if new data exist for channel 1 in the miniDaT.
- **Always**
Transfer of data from the miniDaT occurs hourly.

With a click on the button „OK“ the settings can be sent to the respective device.

Attention: In order that WinDaT Pro+ can receive data, install the WinDaT Pro+ - Server option and „Auto receive“ has to be enabled to run a data transfer.

7.5. Devicestate

Within the menu “Devicestate” a DaT device could be connected wirelessly to your PC. After a successful connection inputs of all your devices can be analysed. Date and time change is also possible. If a miniDaT-RC is connected the time table could be changed (weekly usage, period of usage) as well as the outputs can be switched via radio within the limits, which you have assigned to the separate output in the menu „Setup“ - „Device Parameters“ - „Outputs“.

To get an online link to a miniDaT-RC go to „Extra“ - „Devicestate“.
The following will be displayed:

In the menu choose the serial interface connected to the modem or the USB-Dongle-cable.

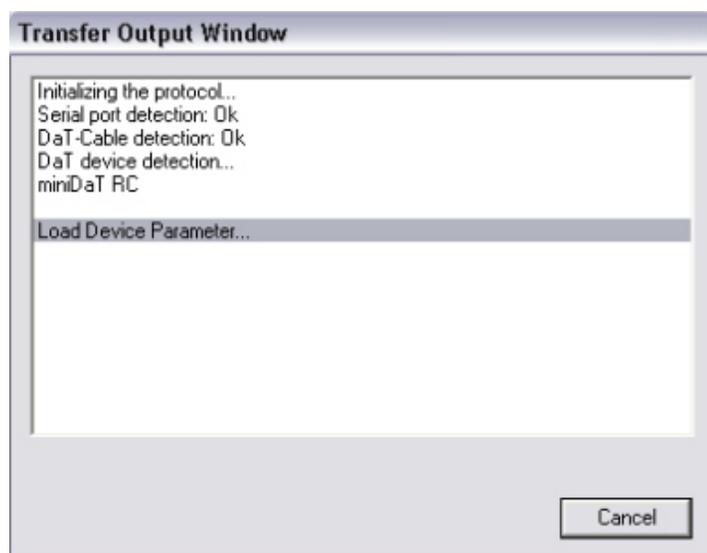
To enter the fields “Internal No.” and “Data Transfer Number” the serial interface must be selected for a modem. Your settings can be sent as SMS (Short Message Service, see explanation below) if the option “Send properties using SMS” is marked.

If you don't select this option an immediate online connection into the DaT device will be activated. This could be done with a wireless or landline modem or directly via the USB-Dongle-cable.

The machine can be dialed directly by selecting the machine resp. its phone number by means of its internal number. In the field „Internal No“ you can enter the internal number of a machine. The machine has to be already known by WinDaT Pro. Otherwise you wouldn't have an internal number. In this case if no internal number is available, the phone number must be entered directly.

Attention: If the transfer is done via SMS, the history file with the settings must be stored on the computer. The internal number and the telephone number of the miniDaT-RC must be recorded in the stored history file. The telephone number must be assigned to the internal number. Transfer via SMS is only possible with a wireless modem.

Click on the button „**Next**“. Transfer will start. The **transfer protocol** will be displayed as follows:

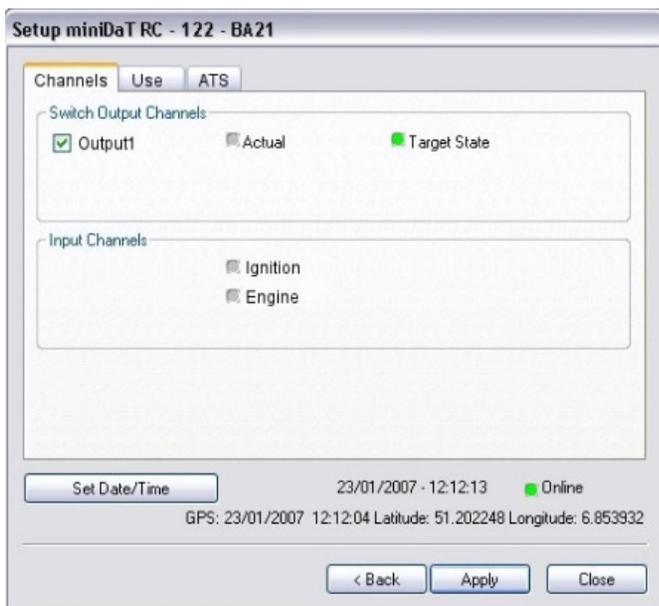


If anything goes wrong, you can analyse within this window.

Attention: GSM quality (field intensity) must be higher than 8. Below this value the system waits until reaching demanded quality, resp. process is cancelled. You should try it again later.

If WinDaT Pro+ is successfully linked to a miniDaT-RC, the updated device state will be displayed as seen below. You can change settings. Active inputs and outputs are displayed with „LED“ in green colour.

For miniDaT-RC with GPS the current GPS position of the machine is also displayed.

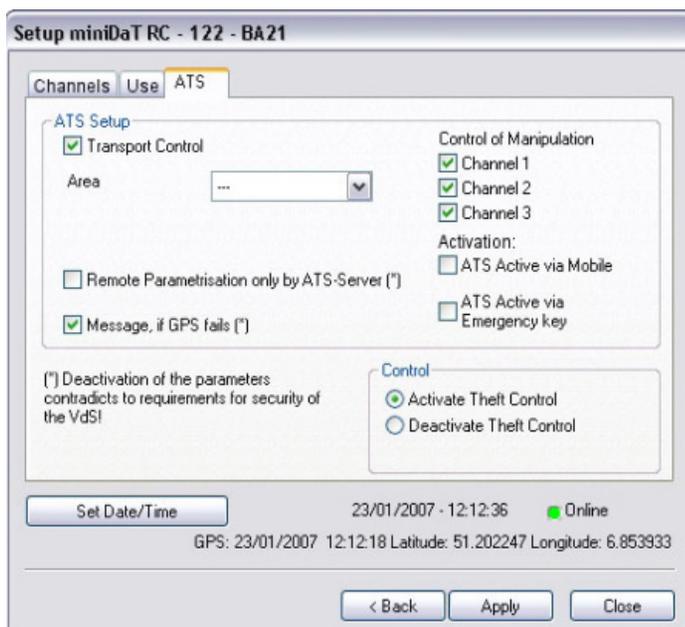


You can switch off outputs immediately, if you accept this function „Turn off output channels during engine is running“ in the menu „Device Parameters - Register Outputs“ (see chapter „miniDaT-RC Extras“). Otherwise only the „target state“ is marked as „switched off“ until next switch-off. The state of the output is changed, after the machine has been shut down.

To make your settings valid, please confirm with a click on the button „Apply“. To cancel the connection, please click on „Close“. If you don't confirm modified settings with a click on „Apply“, these settings won't be accepted and the old settings will be valid further on.

Attention: If the valid password of your device doesn't exist in your password list, a connection won't be possible!

For a miniDaT-RC with activated key-function during operating hours settings aren't available.



You can make settings for your ATS-devices in the register „ATS“ of the menu „Devicestate“. Settings in this register correspond to these in the register „ATS“ of the menu „Device parameters“ of an ATS-device. For more information please read sections „Settings“ resp. „Activate the ATS system“ in the chapter „WinDaT Pro+ - ATS“ of your operating manual.

7.6. Data transfer via SMS

All settings displayed in the device state could also be transferred via SMS. This could be particularly helpful, if the settings have to be changed (i.e. if a machine should be locked or activated). When no wake up time is defined for miniDaT-RC or the network can't deliver a good signal, because the quality of GSM doesn't accept an online connection. By using the SMS system the message waits on the message server (D1 and D2 max. for 48 hours) until the message can be transferred to the miniDaT-RC.

Attention: SMS message transfer is only available with a wireless modem (like Siemens M20 or Siemens TC35) connected to the PC.

When using the GSM wireless network you can ask your dealer if SMS is available. Not every provider offers support for SMS message transfer. You must also use the same provider for the SIM card inside the M20 / M35 Terminal and inside the miniDaT-RC.

Attention: To use the SMS service, in front of the telephone number of the miniDaT-RC there must be an area number (i.e. +001 for example for US). Please enter the data transfer number inside the menu "device parameters" - "RC-Service"(see section „RC-Parameter“). To initialise receiving of SMS data, data of the machine must be loaded once manually into WinDaT Pro+ direct or via GSM. Only that way it's possible for WinDaT Pro+ to assign data of incoming SMS to the appropriate machines.

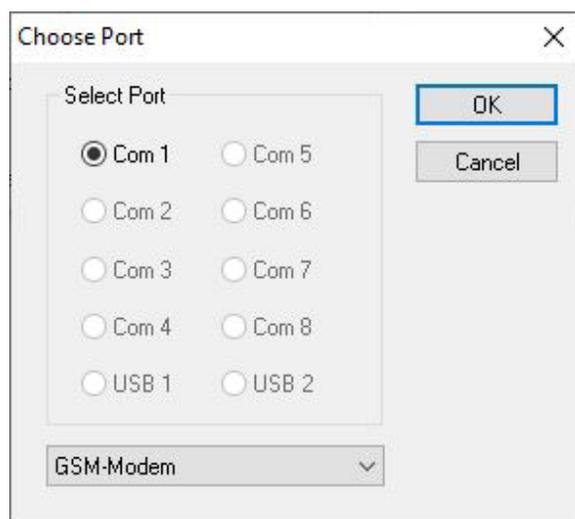
7.7. GSM Modem Setup



In the menu „GSM Modem Setup“ you can install settings for the modem connected to your PC or for the modem inside the miniDaT-RC.

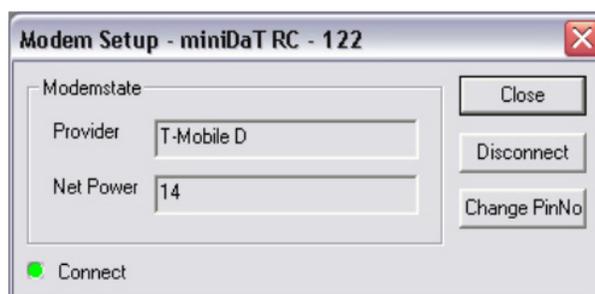
If you select the menu „**Extra**“ - „**GSM Modem Setup**“

and then click on the button „Connect“, a search for GSM modem at a free port of the serial interfaces of the PC will take place. Choose the serial port, where your miniDaTRC resp. modem is connected, in the window below:



In the pull down menu select the appropriate device. Complete start of connection by pressing „OK“.

A connection with your provider is set up. If necessary you are asked to enter your PIN. The first time you use a SIM card with the wireless modem, you must install the PIN number. This number is delivered with your SIM card. Enter the PIN number into WinDaT Pro+.



After installation of the PIN number the wireless modem tries to log into the wireless network. If this is successful, the name of the provider (There will be mostly a delay with showing up this item) and the quality of the netpower are displayed.

Displayed value should be 8 or higher. For a number below this value please check the antenna connection or relocate the modem with the antenna connection in the room. Instead of a bar antenna you can use the antenna with 3 meter aerial cable enclosed in your consignment. Install antenna with aerial cable close to a window for assuring a good reception.

To enter a new PIN number into your SIM card, click on the button „**Change PIN No**“. Enter the old PIN number and new PIN number into the window placed on the screen. Select „**OK**“ to store the new PIN. After closing this menu with a click on the button „close“ the connection between the modem and the PC will be closed.

Modem is logged onto the net until next power off. After installation of the modem with a miniDaT RC the modified PIN number should be entered in the field „PIN“ inside the menu „**Device parameter**“ – „**RC-Parameter**“ (s. chapter „miniDaT-RC Extras - RC-Parameter“).

Attention: Triple usage of a wrong PIN number could be corrected only with the PUK number of the SIM-card.

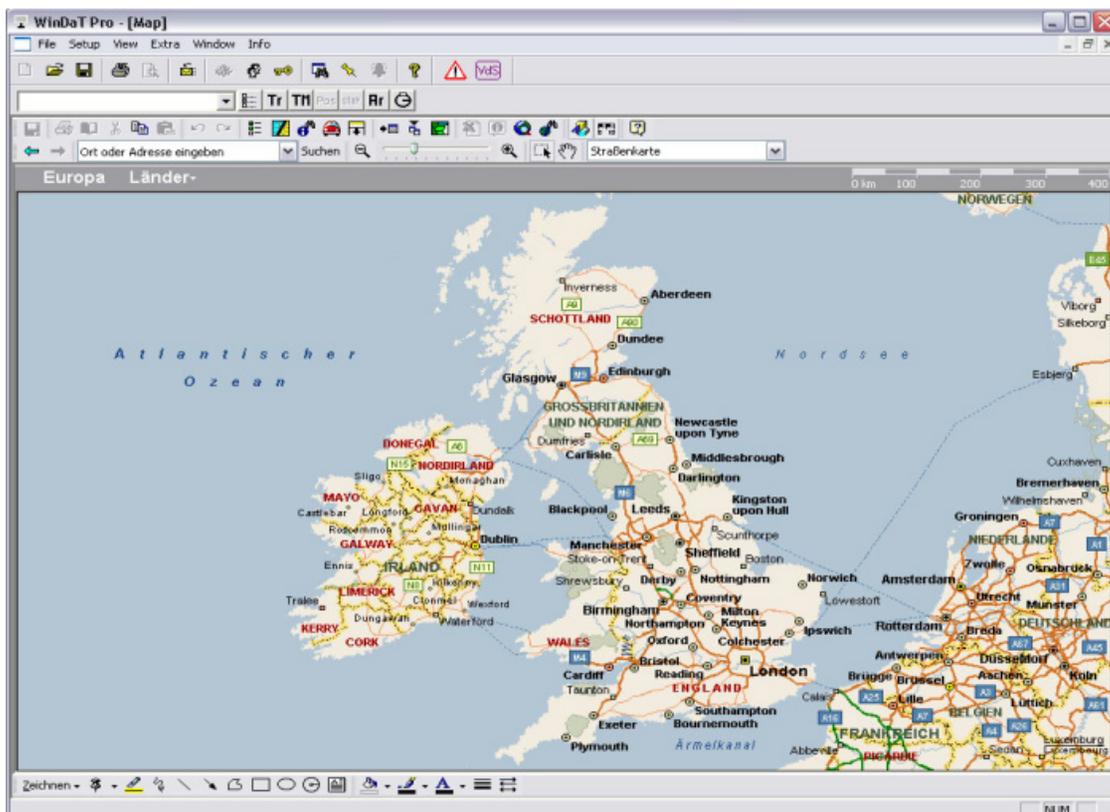
Note: Before the cable is removed between the PC and the modem or the miniDaT-RC always close the menu „Modem Setup“ with „disconnect“ or „close“!

7.8. GPS - Map Point - view map

The map for the GPS data will be displayed after selecting of "Extra" – "View Map" or a click on the button  .

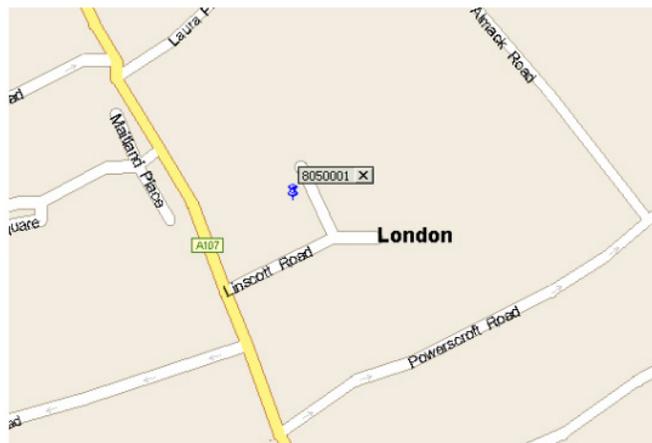
Positions of all machines equipped with a miniDaT-RC-GPS, will be displayed in the form of a **needle** on the map. In the field besides the needle the internal machine no. will be shown.

Attention: The program „Map Point“ is published by Microsoft and isn't part of the program „WinDaT Pro+“. This software has to be purchased and installed separately before any map could be displayed.

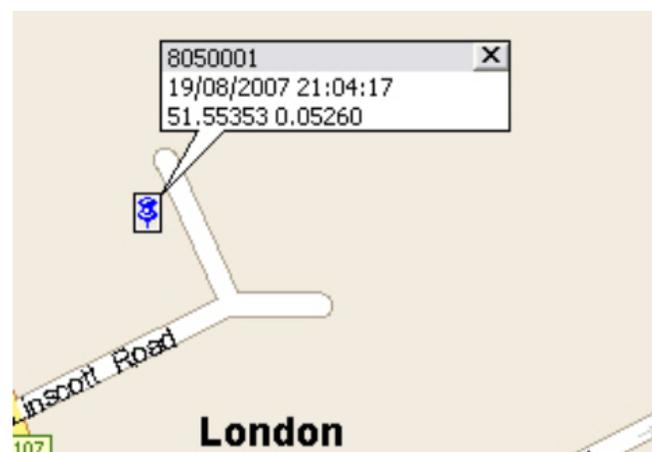


To zoom in a section, drag a square over the position (needle) with your pressed left mouse button. If you let off your mouse, mouse pointer will change into a loupe with a „+“. Click inside the square with the loupe with your left mouse button. You have a magnified view of the map. Do it again, until you have the right size. For more information read the operating manual delivered from Microsoft with the MapPoint CD. There you will also find procedure for installation of the program „Map Point“.

