

# KIPAS 2

Workshop Software



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Installation and Quick Reference Guide  
valid from version 1.2

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## Introduction

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### Summary of KIPAS 2 functions

The KIPAS 2 workshop software can be used

- to print test certificates, installation and constant plaques
- to create report summaries
- to manage customer and vehicle data
- to monitor inspection schedules
- to download mass memory data from digital tachographs, archive and save it for the customer using a workshop card and
- display and archive the data stored on the workshop card.

So that this can be done quickly and easily, you can use KIPAS 2 to read in data directly from

- the workshop card
- Service Diagnostic Systems, such as CTC, MTC and ATC
- a notebook
- a Downloadkey.

### Test certificate forms

Special forms with self-adhesive installation and constant plaques are available for printing test certificates with KIPAS 2.

In addition, you can use KIPAS 2 to access the KIPAS 2 and Downloadkey operating instructions directly.

### Data protection

The Data Protection Act requires personal data to be protected from fraudulent use by third parties. Any infringement of the Data Protection Act will be prosecuted.

If you use a DP system for recording, processing and storing personal data electronically, you are obliged to comply with the Data Protection Act.



### Important

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Appropriate technical and organisational measures should be taken to protect personal data stored in KIPAS 2 against unauthorised access