Example:



With your mouse pointer you can select a position needle and for opening the context menu click onto the needle with your right mouse button. Please select „**Show Information**“. Now you will get information about date, time and GPS coordinate of your machine from the last known position.



You will find further information about other functions of the software „Map Point“ in „Microsoft MapPoint“ Help.

Tracking mode

For tracking the current route of a miniDaT-RC-GPS, it's possible to start a tracking mode. In the map view please click on the button and in the following menu select a machine you want to locate. Set how many messages of position miniDaT-RC-GPS should send and in which intervals. Adjust „GSM-modem“ for the appropriate port and click on „Send SMS“. In order that the transmitted position messages of miniDaT-RC-GPS can be processed automatically, the WinDaT-Server function is necessary. Enter the data transfer number of WinDaT Pro Server in the register RC-Parameters of miniDaT-RC-GPS.

Updating map view

Map view is updated continually. If a machine sends a new position to WinDaT Pro+ Server the position will be shown immediately in the map. Consequently you can follow the way of the machine with the tracking mode.

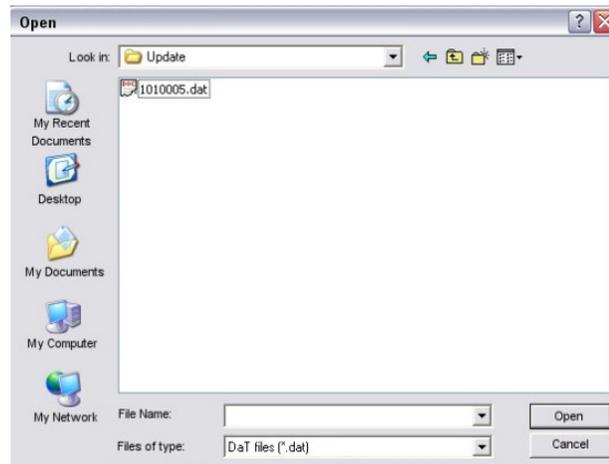
7.9. Load SMS

SMS transmitted from a miniDaT-RC will be stored into the SIM card of the wireless modem connected to WinDaT Pro+. For loading SMS go to the menu „Extra“ and „Load SMS“. Now SMS are loaded from the wireless modem and can be edited as usual. Received machine data could be used as usual. The number of SMS messages, which could be stored on the SIM card of the wireless modem, depends on your provider. At present you can store normally 10 or more SMS. More information about SMS see in the chapters „Device Parameter“ and „WinDaT-Pro+ Server“.

7.10. Import Data

If daily data of a device, which e.g. have been loaded from a notebook or a separate PC, should be imported into the appropriate history file of your computer please proceed in the following way:

1. Copy the file, which should be imported, from the notebook to your PC or connect the notebook into the office network.
2. Start WinDaT Pro+ on the PC. Open the history file, where you want to include the data.
3. Select „File Import“ inside the menu „File“.
4. Search for the data on your PC resp. in the network within the window „Open“ (see illustration opposite).



5. Select the data file and click on the button „Open“.

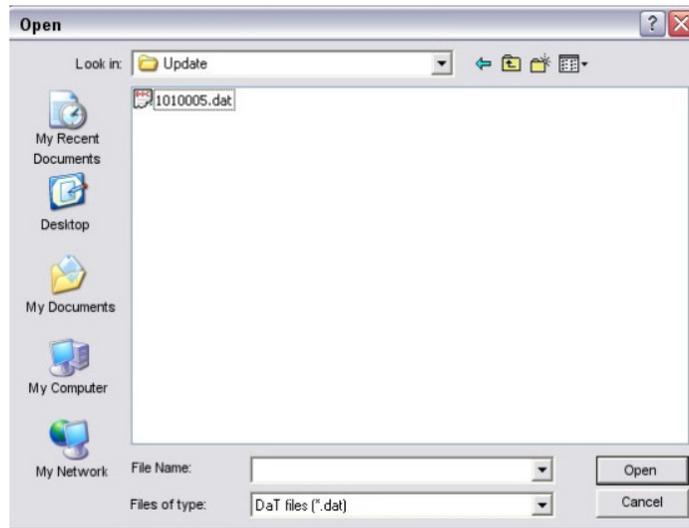
6. If the internal number of the imported data is equal to an internal number of a data file on the PC, the data will be inserted into this history file. If the internal number of the imported data matches to none of the internal numbers in the device DB, a new history file will be created named by the internal number.

7.11. Firmware-Update

WinDaT Pro+ offers to transfer a new firmware into miniDaT-LR or miniDaT-RC devices without removing and sending your device to the manufacturer. Select the command „Firmware-Update“ in the menu „Extra“ and the following window will be displayed:



Then choose the type of device for the DaT device, which should be updated, and via the button „Browse“ set the path to the Firmware-Update, which you have received from the Rösler company.

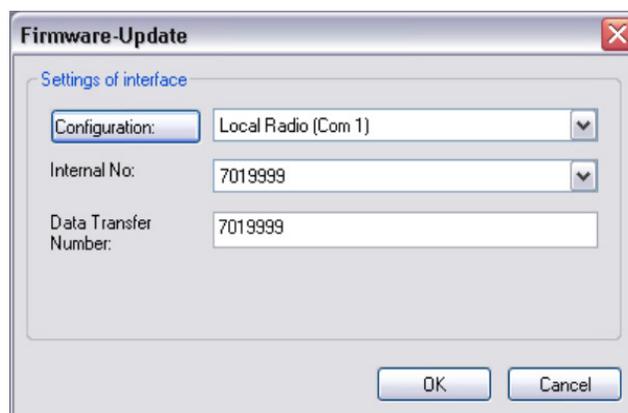


If a suitable file is marked and selected within this window through the button „Open“, the path to this file will be shown in the preceding menu:

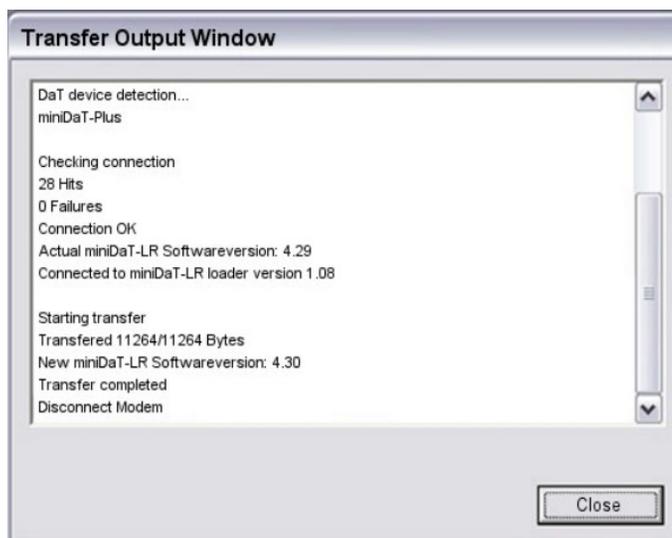


Confirm with „OK“ your selection of the device resp. file. In the following menu you set the interface, which you want to use for data transfer, and the device, that should be updated. Here in our example we update a miniDaT-LR, therefore we must select the setting „Local Radio“ for the port (in this case we must connect a miniDaT-IAP to the port). If the device isn't shown in your range „Internal No“, data transfer number has to be entered manually.

During the update of a miniDaT-RC (-GPS/ATS) please connect this device to a free USB-port of your PC via the USB-Dongle-cable. For configuration choose the setting „DaT Standard (USB 1)“ for this port. An update via radio isn't provided for miniDaT-RC yet.



Click on the button „OK“ to start the firmware update. If the update runs successfully, you will get transfer messages as shown below:

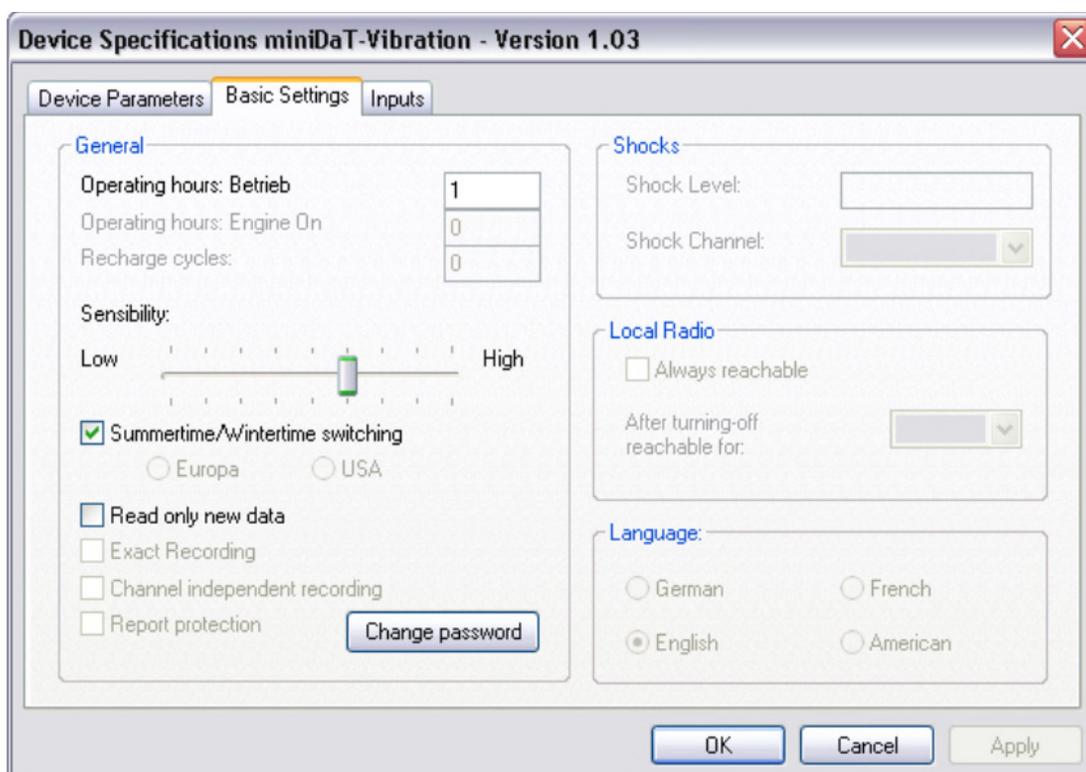


If the process can't be completed e.g. because of bad radio connection, you will get appropriate messages and, if necessary, you have to retry the update.

7.12. miniDaT-Vibration

In the newly developed device miniDaT-Vibration data collection occurs via a device integrated vibration sensor, which provides data for an input channel.

To adapt data recording of miniDaT-Vibration to conditions of your company individually, sensibility of the vibration sensor can be adjusted via WinDaT Pro+. For it select the register „Basic Settings“ in the Device parameters.



For the option Sensibility a medium sensibility is preset as a default. Via the slider the sensibility is adjustable by degrees. When noticing that certain operations of machine are not recorded, the sensibility could be set too low. In this case you should choose a higher sensibility. On the other hand when unwanted vibrations have been recorded in the device, the sensibility could be set too high. In this case the sensibility should be set to a lower level.

If within a minute the vibration sensor reacts to vibrations according to the sensibility adjusted in WinDaT Pro+, this minute is recorded as a minute of operation.

During readout of miniDaT-Vibration with WinDaT Pro+ you should preferably use the USB-Dongle cable, because this supplies the device with voltage. So an additional load of the internal battery of miniDaT-Vibration is prevented.

8. Registry of Specialised Functions

8.1. General

To use optional functions in WinDat Pro+ (i.e. key or server) you will need the newly developed USB-Dongle-cable, which you can purchase at the Rösler company, and an appropriate registration code. The USB-Dongle-cable replaces the Multidongle and its functions.

8.2. Installation and Registration of the USB-Dongle-cable

At first insert the USB-Dongle-cable into an appropriate USB-port of your PC. Please run „WinDaT Pro+“ on your computer. In the program „WinDaT Pro+“ choose the menu „Extra“ and the sub menu „Registration“.

The following should appear:



If WinDaT Pro+ identifies the USB-Dongle-cable, a number will appear inside the field „Dongle-ID“. Select „Register“.



In this window please enter the registration code, which you have received with delivery of the USB-Dongle-cable. Confirm with a click on „OK“.

If the program does not identify the USB-Dongle-cable, retry installation of the USB-Dongle-cable (see chapter „introduction“ the section „Installation of the USB-Dongle-cable“).

If the problem still exists after reinstallation, please contact your dealer.
Now all activated (optional) functions and your entered code number will be displayed after a correct entry of the code.



Please close this window. All registered functions of WinDaT Pro+ can be used as long as the USB-Dongle is not removed from the port of your computer.

9. WinDaT Pro+-Key

9.1. Introduction

WinDaT Pro+ - Key is an optional function of WinDaT Pro+ for managing the access for users to your machines equipped with a key system.

Generally there are two different types of key-data recorders:
Recorder with customer memory and recorder without customer memory.

Data recorder with customer memory includes a serial interface.

The initialization and data collection of the recorded data can be done with this interface via the menu „Device Parameters“ or with help of an Init-Key.

Data recorder without this serial interface will be initialized with a special "Init" key.

The table below gives a summary of the different key systems available.

Equipment	Data Recording	Serial Port	Programming
miniKey	no	no	Init-Key
miniKey D	yes	yes	Init-Key or Device Parameter
miniDaT Key	yes	yes	Device Parameter
miniDaT Key Shock	yes	yes	Device Parameter
DS-E	no	no	Init-Key
DS-ED	yes	yes	Init-Key or Device Parameter
miniDaT-RC (with Key-function)	yes	yes	Device Parameter
miniKey-EC	yes	yes	Device Parameter
miniDaT Key-EC Shock	yes	yes	Device Parameter

On the following pages programming of the device parameters will be displayed. In this chapter you will get information about the "Init" key.

9.2. Programming a device with electronic lock

To program the settings inside a DaT device with an electronic key, first download the parameters stored inside the device. All necessary changes can be done in the register „**Device Parameters**“ in the device parameters menu.

All user relevant settings are linked to the settings on the key (see the section „Key Programming“ of this chapter).

The following screen will be displayed after selection of „**Device parameters**“:

To understand the settings read the description below:

Internal Number: The internal number with up to 7 characters is the unique number for this machine and can be chosen freely. It should identify the machine correctly. All recorded data are stored under this number.

Machine Group: In the dropdown menu you can choose a machine group to which the current machine should belong to. If you want to create a new group, click on the button „machine group“ to open the relating configuration menu.

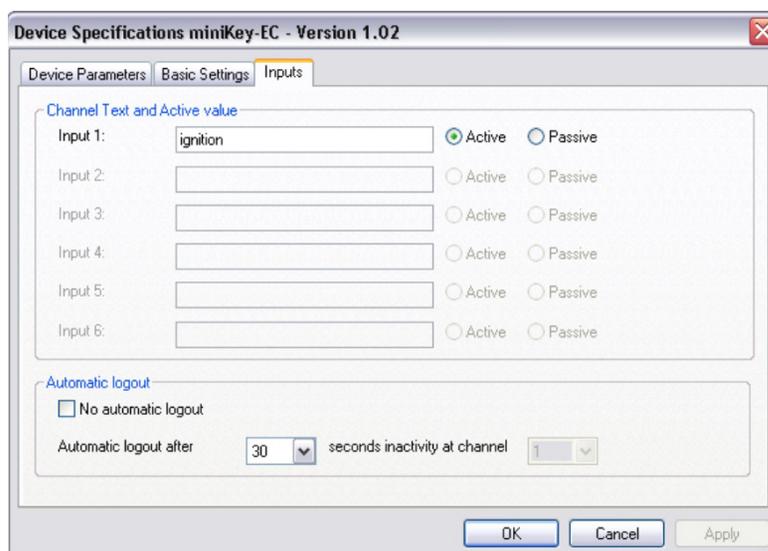
Unit: If a key is used with a programmed account of usable time, into this field the period in minutes can be entered. For details refer to "Key Programming" – "Access Data" - „Account.“

Notice: **Non available functions for certain devices are displayed in grey colour.**

If a miniDaT-RC is equipped with the key function, usage of this function has to be activated in the register „Use“. (see chapter „Device parameter“).

9.3. Automatic logout with miniKey-EC

As follow-up model of miniKey-D the miniKey-EC has an input, which enables an automatic logout at device. Carry out the settings for the input and the automatic logout via the register Inputs of the Device parameters:



Here in the panel Channel Text and Active value the input can be switched to an active or passive state.

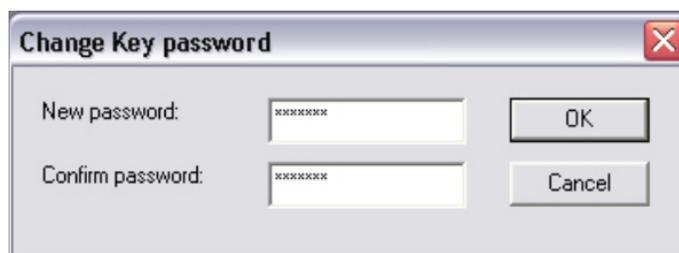
To be able to set automatic logout, the option „No automatic logout“ must be deactivated. In the field next to „Automatic logout after“ choose a value for the delay time. Here a value between „5 seconds and 4 minutes can be determined. At the end of the adjusted delay time for input 1 an user registered at a miniKey-EC is logged out automatically. **Reference:** Further information on automatic logout and miniKey-EC please take from the Installation Manual miniKey-EC.

9.4. Key Password

To secure the keys for the machines, the key information is protected with our security password. Before you can program any key you must initialize the security password inside WinDaT Pro+ - Key. After the initialization the security password is automatically written on each programmed key and transferred into the respective device during key programming. Only one person should know the key password to prevent misuse (theft, undesirable use) when staff member leave your company.

WinDaT Pro+ is delivered with the standard password „AAA“.

To initialize this security password, open the menu "Extra" in the main menu and then the submenu "Key password". You will get the following screen:



In case of a Key password has already been entered, you can change this Key password inside WinDaT Pro+ o -Key only, if you enter the valid Key password.

Please enter the Key password. This password is transferred into the key during key programming. After installing the key into the key reader of a device, the key password and the equipment key password are compared. The equipment will only work if the passwords are identical (see also the section "InitKey").

The key system without a key password is the miniDaTKey (shock). miniDaTKey (shock) has an equipment password. To program a valid key for this device, the key password must correspond with the password of the device.

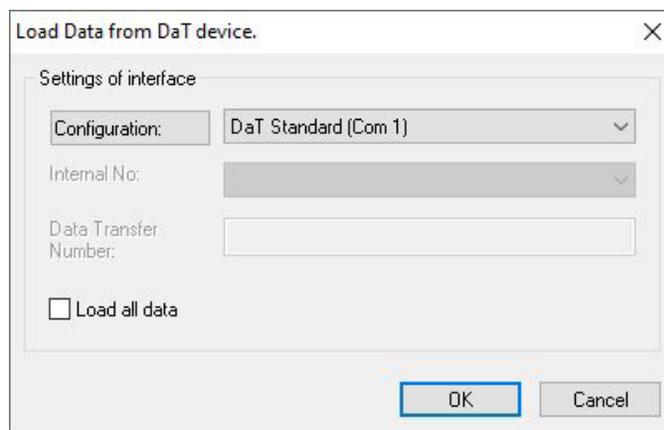
9.5. Key programming

To program or read out information from M-Keys (with data recording) or K-Keys (without data recording) with WinDaT Pro+ - Key, the programming tool „ELKey-PG“ must be used. The ELKey-PG has to be connected to the serial interface on your computer.

If the key adapter ELKey-PG is connected to the serial interface of the PC and WinDaT Pro+ - Key is started you should do the following steps:

Put a M-key or K-Key into the ELKey-PG.

Inside the menu „File“, select „Load Data“.The following screen will be displayed:



Please select the serial interface, where the EIKey-PG is connected to, and finish with „OK“.

Attention: To use the EIKey-PG with older devices e.g. DaT LC-CK select „EIKey PG“. Normally you should continue with the port selected as „EIKey PG V2“.

A key without recorded data displays an empty window when the transfer is done. Recorded data on a key are displayed in the software „WinDaT Pro+“ (See the following pages of this chapter for this topic).

Choose inside „Setup“ the sub menu „Key Parameters“ for programming key parameter. You can also select „Key Parameters“ via the button „Device specifications“ in the tool bar (resp. in the menu „Setup“ the command „Device parameters“). For programming a key without loading data from the key, the button  displays a parameter field with default values from Master-Key.

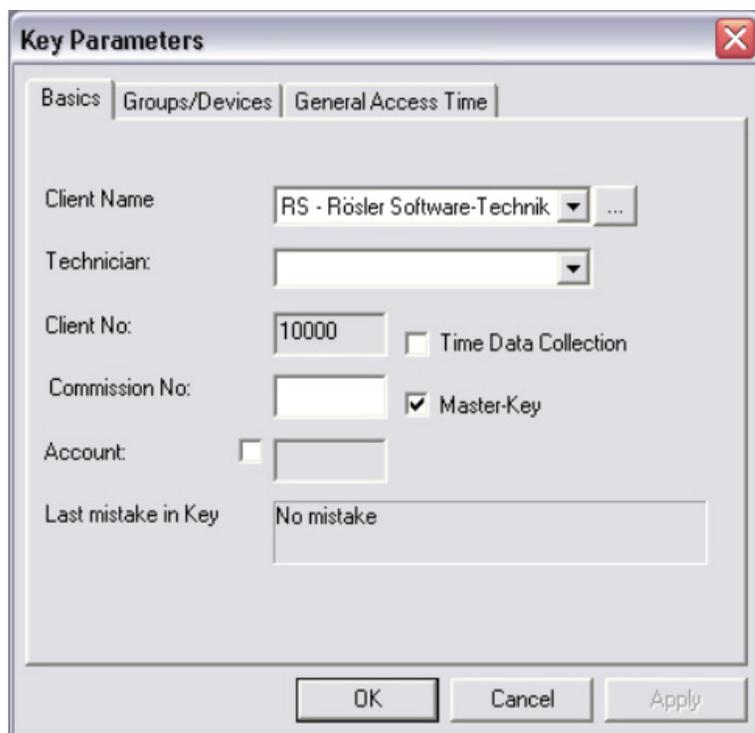
Enter the key parameter into the parameter fields and finish parameter setup with writing the parameter into the key by a click on the button „OK“.

Please note parameter of the active key **won't** be shown.

Attention: Don't activate „data recording“ for K-Key programming.

9.5.1. Access Data

After selecting „Setup“ - “Key Parameters” you get the following screen:



The screenshot shows the 'Key Parameters' dialog box with the following fields and values:

- Client Name: RS - Rösler Software-Technik
- Technician: (empty)
- Client No.: 10000
- Commission No.: (empty)
- Account: (checkbox unchecked, text box empty)
- Last mistake in Key: No mistake
- Time Data Collection: (checkbox unchecked)
- Master-Key: (checkbox checked)

The fields mean in detail:

Client Name:

Client name with identification code stored in the "Customer Address Database"

Technician:

Select a technician of a customer, who you have installed before (refer to „Customer addresses“ in the chapter „system setup“).

Client Number:

Numeric field for client number

Commission No:

Alpha numeric field

Account:

If you use „Account“, you can enter the number of time units. The key is loaded with time units like a prepaid phone card. Within a time unit it is allowed to work with the machine. The key time units are used and counted against zero. If a key is valid for different machines, different time units for usage of the machines are possible (see also section „Installation of the device parameters“ - „Unit“ within this chapter).

Example: For machine „A“ a „5“ is programmed inside the field "Unit", machine „B“ has the value „10“ inside this field. A key usable for both machines is programmed with the account value of 20. The key can be used on machine „A“ for 20 time units each 5 minutes long or with machine „B“ for 20 time units each 10 minutes long.

The account for machine „A“ together with machine „B“ is 20 time units!

This function „Account“ can only be used with miniDaTKey (Shock)!

Time Data Collection:

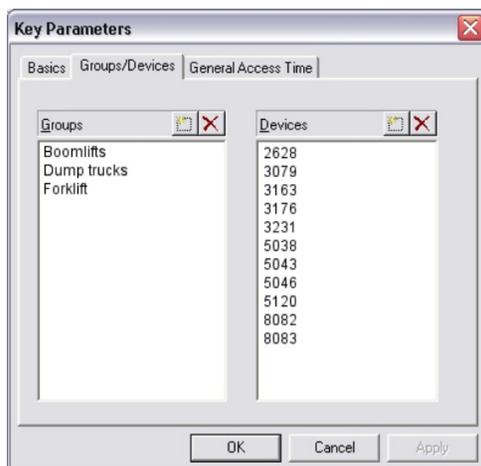
Only M-Key's could optionally be used to record data of use inside the key.

Master-Key:

This function is only available for certain devices. For detailed explanations please read the appropriate operating manuals e.g. miniDaT-RC and miniDaT Key.

9.5.2. Groups/Devices

After selecting the register „Groups/Devices“ the following screen is displayed:



To program a key for a single machine or group of machines, select the desired groups or devices in the window. You can set an operator for the machines, who is allowed to work with them with the key. In our example above the operator is permitted to work with all machines of the groups „Boomlifts“, „Dump trucks“ and „Forklift“ and additional with the devices from number „2628“ to „8083“.

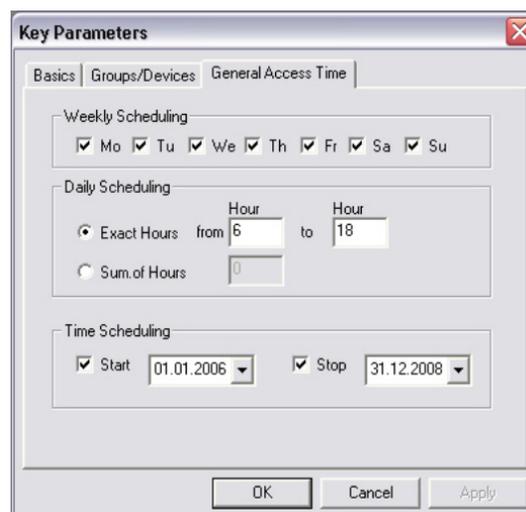
If a single machine already belongs to one of the selected groups, it won't be necessary to choose separately this machine again.

It is possible to program on a single key access for one or more machines or groups of machines (see picture above). If no machine or machine group is selected, the key will be authorised for every machine in the fleet.

Attention: A key without any machine or machine group is called „Master Key“. With this key the user can operate all machines!

9.5.3. General Access Time

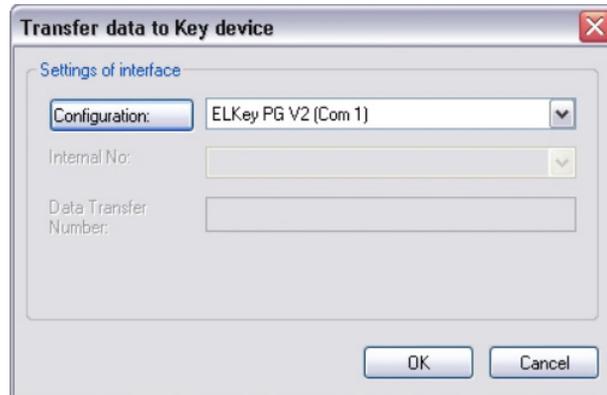
After choosing the register „General Access Time“, you will see the following window. In the „Key Parameters“ select the authorised days of the week by marking the respective boxes and as well the period of usage for key programming. You can also specify the validity period. If you choose the start date and the end date, the key will only be valid for this period. If you constrict operational time, please mind that time and date of your PC resp. in your Key device correspond. For more details about key programming see the following pages.



Note: To check whether the parameters described above are valid on your equipment have a look at the manuals (Dat LC-CK, DaT-DS, miniKey).

9.5.4. Transfer Data to Key device

After installation of all key parameters, the key programming must be started with a click on „OK“. The menu „**Transfer data to Key device**“ appears automatically.

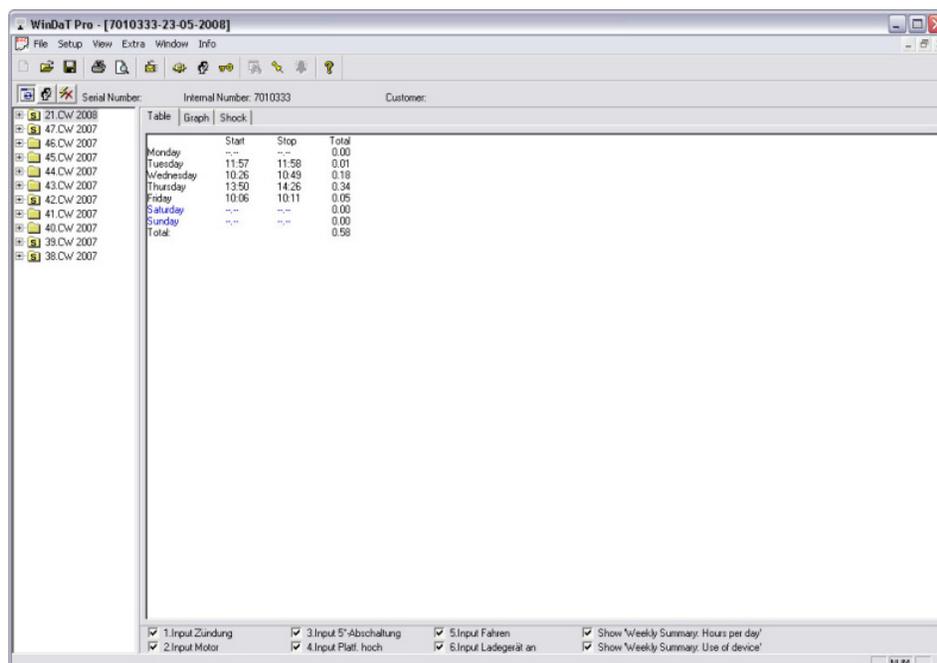


For data transfer choose the serial interface, normally EIKey PG V2, linked to the ELKey-PG adapter. If you click „OK“ the settings are written into the key fitted on the ELKey-PG adapter.

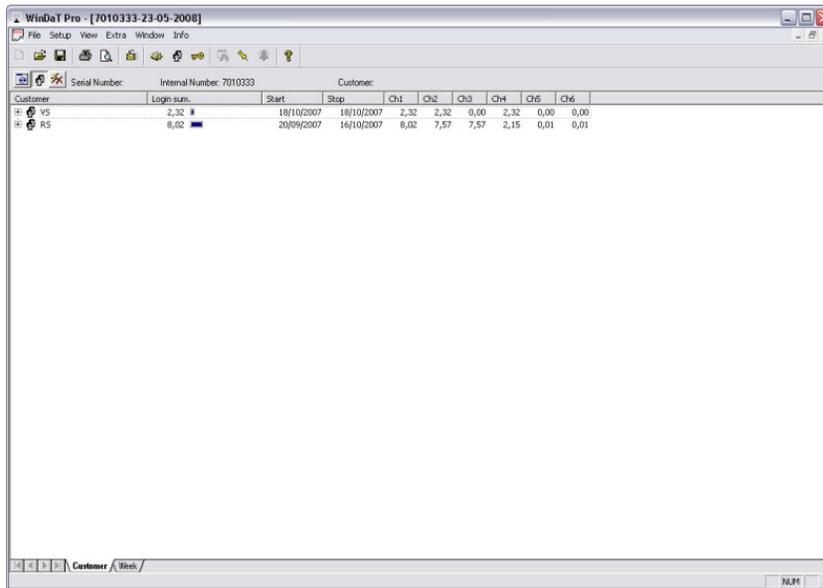
Attention: For older devices (e.g. DaT-LCCK) choose „EIKey PG“.

9.6. Analysis of customer data

After downloading recorded data (example LC-CK Shock) from the device the following window will be displayed:



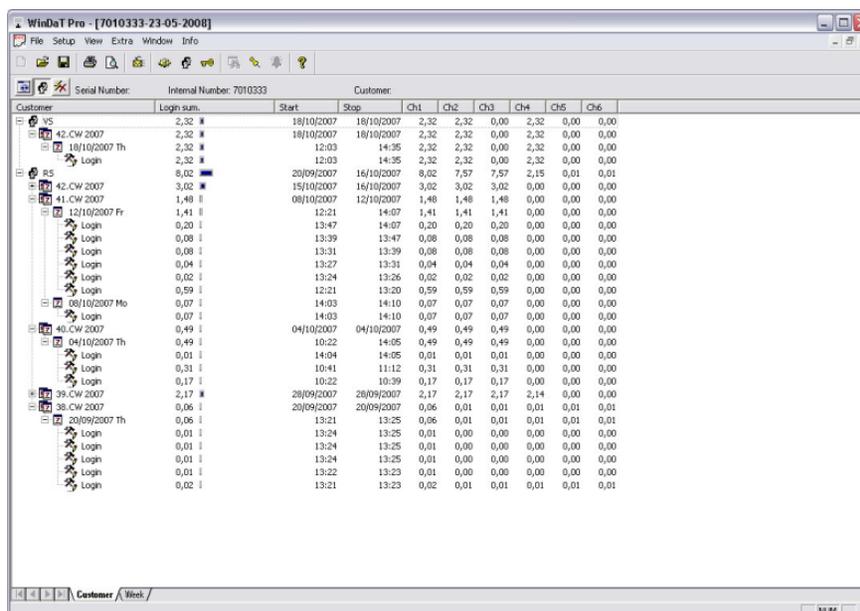
Select Customer Data by pressing the button  and the following window appears, which is sorted according to customers:



Customer	Serial Number	Internal Number	Customer	Login sum.	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
# VS		7010333		2,32	18/10/2007	18/10/2007	2,32	2,32	0,00	2,32	0,00	0,00
# RS		7010333		8,02	20/09/2007	16/10/2007	6,02	7,57	7,57	2,15	0,01	0,01

All customers with their keys using this machine will be displayed with total period of use as well as first and last day of usage. If the data recorder is equipped with input channels, data for the single channels with their measured times will also be displayed.

Click on the sign „+“ in the beginning of one row of a customer in the tree view and the data are displayed in detail for the recorded weeks & days and times when the key was used on this machine by the customer:



Customer	Serial Number	Internal Number	Customer	Login sum.	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
VS		7010333		2,32	18/10/2007	18/10/2007	2,32	2,32	0,00	2,32	0,00	0,00
42.CW 2007		7010333		2,32	18/10/2007	18/10/2007	2,32	2,32	0,00	2,32	0,00	0,00
18/10/2007 Th		7010333		2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
Login		7010333		2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
RS		7010333		8,02	20/09/2007	16/10/2007	6,02	7,57	7,57	2,15	0,01	0,01
42.CW 2007		7010333		3,02	15/10/2007	16/10/2007	3,02	3,02	3,02	0,00	0,00	0,00
41.CW 2007		7010333		1,48	08/10/2007	12/10/2007	1,48	1,48	1,48	0,00	0,00	0,00
12/10/2007 Fr		7010333		1,41	12:21	14:07	1,41	1,41	1,41	0,00	0,00	0,00
Login		7010333		0,20	13:47	14:07	0,20	0,20	0,20	0,00	0,00	0,00
Login		7010333		0,08	13:39	13:47	0,08	0,08	0,08	0,00	0,00	0,00
Login		7010333		0,08	13:31	13:39	0,08	0,08	0,08	0,00	0,00	0,00
Login		7010333		0,04	13:27	13:31	0,04	0,04	0,04	0,00	0,00	0,00
Login		7010333		0,02	13:24	13:26	0,02	0,02	0,02	0,00	0,00	0,00
Login		7010333		0,59	12:21	13:20	0,59	0,59	0,59	0,00	0,00	0,00
08/10/2007 Mo		7010333		0,07	14:03	14:10	0,07	0,07	0,07	0,00	0,00	0,00
Login		7010333		0,07	14:03	14:10	0,07	0,07	0,07	0,00	0,00	0,00
40.CW 2007		7010333		0,49	04/10/2007	04/10/2007	0,49	0,49	0,49	0,00	0,00	0,00
04/10/2007 Th		7010333		0,49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
Login		7010333		0,01	14:04	14:05	0,01	0,01	0,01	0,00	0,00	0,00
Login		7010333		0,31	10:41	11:12	0,31	0,31	0,31	0,00	0,00	0,00
Login		7010333		0,17	10:22	10:39	0,17	0,17	0,17	0,00	0,00	0,00
39.CW 2007		7010333		2,17	20/09/2007	20/09/2007	2,17	2,17	2,17	2,14	0,00	0,00
38.CW 2007		7010333		0,06	20/09/2007	20/09/2007	0,06	0,01	0,01	0,01	0,01	0,01
20/09/2007 Th		7010333		0,06	13:21	13:25	0,06	0,01	0,01	0,01	0,01	0,01
Login		7010333		0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login		7010333		0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login		7010333		0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login		7010333		0,01	13:22	13:23	0,01	0,00	0,00	0,00	0,00	0,00
Login		7010333		0,02	13:21	13:23	0,02	0,01	0,01	0,01	0,01	0,01

If you switch from the display „Customer“ to the display „Week“ with a click on „+“ in front of the row of a calendar week, data will be shown chronologically Displayed:

Week	Login sum.	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
42.CW 2007	5,34	15/10/2007	18/10/2007	5,34	5,34	3,02	2,32	0,00	0,00
18/10/2007 Th	2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
VS	2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
Login	2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
16/10/2007 Tu	1,17	13:09	14:37	1,17	1,17	1,17	0,00	0,00	0,00
RS	1,17	13:09	14:37	1,17	1,17	1,17	0,00	0,00	0,00
Login	1,15	13:22	14:37	1,15	1,15	1,15	0,00	0,00	0,00
Login	0,02	13:09	13:11	0,02	0,02	0,02	0,00	0,00	0,00
15/10/2007 Mo	1,45	11:36	14:29	1,45	1,45	1,45	0,00	0,00	0,00
RS	1,45	11:36	14:29	1,45	1,45	1,45	0,00	0,00	0,00
Login	0,26	14:03	14:29	0,26	0,26	0,26	0,00	0,00	0,00
Login	1,19	11:36	12:55	1,19	1,19	1,19	0,00	0,00	0,00
41.CW 2007	1,48	08/10/2007	12/10/2007	1,48	1,48	1,48	0,00	0,00	0,00
40.CW 2007	0,49	04/10/2007	04/10/2007	0,49	0,49	0,49	0,00	0,00	0,00
04/10/2007 Th	0,49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
RS	0,49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
Login	0,01	14:04	14:05	0,01	0,01	0,01	0,00	0,00	0,00
Login	0,31	10:41	11:12	0,31	0,31	0,31	0,00	0,00	0,00
Login	0,17	10:22	10:39	0,17	0,17	0,17	0,00	0,00	0,00
39.CW 2007	2,17	28/09/2007	28/09/2007	2,17	2,17	2,17	2,14	0,00	0,00
38.CW 2007	0,06	20/09/2007	20/09/2007	0,06	0,01	0,01	0,01	0,01	0,01
20/09/2007 Th	0,06	13:21	13:25	0,06	0,01	0,01	0,01	0,01	0,01
RS	0,06	13:21	13:25	0,06	0,01	0,01	0,01	0,01	0,01
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:22	13:23	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,02	13:21	13:23	0,02	0,01	0,01	0,01	0,01	0,01

Displayed are the first and last day of usage and (if available) the channel data. Click on the tree sign „+“ to get a detailed description of days and customers as well as customers´ logons for each day the machine has worked.

To print some or all data, mark the desired rows. Choose the print command.

Week	Login sum.	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
42.CW 2007	5,34	15/10/2007	18/10/2007	5,34	5,34	3,02	2,32	0,00	0,00
18/10/2007 Th	2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
VS	2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
Login	2,32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
16/10/2007 Tu	1,17	13:09	14:37	1,17	1,17	1,17	0,00	0,00	0,00
RS	1,17	13:09	14:37	1,17	1,17	1,17	0,00	0,00	0,00
Login	1,15	13:22	14:37	1,15	1,15	1,15	0,00	0,00	0,00
Login	0,02	13:09	13:11	0,02	0,02	0,02	0,00	0,00	0,00
15/10/2007 Mo	1,45	11:36	14:29	1,45	1,45	1,45	0,00	0,00	0,00
RS	1,45	11:36	14:29	1,45	1,45	1,45	0,00	0,00	0,00
Login	0,26	14:03	14:29	0,26	0,26	0,26	0,00	0,00	0,00
Login	1,19	11:36	12:55	1,19	1,19	1,19	0,00	0,00	0,00
41.CW 2007	1,48	08/10/2007	12/10/2007	1,48	1,48	1,48	0,00	0,00	0,00
40.CW 2007	0,49	04/10/2007	04/10/2007	0,49	0,49	0,49	0,00	0,00	0,00
04/10/2007 Th	0,49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
RS	0,49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
Login	0,01	14:04	14:05	0,01	0,01	0,01	0,00	0,00	0,00
Login	0,31	10:41	11:12	0,31	0,31	0,31	0,00	0,00	0,00
Login	0,17	10:22	10:39	0,17	0,17	0,17	0,00	0,00	0,00
39.CW 2007	2,17	28/09/2007	28/09/2007	2,17	2,17	2,17	2,14	0,00	0,00
38.CW 2007	0,06	20/09/2007	20/09/2007	0,06	0,01	0,01	0,01	0,01	0,01
20/09/2007 Th	0,06	13:21	13:25	0,06	0,01	0,01	0,01	0,01	0,01
RS	0,06	13:21	13:25	0,06	0,01	0,01	0,01	0,01	0,01
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:24	13:25	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,01	13:22	13:23	0,01	0,00	0,00	0,00	0,00	0,00
Login	0,02	13:21	13:23	0,02	0,01	0,01	0,01	0,01	0,01

Data will be printed as follows:

```
Customer data Page 01          from: 15/10/2007  to: 04/10/2007
-----
```

Company :
Street :
City :
Manufa: , SerNo: , IntNo: 7010333
File :

Customer	On	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
42. CW 2007	5:34	15/10	18/10	5,34	5,34	3,02	2,32	0,00	0,00
18/10 Th	2:32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
VS	2:32	12:03	14:35	2,32	2,32	0,00	2,32	0,00	0,00
16/10 Tu	1:17	13:09	14:37	1,17	1,17	1,17	0,00	0,00	0,00
RS	1:17	13:09	14:37	1,17	1,17	1,17	0,00	0,00	0,00
	1:15	13:22	14:37	1,15	1,15	1,15	0,00	0,00	0,00
	0:02	13:09	13:11	0,02	0,02	0,02	0,00	0,00	0,00
15/10 Mo	1:45	11:36	14:29	1,45	1,45	1,45	0,00	0,00	0,00
RS	1:45	11:36	14:29	1,45	1,45	1,45	0,00	0,00	0,00
	0:26	14:03	14:29	0,26	0,26	0,26	0,00	0,00	0,00
	1:19	11:36	12:55	1,19	1,19	1,19	0,00	0,00	0,00
41. CW 2007	1:48	08/10	12/10	1,48	1,48	1,48	0,00	0,00	0,00
40. CW 2007	0:49	04/10	04/10	0,49	0,49	0,49	0,00	0,00	0,00
04/10 Th	0:49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
RS	0:49	10:22	14:05	0,49	0,49	0,49	0,00	0,00	0,00
	0:01	14:04	14:05	0,01	0,01	0,01	0,00	0,00	0,00
	0:31	10:41	11:12	0,31	0,31	0,31	0,00	0,00	0,00
	0:17	10:22	10:39	0,17	0,17	0,17	0,00	0,00	0,00

9.7. Analysing key data

To transfer collected machine data from M-Key into WinDaT Pro+, stick the key into the ELKey-PG adapter. Open the sub menu "Load data" in the menu "File".

The transferred data are displayed in the window "Device" in the following way:

The screenshot shows the WinDaT Pro software interface. The title bar reads "WinDaT Pro - [RS-23-05-2008]". The menu bar includes "File", "Setup", "View", "Extra", "Window", and "Info". The toolbar contains various icons, including a key icon. The main window displays the following information:

Customer: Rüsler Software-Technik GmbH, Herr Rüsler

Device	Login sum.	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
7010333	0,05	23/05/2008	23/05/2008	0,05	0,05	0,05	0,02	0,00	0,00
23/05/2008 Fr	0,05	11:27	11:32	0,05	0,05	0,05	0,02	0,00	0,00
Login	0,05	11:27	11:32	0,05	0,05	0,05	0,02	0,00	0,00

The status bar at the bottom shows "OrderNR \ Device \ Week" and "NUM".

Recorded data from the key are displayed for each machine. The data contain: Internal machine number, Start date of use, End date of use and a summary of the total time of usage (Login sum). Used machines are sorted according to the internal machine number. The miniDaT Key shows additionally channel data.

By selecting an internal machine number (single click), the recorded data for each day are displayed. In the tree view with a click on „+“ in front of the internal number you will find a separate schedule of calendar days, on which the machine was used and information about when it was registered.

If you change to the tab „Order No.“ the view is sorted according to the order number, which will be higher-level above the device view in the tree view, if you have entered this number during key-programming.

An alternative screen is displayed after choosing the view „**Week**“:

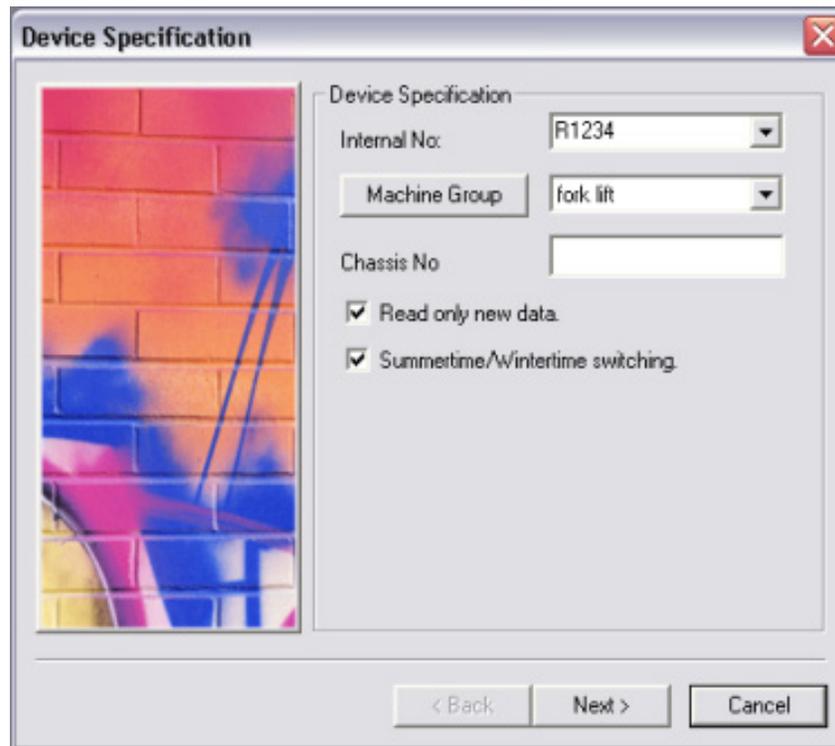
The screenshot shows the WinDaT Pro software interface with a table of recorded access times. The table is sorted by calendar weeks. The columns are: Week, Login sum., Start, Stop, Ch1, Ch2, Ch3, Ch4, Ch5, and Ch6. The data is as follows:

Week	Login sum.	Start	Stop	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6
21.CW 2008	0,05	23/05/2008	23/05/2008	0,05	0,05	0,05	0,02	0,00	0,00
23/05/2008 Fr	0,05	11:27	11:32	0,05	0,05	0,05	0,02	0,00	0,00
7010333	0,05	11:27	11:32	0,05	0,05	0,05	0,02	0,00	0,00
Login	0,05	11:27	11:32	0,05	0,05	0,05	0,02	0,00	0,00

Here the recorded access times on the keys are displayed, which are sorted according to the calendar weeks. After selection of a special week with a click on „+“ in front of a calendar week, all days with usage of the machine are displayed. A selected day shows each machine used on this day and its login times. You will find internal number of used machines under the single week days.

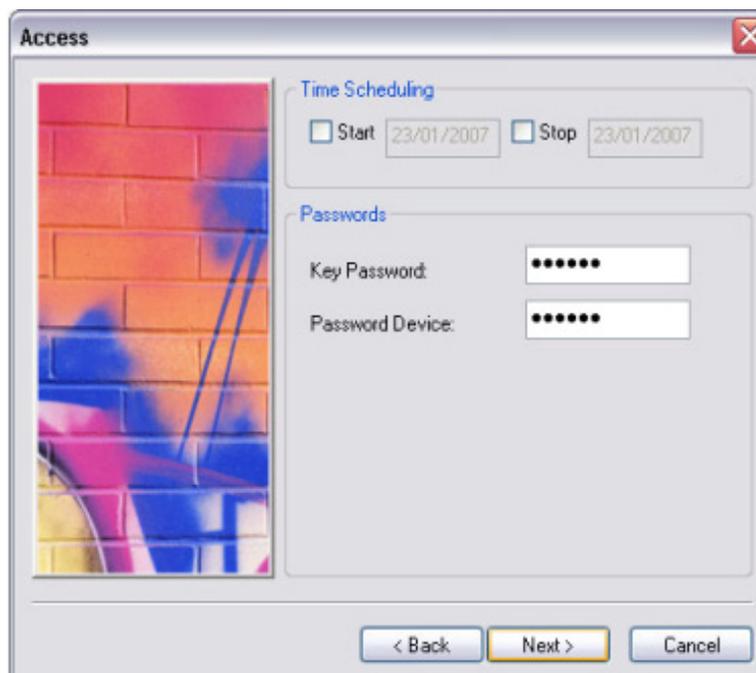
9.8. InitKey

To initialise the basic settings for the anti-theft-device DaT DS-E, DaT DS-ED and miniKey without a serial interface you must program an InitKey. Please open the menu „**File**“ in the main screen and go to the submenu „**Create InitKey**“.



Within this window you can assign the machine to a group. If you don't specify the items, each key with valid password and valid period of use will be available on this machine. We recommend to you always assigning an internal number. Otherwise no identification of the single machine would be possible on the basis of the key data.

The option „Read only new data“ is designed for key systems with a serial interface. If this option is marked, only data since last read out will be transferred during read out. With a click on the button „Next“ you confirm your entry. The next screen shows the window for the access parameters:

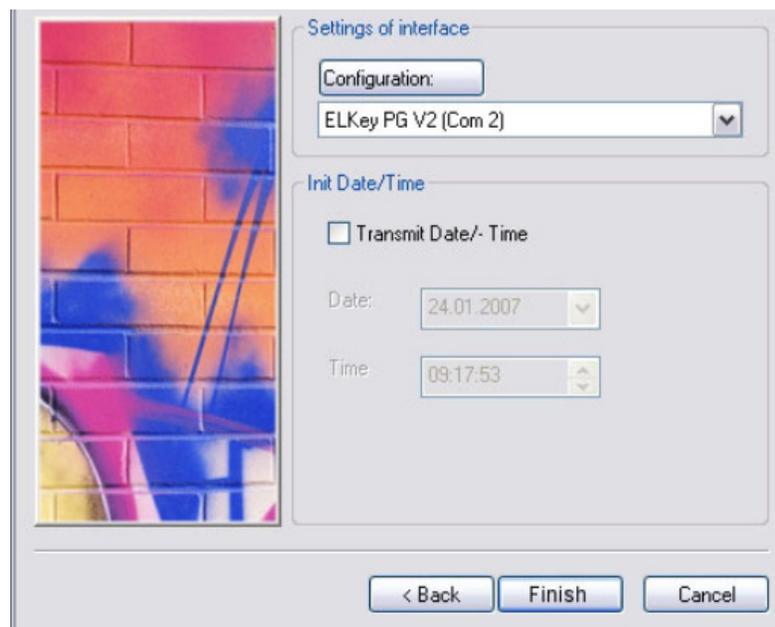


Time Scheduling: Access time of the InitKey could be restricted temporally with a start date and finish date. With no entry the key is valid continually.

Key password: Enter the current key password stored inside the equipment which should be programmed with the InitKey. During first time programming of device by an Initkey the standard password „aaa“ (triple „a“) has to be entered in this field. During programming of device the key password, which you have set in the menu „Extra“ - „Key password“, will be stored into the equipment. Next time this password will be the valid password for this equipment.

Password device: Enter the password, that will be checked every time before the data could be displayed after a data transfer into WinDaT Pro+ (see in the chapter „system setup“ for the topic „password“ in the section „Users / Passwords“ and „Users Administration“.)

Please click "Next" for the transfer screen:



In this menu make settings for the interface, resp. date and time. Now data can be written onto the key. If date and time should be transferred, the key should be inserted immediately into the data recorder after programming.

With the button "Configuration" the displayed interface for the EIKey-PG can be set.

Click on "Finish" to transfer data into the key.

9.9. Interlock a key

In case of losing a key, WinDaT Pro+ - Key is able to interlock this key for undesirable usage of a machine. Select the menu „Customer Addresses“ and mark a customer, who`s key should be interlocked. Choose „Edit“ and block all customer keys or only single keys (in case technicians are installed for this customer).

For interlocking separate technician keys mark them within the technician list and click on „Block“.

If you want to interlock a customer with all associated technicians, activate the option „Customer Block“ in the panel „client status“.

Customer data	
Name:	Herr Rösler
Company:	Rösler Software-Technik GmbH
Street:	Auf dem Berge 22
Postal/City:	D-28844 Weyhe
Phone:	+49 421 8022 700
Fax:	+49 421 8099 397
Comment:	e-mail: Roesler_GmbH@t-online.de
Logogram:	RS Customer No. 10000

Client status	
<input checked="" type="checkbox"/> Customer block - 24/04/2023	
<input type="checkbox"/> Mark client as removed	

Technician	
Name	Block

Leave with a click on „OK“ for saving your modifications. In the window „Customer Addresses“ select „Block-Key/-List“.

The window „Create Block-Key/-List“ appears, displayed next to, which shows a list of the customers, who are interlocked.

In this menu select the customers without access for the equipment. Please mind that the list contains maximal 20 marked entries. There are two ways for transferring the list to the device:

1. with Block-Key to all Key-devices:

In this case choose „ELKeyPG V2“ for the interface and send the list into the key.

Attention: For this only a **M-Key** is suitable!

2. via modem- or dongle cable for a miniDaT-RC with keyfunction:

Adjust the appropriate modem for the interface resp. „DaT Standard (USB 1)“, if the PC is connected to a miniDaT-RC via an USB-Dongle-cable.

Time Scheduling

Start 24/01/2007 Stop 03/02/2007

Company	Technician	Block
<input checked="" type="checkbox"/> Meyer		24/01/2007

You block 1 customer(s)

Settings of interface

Configuration: ELKey PG V2 (Com 2)

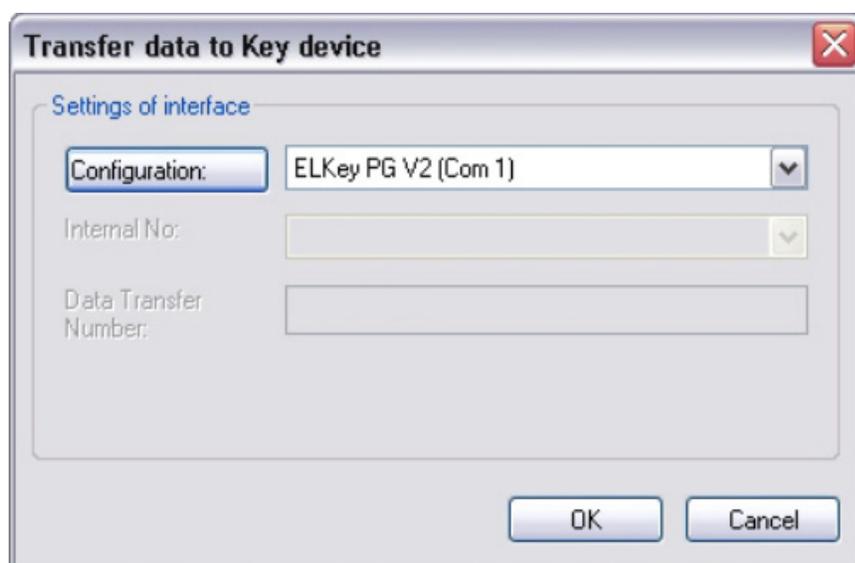
IntNo: BA63

Data Transfer Number: 01754349264

Afterwards click on „Send“ for transferring the Block-Key-List into the Block-Key or miniDaT-RC. For transferring the list from the Block Key into the device, the Block-Key must be inserted into the key reader of the device.

9.10. Key-Initialisation

If a key of WinDaT Pro+, which was valid before, couldn't be read out any more (possible reasons are: manipulation or EMV-failures), it's possible to reinitialise this key. For it please select in the menu „Extra“ - „Key-Initialisation“. Within the window choose the interface, which ELKey-PG is connected to, with the setting „ELKey PG V2“. Insert the key into the key reader of the device and confirm with „OK“.



In the following menu the serial number of the key is displayed and as well the unlock code, if the key has already been read out successfully with WinDaT Pro+. The unlock code is necessary for reinitialising of the key. If no unlock code is shown, you could request for a suitable code on the basis of your serial number at the Rösler company.

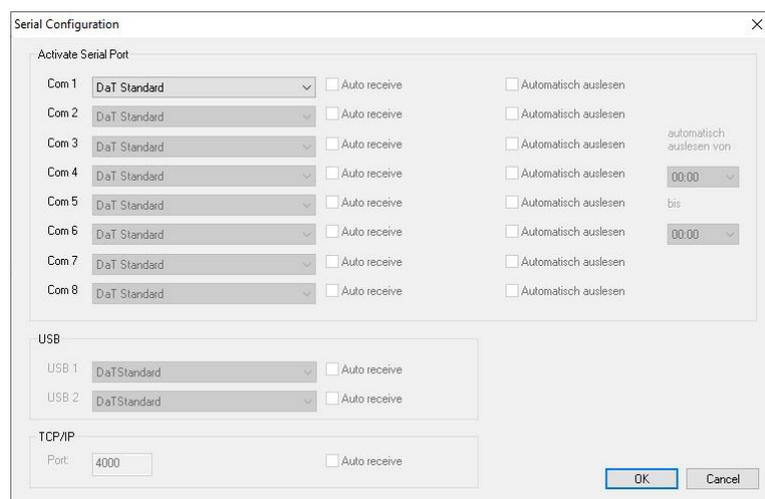


Click the button „OK“ to start initialisation. If the unlock code is incorrect, you will get an adequate message. Otherwise in the following window „transfer messages“ the message „transfer OK“ is shown.

10. WinDaT Pro-Server

10.1. Auto Receive

With automatic receiving WinDaT Pro+ receives data automatically via a modem or a DaT-CB. To make the settings for the links between your computer and the DaT equipment choose the menu „Extra“ - „Serial Configuration“. In the window you can define which interface should be connected to which device (modem or CB-Box).



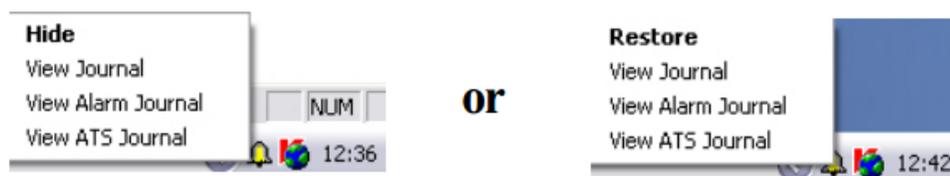
If „Auto receive“ is activated for an interface, WinDaT Pro+ will permanently be ready to receive. If a DaT-CB is connected to the appropriate interface (figure on the left DaT Standard (USB1)), after pressing the start button of the DaT-CB, WinDaT Pro+ - Server will automatically load data from this device (see „CB setup“ in the chapter „various functions“).

The automatic data transfer from a miniDaT-RC into WinDaT-Server will only be possible if the „Server-No.“ and the „wake up time“ inside the miniDaT-RC are installed correctly. In the menu „Device parameters“ - „RC-Parameter“ please start with making these settings. Enter for the „Server-No.“ the data transfer number of the GSM-modem connected to your PC.

Before first data could be received via SMS data from this machine must be loaded once online or as direct connection per USB-Dongle-cable into WinDaT Pro+. This first data transfer is necessary to create the history file for this machine and to assign data from the incoming SMS to the appropriate machines.

When auto receive is activated, a small icon is displayed on the taskbar notification area of Windows (next to the time). A small phone is the sign for the activated modem line, a small bell signals an activated DaT-CB line. With a click on one of these symbols with your right mouse button, you will obtain the following menus:

1. Hide or Restore

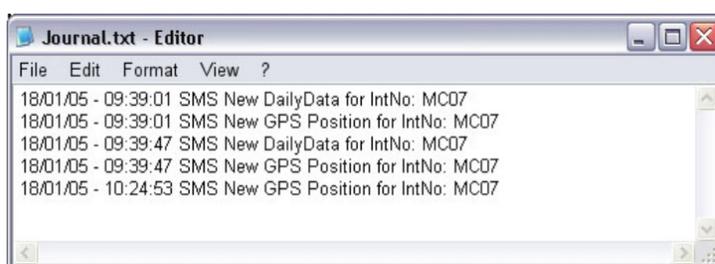


This function hides WinDaT Pro+ or shows it as the active program on your screen. When you have finished work with an WinDaT Pro+ session, click on the bell or phone.

A click on „hide“ will hide the running WinDaT Pro+ from the desktop, but the program is still active. If you want to use WinDaT Pro+ just click on the little phone or the little bell again with the right mousebutton and select „restore“. WinDaT Pro+ will appear immediately on your screen.

2. View journal

After selecting „View Journal“ in the menu „Extra“ - „Journal“ the following will be displayed:



Each automatic transfer from a miniDaT-RC or a DaT-CB is recorded here. You get information about when and from which machine you last have received data. If new data have been received since the last opening of the Journal, the symbol of the phone or the bell is marked with a blue background -> 

Open the journal again and find new data in this file. When you close this window, the blue colour of the icon disappears.

To load all transmitted SMS automatically into WinDaT Pro+, the modem must be activated („Extra“ - „Serial Configuration“). In the menu select „Auto receive“.

Attention: Automatic loading of SMS is only possible with a GSM modem!

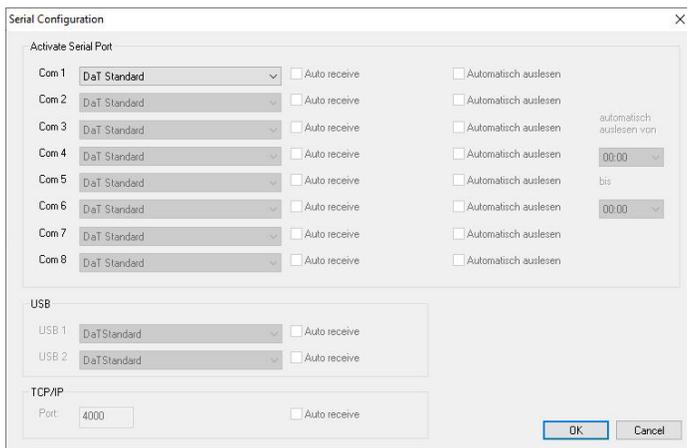
Without an activated „Auto Receive“ the transmitted SMS will be stored inside the SMS Service Center of your telephone company. If your GSM modem is switched off or your sms storage has reached its limit, next SMS will be buffered in the storage of your SMS Service Center. The number of SMS messages that can be stored and for how long depends on each telephone company. Received SMS can be transmitted manually from the SMS Service Center. Please use „Extra“ – „Load SMS“.

If the automatic transfer is enabled, manual carried out procedures like send and receive data or delete data can also be used. You don't have to deactivate „Auto Receive“.

10.2. Auto Receive via Internet

Attention: For receiving data automatically from a GPRS-enabled miniDaT-RC, with WinDaT Pro+ - Server a determined IP-Address is necessary.

For activating „Auto Receive“ via internet at first open „Serial Configuration“ in the menu „Extra“.



Through basic setting you can set the option for the data, which are transmitted via internet, that you receive them via Port 4000.

If desired set another value in the field „TCP/IP“. But please mind to enter this value in the „RC-Parameter“ of miniDaT-RC as well.

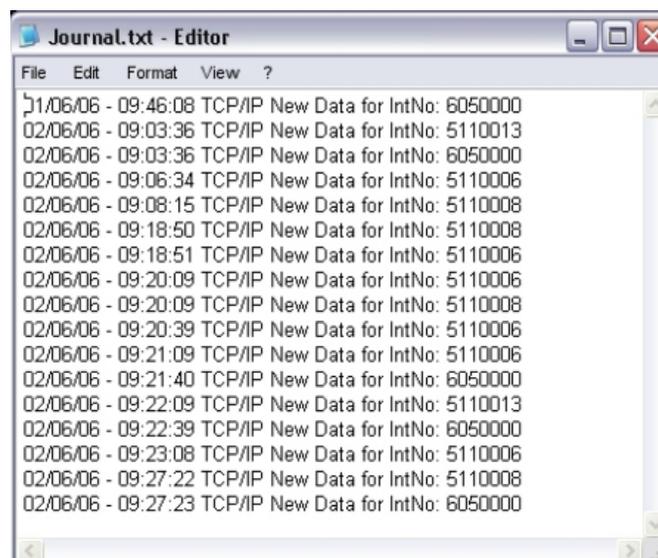
After a successful activation of Auto Receive via internet an icon is shown as a globe in the taskbar notification area of the screen:



Activation of Auto Receive via internet is only possible when you are online!

With the symbol „globe“ you can select with a right click of your mousebutton the commands „hide“ and „restore“. Open the Journal in the same way.

In the Journal received data via Internet are recorded:



11. WinDaT-Tracking

11.1. Tracking

The „Tracking“ function can be used to visualise positions of the single machines inside the mapping software MapPoint. The tracked locations of a machine at a defined time or over a period of time can also be displayed.

To make machine locations visible within the tracking mode WinDaT Pro+ has to be started. After running WinDaT Pro+, MapPoint must be selected (refer to the section „GPS - Map - Point view map“ in the chapter „various functions“).

Tracking of a machine could be done online and offline from stored or loaded data records. To track offline, the machine data have to be loaded into WinDaT Pro+ from miniDaT-RC.

To track updated data, they have to be downloaded from the machine.

To track, click on the „Tracking sign“.



The window „Tracking Set-up“ pops up.

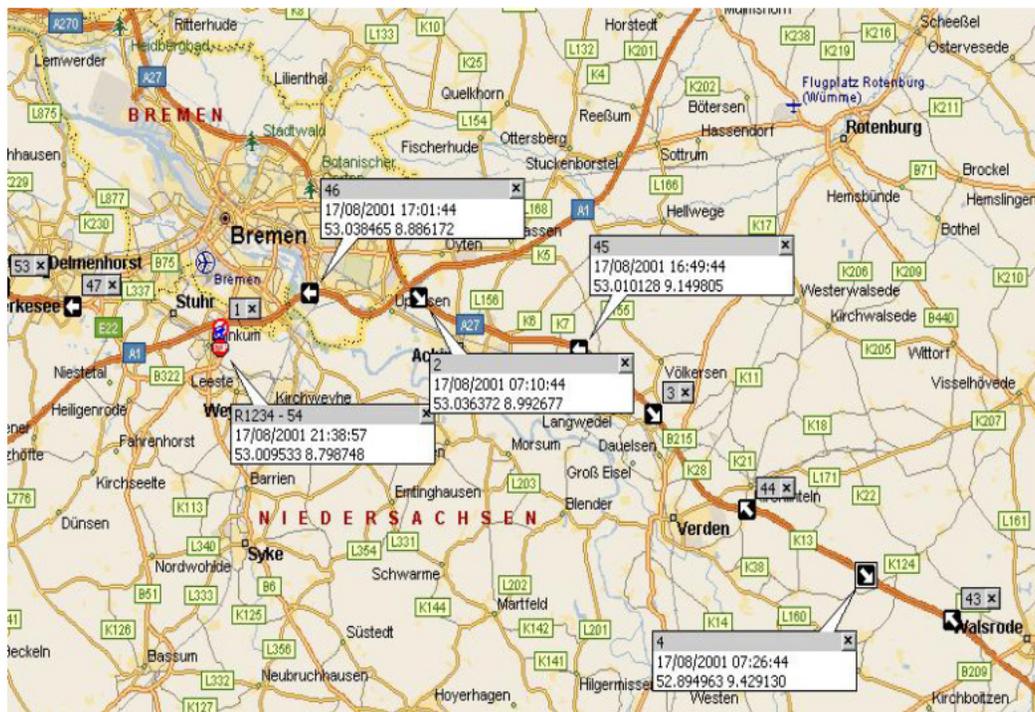
Inside this sub menu you choose a machine and the settings for the machine tracking can be installed.

Inputs in the field „distance“ could be done in a range between 0 m up to max. 50 km. You define the shortest distance between two displayed points.

The tracking period can be set in the fields „From“ and „To“ concerning date and time. This is useful if the tracking period is done from downloaded data.

Activation of the field „show information“ shows the way the machine is tracked and additional exact information (date, time and GPS coordinates) for each position of the machine along the way. By clicking „OK“ the settings will be activated.

Data are loaded into MapPoint and displayed as shown below.



If it's necessary to get additional information from single tracking points, click on a point (needle) with the right mouse button and a submenu appears. Choose „show information“. On the map additional information of the GPS data (date, time and GPS coordinates) for this tracking point will be displayed immediately.

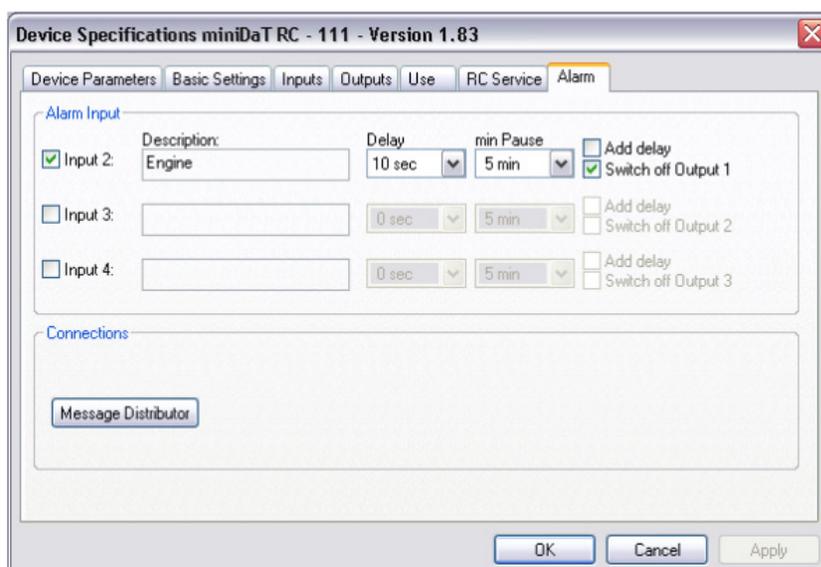
12. WinDaT-Alarm

Improper use of equipment like usage at high engine temperature, wrong oil pressure or driving without oil could strongly damage the machine and cause repairs. To prevent equipment from this type of faulty handling an installed miniDaT-RC is able to check its input channels for an alarm. This alarm message is transferred via SMS into the WinDaT Pro+ software. For using this alarm function WinDaT Pro+ must run in server mode with alarm option enabled, so you need the software packages „WinDaT Pro+ Server“ and „Alarm function“ for activating this functions. A GSM modem is also necessary to transfer the alarm SMS into the WinDaT Pro+ software.

The software release inside a miniDaT-RC must be 3.00 or higher.

12.1. Settings

To enable alarm channels inside a miniDaT-RC, go to „Device parameters“ - „Alarm“. The following screen will be displayed:



The following could be installed:

1. Alarm Input

Channel 2, 3 or 4 could be selected as channels with alarm function. The channels are separate; a single channel, as well as two or all channels are able to work in the alarm mode.

Attention: Alarm control will only run if channel 1 (ignition) is active!

2. Delay

In case of a signal (start of an alarm condition) with this option you can set the time in seconds resp. minutes until an alarm should be released.

Example: Delay = 10 sec: If the alarm condition on an activated alarm channel lasts longer than 10 sec, the alarm message will be sent.

3. Add Delay

If you activate this function the respective channel notices errors and adds the times for switching on, when the errors have occurred, until the preset delay time will be reached. Then an alarm is caused. If this function is not activated, a continuous signal must exist until an alarm will be released.

4. min Pause

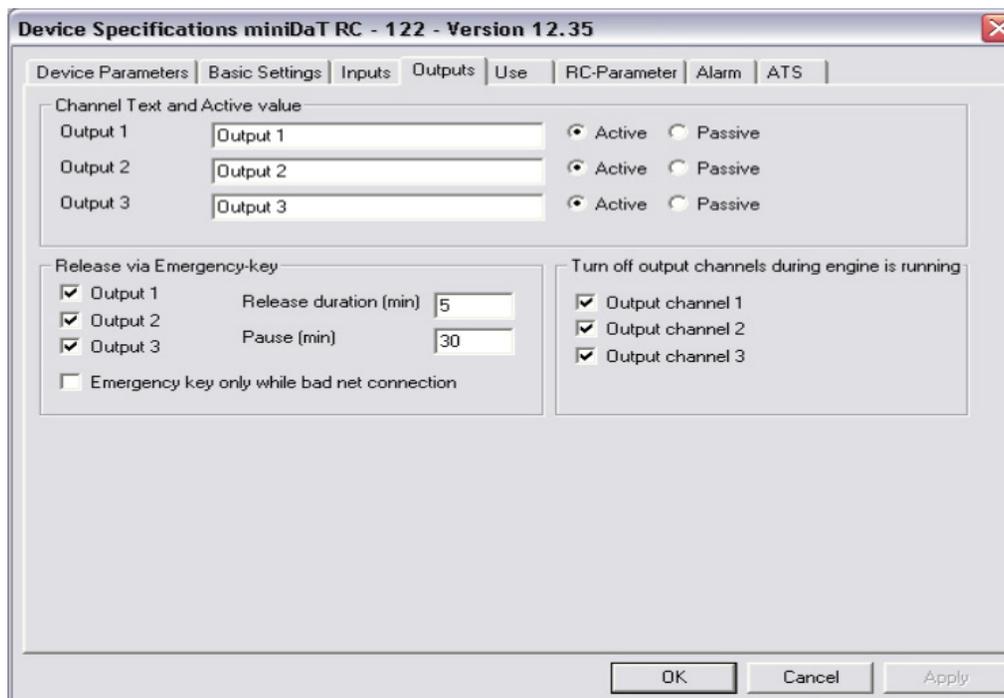
Set of a minimum delay time between two alarm messages if a continuous alarm condition occurs, to avoid sending several alarm messages (SMS) within a short time. This delay time could be between 5 minutes and max 18 hours. Manual switch-on of outputs would result in an activated output during the pause time also when there is an alarm on the related input.

Example: min Pause = 5 min: If an alarm condition occurs, an alarm message will be sent. The next alarm SMS will be generated not before 5 min after the first one, although the alarm state still consists.

5. Switch off Output

All marked outputs will be switched off when an alarm condition on this channel occurs. The output could only be activated again manually in the menu „Device state“ after an alarm switch off (please see section „devicestate“).

Attention: This prompt alarm switch off will only be possible, if the option „Turn off output channel if engine is running“ is enabled („Device parameters“- „Outputs“). If not, the output will be switched on until ignition is off.



Reference: Please see the section „Outputs“ for the same picture.

6. Message Distributor

The Message Distributor is designed for forwarding incoming alarm messages to an additional receiver.

- via SMS to up to 3 different mobile phones.
- another WinDaT Pro+ - Server for example a security company.
- displayed on the screen.
- ... a printer.

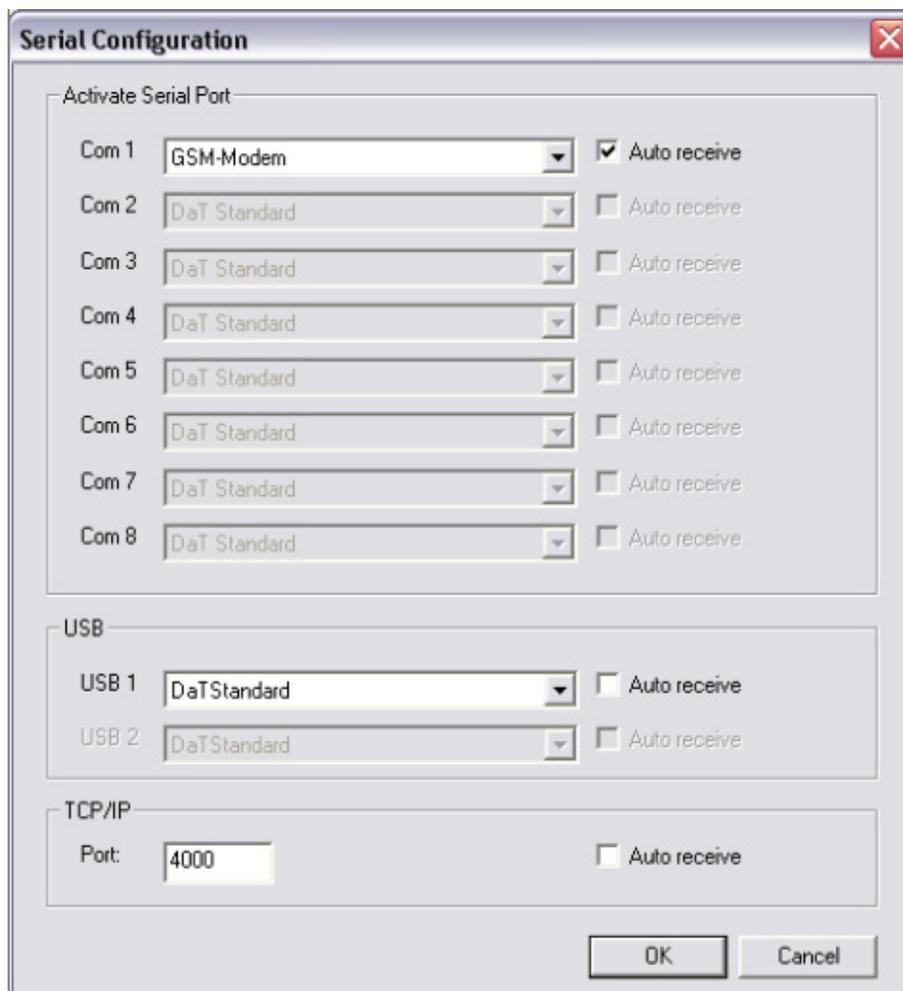
Attention: To get a SMS from a miniDaT-RC make sure that you have a GSM modem connected to WinDaT Pro+ - Server and the Auto Receive function is enabled!

More details about the Message Distributor you will find in the chapter „ATS“.

12.2. Auto Receive

To get an alarm SMS immediately, WinDaT Pro+ Server must be configured correctly for Auto Receive. A GSM modem is required for receiving of the alarm messages (SMS).

The following settings must be done in „Extra“ - „Serial Configuration“.

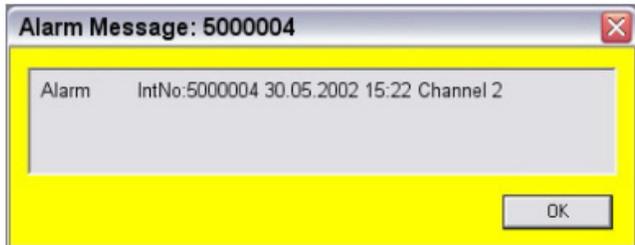
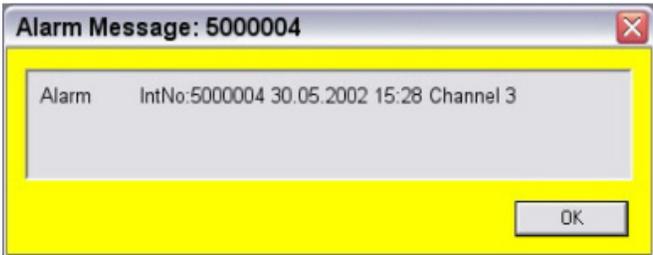


More information about auto receive see chapter „WinDaT Pro+ - Server“.

12.3. Display Alarm

If there is any alarm condition on the equipment, where a miniDaT-RC is installed, an alarm message will be generated and transferred, like in our example, if there is a signal on channel 2, 3 or 4 for at least 10 seconds, the accordant outputs (1, 2 or 3) will be switched off. With every alarm a SMS will be sent to WinDaT Pro+.

A transfer happens 15 seconds after detection of alarm condition. Any alarm SMS will be displayed in WinDaT Pro+ if this service is activated (in the menu „ATS Message Distributor“ activate „Display messages“).

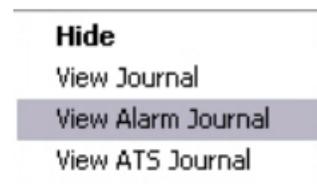
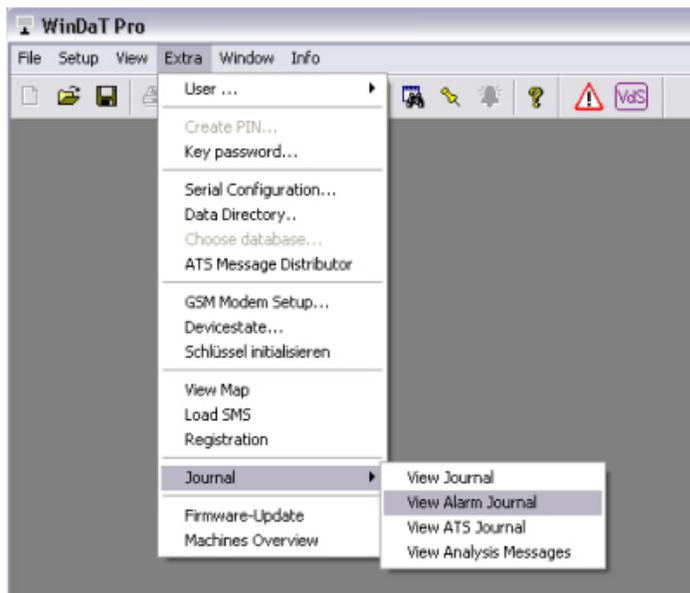


If alarm service is not activated, any incoming alarm sms will be displayed by a blue phone symbol in the taskbar notification area (see picture above).

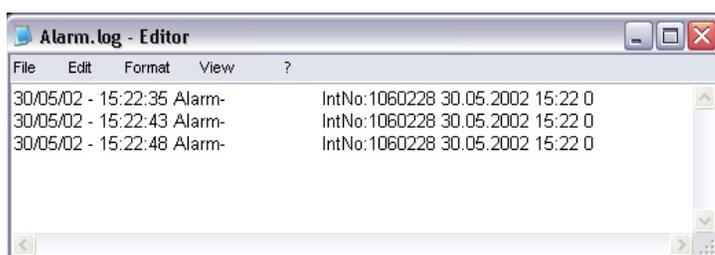
Every alarm message is stored in the file „Alarm.log“.

12.4. WinDaT-Alarm

This file with all recorded alarm messages can be displayed at any time by selection of the menu „Extra“ - „Journal“ - „View Alarm Journal“ or with a click with your right mouse button on the phone symbol inside the taskbar notification area.



The alarm messages will be displayed as follows:



13. WinDaT-ATS

13.1. ATS - Anti-Theft-System

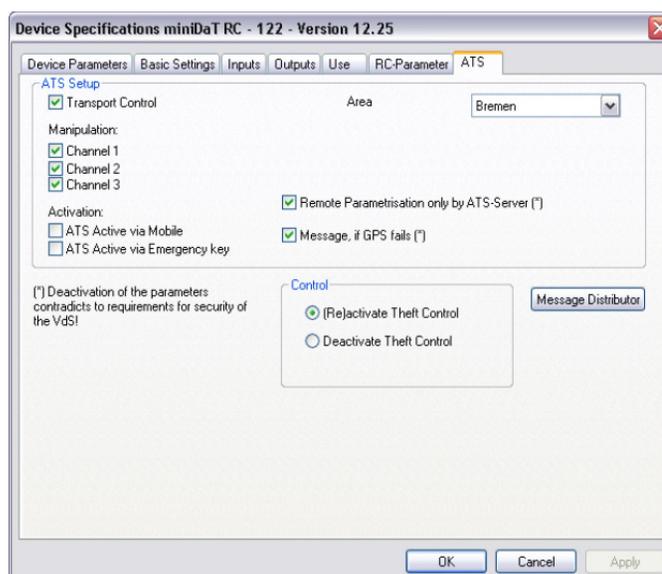
The ATS system installed inside the miniDaT-RC-ATS controls the following functions:

1. Power Supply - If the miniDaT-RC-ATS is power-off.
2. Open of the device - If the device is opened.
3. Working Area - If the machine leaves the permitted working area.
4. Resting area - If the machine leaves (with switched off ignition) the resting area.
5. Manipulation - If the machine is used while the miniDaT-RC-ATS outputs are disabled.

Functions 1 and 2 will be checked on principle if control is activated. You can activate additionally the other functions.

13.2. Settings

To initialise the miniDaT-RC-ATS choose the register „ATS“ inside the menu „Device Parameters“. The following will be displayed:



The parameter fields are explained as follows:

1. **Transport Control:**

If the machine is moved out of its domain and the ignition is off, the miniDaT-RC-ATS will send a message into the modem connected to WinDaT Pro+ Server. A domain means 200 meter around the machine.

2. **Area:**

A message for WinDaT Pro+ Server will also be generated via SMS if the machine with ignition on goes out of the permitted area. How you can create a working area, please see in the section „Creating working areas“ of this chapter. If „---“ is displayed, that means that no working area should be controlled.

3. **Manipulation:**

If a machine works although the outputs are switched off, a message will go out into the modem connected to WinDaT Pro+ Server.

For manipulation control you can select up to three channels (a suitable wiring must exist, see also operating manual of miniDaT-RC).

4. **Activation:**

via mobile:

Mark „ATS Active via mobile“ in the register „ATS“ of the menu „Device parameters“. With this setting you activate theft control with a SMS in the form of „Password ATSON“ (e.g. „AAAATSON“). You can also select this function in the register „ATS“ in the menu „Devicestate“.

via Emergency Key:

If an Emergency Key is connected to the miniDaT-RC-ATS and if it is activated, you have the possibility to start observation at the location of the machine with the emergency key.

5. **Theft control:**

(re)activate:

If theft control is inactive, you should select this option for activating the control with its settings. Click on „OK“. Via the menu „Send data“ you can send all settings including activation of theft control into the device. In case of control is active and a message is released, with this setting you can reactivate the control option, which has been activated before.

deactivate:

If theft control should be deactivated, e.g. in case of maintenance work, mark this option and send your settings into the miniDaT-RC-ATS.

6. Message Distributor:

For this please read the accordant section in this chapter.

7. Remote Parametrisation only by ATS-Server:

If this option is selected, the call number of the parameterising server is checked via SMS or online connection during a Remote Parametrisation of the ATS-device. If the number doesn't match with the call number of the approved server, transmitted settings won't be applied resp. no connection will be achieved.

8. Message, if GPS fails:

If no position finding of the machine is possible for longer than 30 minutes, miniDaT-RC-ATS will send a message to the ATS-Server.

Deactivation of the parameters, which we have explained in number „7 and 8“, contradicts to requirements for security of the VDS!

For activating your settings, finally you have to transfer them into miniDaT-RC-ATS. You can configurate the settings via the „Devicestate“ online or per SMS.

13.3. Activate the ATS system

To activate the ATS system different ways are possible:

1. Activation via mobile phone:

Additionally mark „ATS Active via mobile“, when you edit the ATS parameter inside the register „ATS“, to enable the activation via mobil phone.

To activate the ATS system via mobile phone send a sms with the content „Password ATSON“ into the miniDaT-RC; as example (AAA ATSON).

2. Activation via emergency switch:

If „ATS Active via Emergency key“ is enabled during the parameter installing process, the ATS system can be activated by pressing the emergency button of the miniDaT-RC-ATS installed on the machine.

3. Activation via SMS:

Select „Devicestate“ inside the menu „Extra“. Mark „Send properties using sms“ inside the menu „Select connection“. After a click on the button „Next“ choose the register „ATS“. Now the last known ATS-settings valid for the desired machine are displayed on the screen. After configuration of the parameters choose „Apply“. The parameters will be sent via SMS to the machine. The transmission is real cost effective and should be preferred normally.

4. Online activation

For activation via an online connection proceed as with activation via SMS, except for the difference that you don't choose the option „Send properties using sms“. Then establish a connection via modem and proceed as described above.

For this please read in the chapter „various functions“ the section „Devicestate“.

13.4. Message Distributor



Device Specific Settings:

1. ATS-Server number

Enter the **call number** and not the data transfer number of your GSM-modem connected to WinDaT Pro+-ATS-Server, e.g. in the form „+491234567890“. If it's not possible to enter the ATSServernumber in the register „ATS“ of „Devicestate“, because this field is coloured in grey, go to „Device Parameters“ register „ATS“. Within this window you can select the button „Message Distributor“. In the popped up window enter the ATS-Server number.

2. SMS Transfer

To transfer automatically incoming ATS messages via SMS to up to three different mobile phones enter their phone numbers into the desired fields „mobile 1“ ... „mobile 3“.

General Settings:

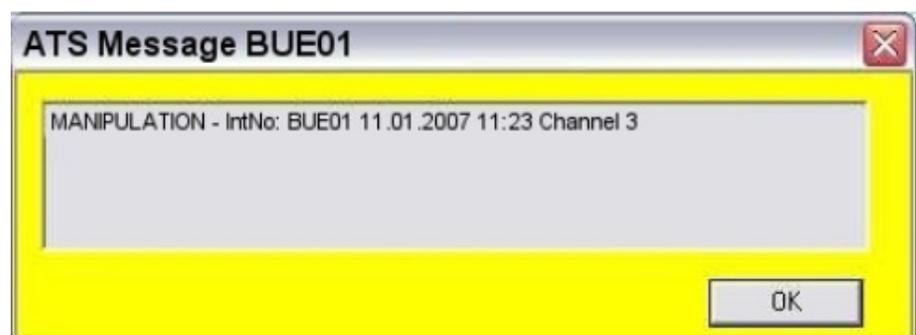
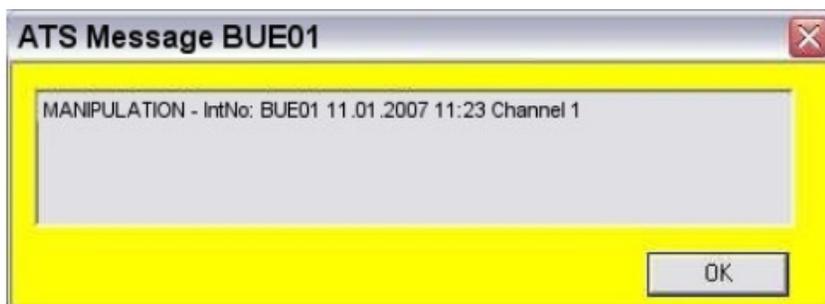
Note: To edit general settings inside the message distributor the ATS Message Distributor could also be chosen from the menu „Extra“. In the menu „Message Distributor“ you will find the following functions:

1. Printer output

If the function „Print out messages“ is marked, every message will be printed automatically on a selected printer. **Note:** Please choose a printer.

2. Display ATS Messages

Every message will be displayed on the screen if the function „Display Messages“ is selected inside the message distributor. The message will be displayed as shown below.



A new SMS will also be signalled through a phone symbol with a blue background inside the Windows taskbar notification area.

As every SMS message is also stored inside a file named „ATS Journal“, the messages could be displayed any time. Select „Extra“ - „Journal“ - „View ATS Journal“ or click simply on the phone symbol mentioned above with your right mouse button. Choose in the popped up menu „View ATS Journal“. The blue background of the phone will disappear.

3. Transfer to a second WinDaT Pro+ - Server

To activate transfer of ATS messages to a second WinDaT Pro+-Server mark the field „Transmit ATS-messages to a second server“ and enter the phone number of the second server into the field „Call-No“. A second server could be useful for a security company taking care for your machines during the night on weekends.

Only theft messages will be transferred, which are mentioned on the pages before. They are messages of the type „resting area“, „working area“, „Power Supply“, „Manipulation“ and „Open of the device“. The message transfer will be recorded inside the ATS Journal.

Select „Options“ to enter the scheduling for message transfer to the second server.

Day	Transfer	but not	from	to
Mo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	08:00	18:00
Tu	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	08:00	18:00
We	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	08:00	18:00
Th	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	08:00	18:00
Fr	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	07:00	14:00
Sa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	00:00	24:00
Su	<input checked="" type="checkbox"/>	<input type="checkbox"/>	00:00	24:00

The sample above displays the time table for the message transfer. At first the period of time can be entered in the timeframe, here 01.01.2007 until 31.12.2007. If no special period is entered, every message will be relayed. You can define only one start date resp. end date.

Enter periods in the fields of days of the week, when messages should be transferred resp. not be transferred. In the sample above ATS messages will be relayed from Monday to Thursday between 6:00 o'clock p.m. and 8:00 o'clock a.m, on Friday between 2:00 o'clock p.m. and 7:00 o'clock a.m and the whole weekend.

13.5. Auto Receive

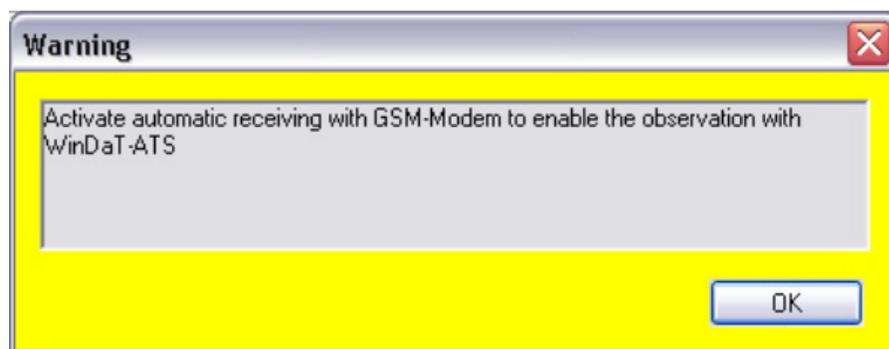
To get an ATS message right in time in case of a theft, the GSM modem connected to your WinDaT Pro+ Server system must be initialised to auto receive.

These setting can be done inside the menu „**Extra - Serial configuration**“.

For more information about auto receive see also chapter „WinDaT-Server“.

Attention: As you receive and send SMS by using WinDaT-ATS, a GSM modem connected to your PC is obligatory!

You will get an accordant warning in case Auto Receive can't be activated during start of WinDaT-ATS or when it fails during the programm is running:



If auto receive is not activated, a warning symbol will be shown in the tool bar.



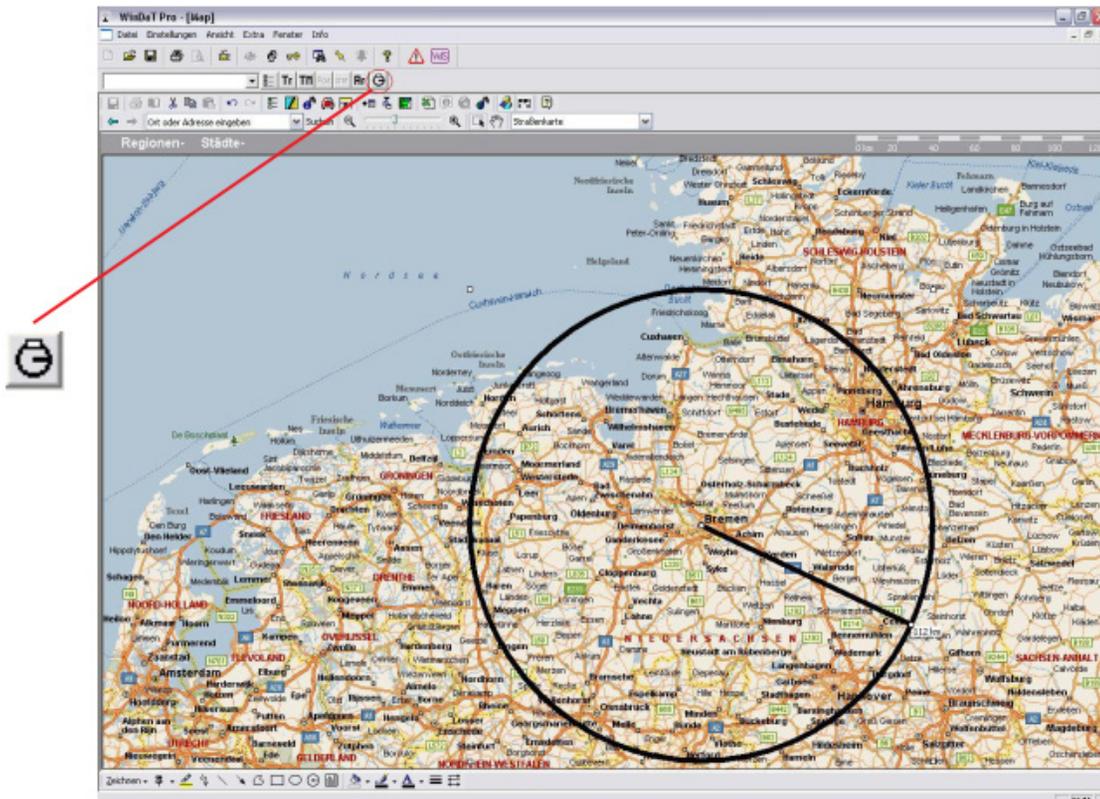
No enabled auto receive disagrees with the requirements for security of the VdS.

13.6. 2nd Server Configuration

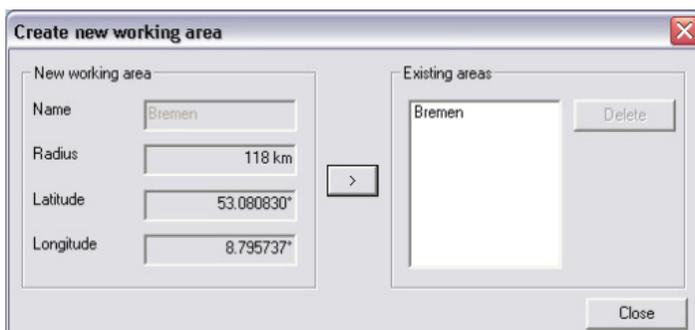
1. WinDaT Pro+, MapPoint 2004 and the USB-Dongle-cable must be installed on the second server. Register the advanced options of WinDaT Pro+ ATS, Server and Tracking.
2. Select the message distributor inside the menu „Extra“.
3. Activate „Display messages“.
4. **Do not activate** „Transmit ATSmessages to a second server“.
5. Activate auto receive in the menu „Serial configuration“ for the serial interface, where the GSM modem is connected to.

13.7. Creating Working Areas

For creating a working area select the map view (see also in the chapter „various functions“ - „GPS“ - „MapPoint“ - „view map“). Draw a circle within the map. Click in the tool bar „Draw“ at the bottom of the screen on the button with the radius symbol. With your pressed left mouse button, drag a circle within the map in a desired size.

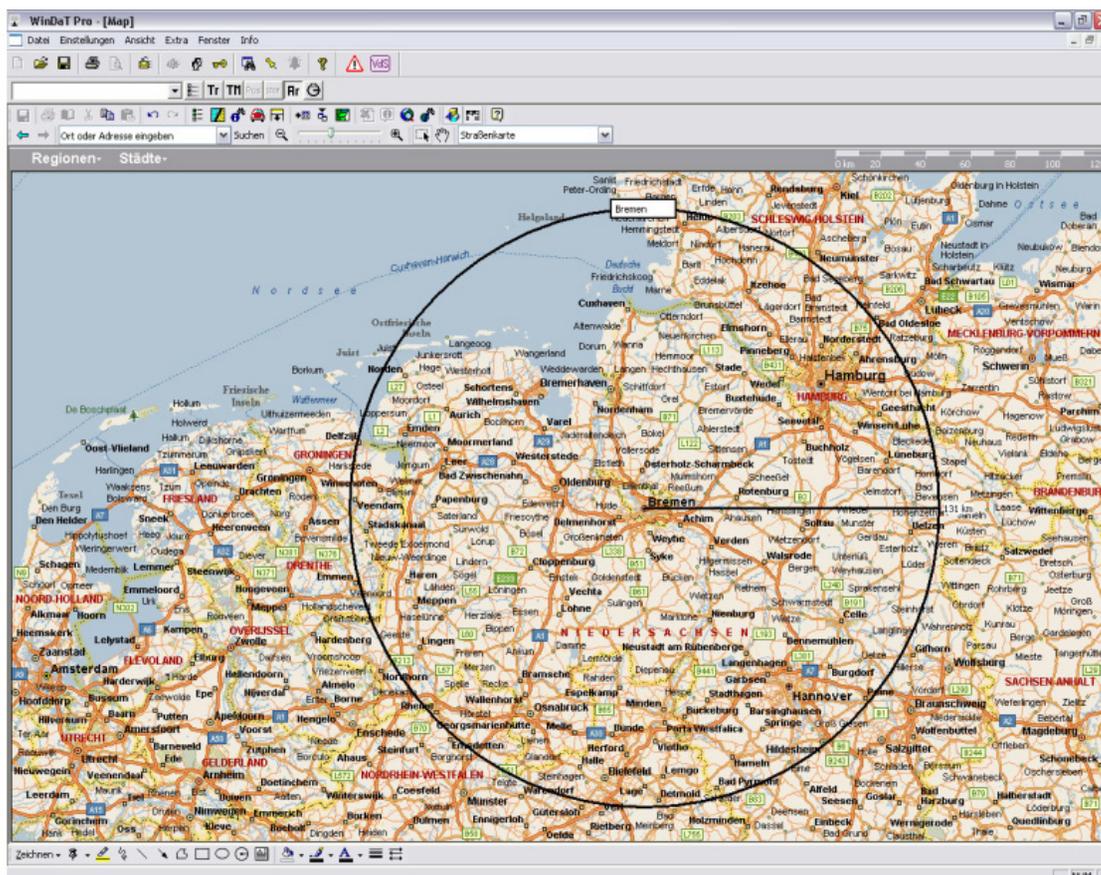


For adding this area within the circle to your list of working areas, click on the  - button. In the following menu name the area and add it to your list with the button „>“.



Minimum radius of a working area, which you can enter, is 1 km. WinDaT Pro+ rounds up automatically radii to whole-numbered values.

Close the menu and click on the button  in the toolbar of the map view to display working areas. Working area display can be switched on and off via the button „Ar“ inside MapPoint. The working area, you have created just now, will be shown like in the following picture. In addition a machine can be assigned to this working area via the ATS Parameters.



13.8. Miscellaneous

Acoustic signal

If WinDaT Pro+ ATS receives a theft message, the server will release an acoustic signal via loudspeakers of the PC. It is an additional function for signalling a theft besides the other possibilities, which we have already mentioned. With a click on „OK“ stop this signal in the ATS menu „Warning for“. You can also block the signal with a click on  - button.

Locating mode

If miniDaT-RC-ATS leaves the working- or resting area during activated theft control, an automatic locating mode will be triggered, i.e. device sends every 60 seconds its current position via SMS over a period of 6 hours. An activated locating mode can be finished through re- or deactivation of theft control (see section „settings“ of this chapter).

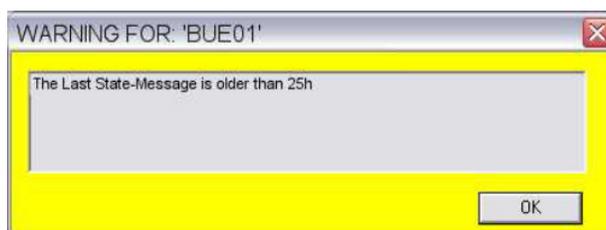
13.9. Machine Overview

If WinDaT Pro+ - ATS upgrading is activated, WinDaT Pro+ will show automatically an overview of the existing ATS devices (if they are set up via Device Parameters). This overview can look as follows:

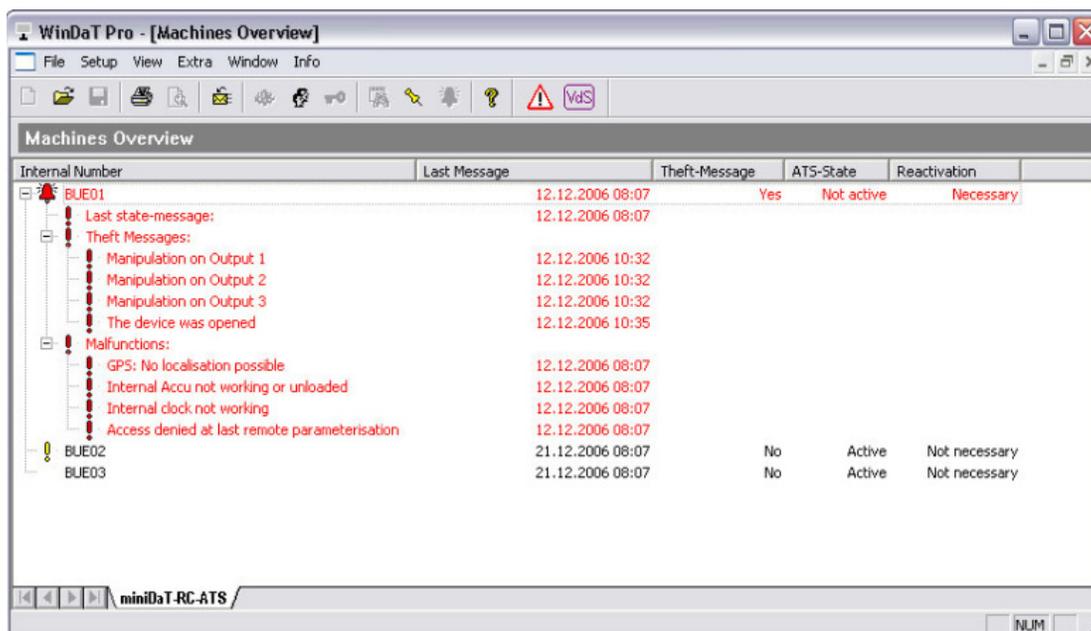
Internal Number	Last Message	Theft-Message	ATS-State	Reactivation
 BUE01	12.12.2006 08:07	No	Active	Not necessary
 BUE02	21.12.2006 08:07	No	Active	Not necessary
BUE03	21.12.2006 08:07	No	Active	Not necessary

There are three possibilities of displaying the machines:

1. The machine is displayed in black type without a prefixed symbol. In this case there are no theft message or malfunction.
2. The machine is displayed in black type with a yellow exclamation mark. In this case you don't have a theft message or malfunction, but WinDaT Pro+ expects a state SMS from the respective miniDaT-RC-ATS. A state message is expected every day at that time, which you have set in the RC-Parameters for SMS transmission. Furthermore a state message via SMS (Devicestate) is expected after configuration of the device.
3. The machine is displayed in red type with prefixed alarm bell symbol. In this case a theft message or malfunction exists. If WinDaT Pro+ already waits for a state message longer than 25 hours, the machine will be shown that way. In this case date and time of the last state message are indicated as shown in the picture below. Besides an accordant message will be released:



For more information click on the plus sign in front of the row in the machine overview.



All theft messages are shown in this branching „theft messages“ , which have occurred since last proper state of the miniDaT-RC-ATS.

In the branching „malfunctions“ malfunctions are displayed.

Possible theft messages are:

1. „ATS device has been opened“
2. „ATS device has been disconnected from power supply“
3. „Leaving resting area“
4. „Leaving working area“
5. „Manipulation at an output x“ (x= output 1,2 or 3)
6. „Discharging storage battery. ATS device has been switched off“

After receiving of a theft message control should be reactivated.

For details please read the section „Settings“ at the beginning of this chapter.

Within the branching „malfunctions“ , malfunctions of the ATS device are displayed, if existent. There are the following possibilities:

1. „GPS: No location is possible“
This message will occur, if no location is possible for at least 30 minutes.
2. „Internal storage battery does not work or is discharged“
3. „Internal clock is defective“
4. „Refused access during last online configuration“.
Someone has tried to configurate device from another PC than WinDaT Pro+ - ATS-Server.

Furthermore you can see the following information within the machine overview:

1. date and time of the last message
2. If a current theft message exists
3. State of control (active or inactive)
4. If a reactivation of control is necessary

Machine overview is updated automatically during message entry or configuration of miniDaT-RC-ATS. With every updating the overview, if it is closed, is opened automatically by WinDaT-Pro. It is possible to open the overview manually via the menu „Extra“ - „Machines Overview“ or with a click on the button  in the tool bar.

13.10. VdS indications

A WinDaT-ATS-System with authorisation of the VdS Schadenverhütung GmbH consists of the following components:

1. WinDaT Pro+
2. WinDaT-ATS-upgrading (Activation per USB- or LPT-dongle)
3. WinDaT-Server-upgrading (Activation per USB- or LPT-dongle)
4. GSM modem (Siemens M20, TC/MC35)
5. dongle cable DaT-KR x.xx-01 for reading out DaT devices
6. MS MapPoint Europe 2004

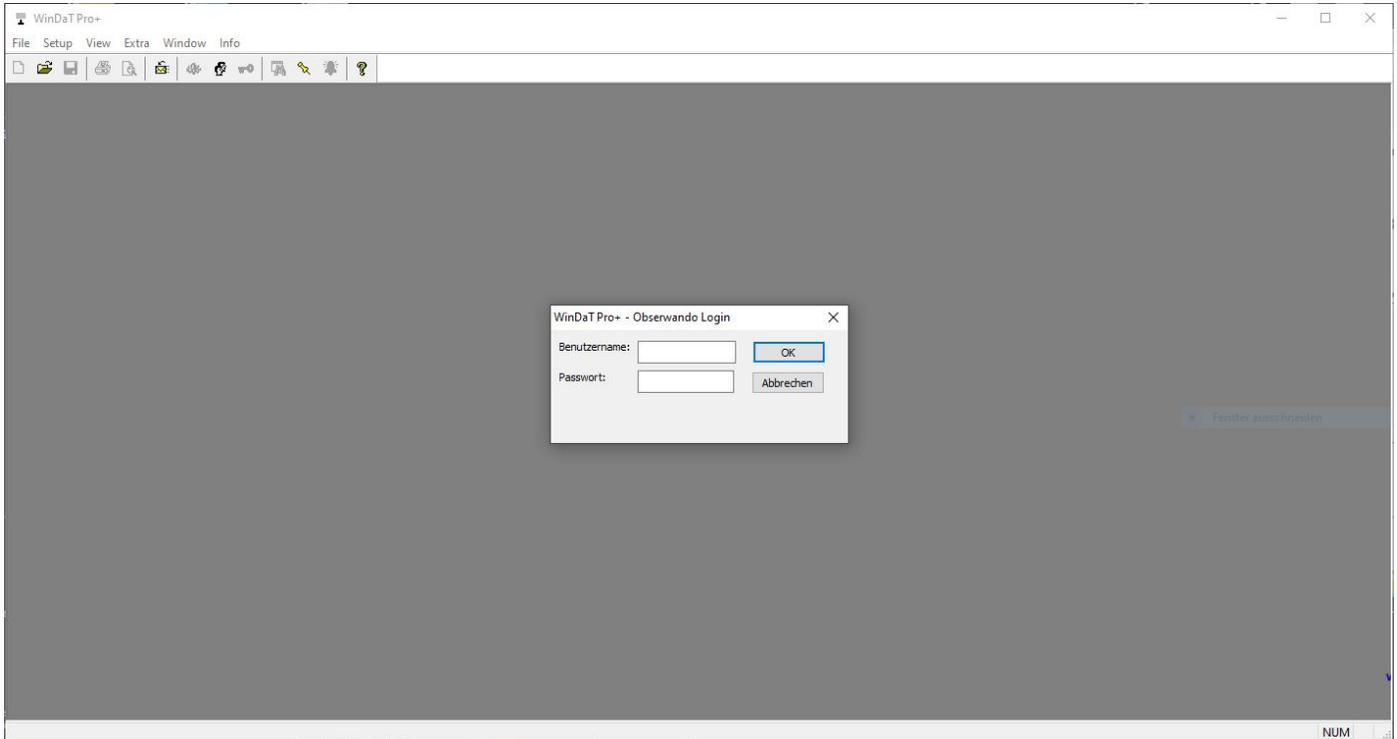
Please comply with the following instructions (otherwise authorisation of the VdS will expire):

1. Auto receive per GSM modem must always be active.
2. Data transfer must be unlocked for the SIM-card in your GSM modem.
3. When you use a miniDaT-RC-ATS, the function „Remote Parametrisation only by ATS Server“ must be active.
4. With a miniDaT-RC-ATS the function „Message, if GPS fails“ must be active.
5. For protecting stored data of miniDaT-RC-ATS a separate device password must be assigned.
6. Function „Display messages“ must always be active.
7. With a miniDaT-RC-ATS you have to enter the call number in the field „ATS Servernumber“ of the menu „Message Distributor“. Don` t enter the data transfer number of WinDaT-ATS-Server!
8. Password of the pre-installed user „Administrator“ must be changed.

14. Update WinDaT Pro+ 6.0.0.0

14.1. Obserwando login at program start

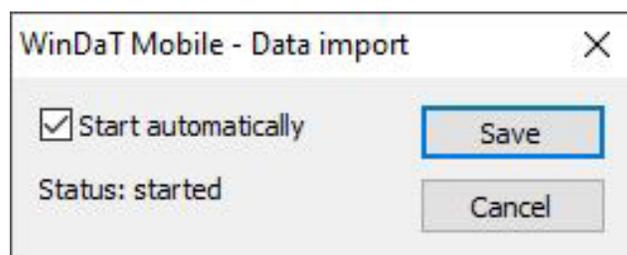
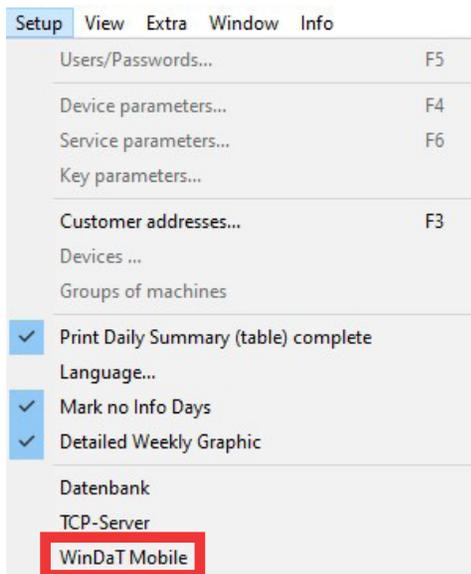
In order to be able to use WinDaT Pro+, you must log in to WinDaT Pro+ with your access data for Obserwando after calling up the program.



14.2. WinDaT Mobile data import

The data from the WinDaT Mobile App can be imported into the WinDaT Pro+ program via data import. To do this, you must activate the „WinDaT Mobile“ menu item in the settings. To do this, click on the „WinDaT Mobile“ menu item.

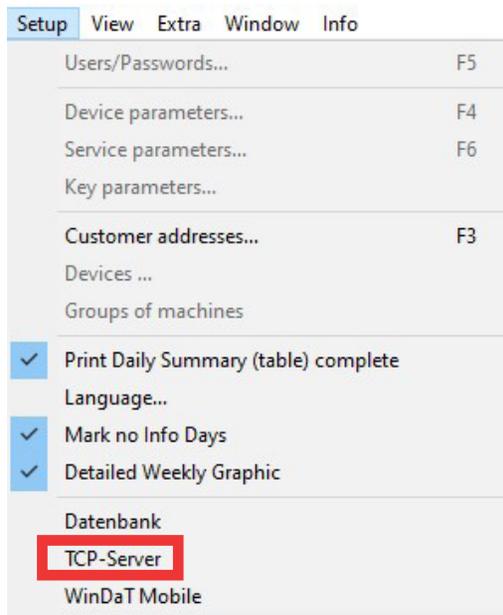
Then the following window opens:



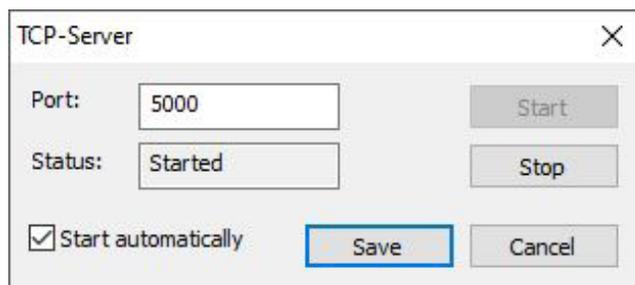
The data to be imported must be saved under ZDV/DeviceDB.

14.3. TCP-Server

The TCP server can be configured via the „Settings“ menu item.



If you click on the „TCP Server“ menu item, the following window opens:



Important:

Port forwarding to the TCP server must be set up.

15. General terms of warranty

For the data recording systems and components (named „device“ in the following section), which we have delivered to you, the following instructions of warranty are valid:

1. Extent of warranty

- a) Warranty covers the delivered device with all its components and is rendered for parts, which are damaged demonstrably as a result of manufacturing and material defects, despite appropriate handling and observance of the manual. We will substitute these parts without any charge to you. Manuals and poss. provided software are excluded from warranty.
- b) We bear the costs arising for us for material and working hours, but not the costs for disassembling and dispatch to the repair shop, which we will term, and the return. We don't accept consignments, which are sent carriage forward!
- c) The property of replaced parts passes on to us.
- d) We are authorised to make technical modifications (e. g. firmware-updates) beyond repairing and replacement for adjusting device to current technical condition. For this the buyer won't have any extra costs and a legal right does not exist.

2. Time of warranty

For our delivered standard devices time of warranty is 24 months. Warranty begins at day of delivery of the device. Warranties cause neither an extension of the warranty period nor starts a new warranty period. The period of warranty for spare parts ends with the warranty for the device.

3. Processing

- a) If defects of device appear within the time of warranty, assert warranty claims without delay, but within 7 days at the latest.
- b) Transport to and from the place, who accepts warranty claims or deliver the repaired device again, occurs at buyer's own risk and costs.

4. Exclusion of warranty

Our warranty does not cover,

- a) if a device is damaged or destructed due to act of God or environmental influences out of tolerable environmental conditions (moisture, electric shock, dust and the like);

- b) if a device is stored or operated under conditions, which are out of technical specification;
- c) if damages are occurred through improper handling - in particular non-observance of the system description and operating manual;
- d) if a device has been opened, repaired or modified by persons, who are not authorised by us for this;
- e) if a device shows mechanical damages of any kind;
- f) if warranty claim hasn't been announced according to numeral 3 a).

5. Operating error

If it turns out that notified malfunction of device is caused due to incorrect foreign-hardware, software, installation or handling, we reserve the right to charge the buyer for the resulting inspection effort.

6. Additional Regulations

- a) Final preceding instructions regulate legal relationship to us. By this warranty advanced claims won't be substantiated, in particular for redhibitory action or reduction. Claims for damages are excluded, no matter from which legal ground. Claims are excluded for compensation of lost profits, indirect or consequential loss. We are not liable for recovery of data, unless we have caused premeditatively or want only negligent their loss, and the purchaser has guaranteed, that this data of the recorded data, which are kept in machine-readable form, can be reconstructed with justifiable effort.
- b) Warranty simply refers to first time buyer and is non-transferable.
- c) Court of jurisdiction will be in Verden, if the purchaser is a general merchant. If the buyer has no place of general jurisdiction within the Federal Republic of Germany or after contract conclusion he relocates his domicile or normal habitation outside the territory of the Federal Republic of Germany, our place of business will be court of jurisdiction. That also applies to if the purchaser's domicile or normal habitation isn't known at the time of institution of legal proceedings.
- d) Only the legislation of the Federal Republic of Germany is used.
- e) Rösler Software-Technik GmbH takes no guarantee and no liability for content of this publication and reserves the right for revising and changing this publication without any duty to inform.

7. Final clause

If some sections of the preceding terms of warranty are discontinued, void or non-effective by law, through a special contract or company regulations, thereby effectiveness of the other sections within the terms of warranty won't be affected. Even if we tolerate tacitly variation of our preceding terms, we always have the possibility to go back to these terms, because they are an inseparable component of our delivery conditions.

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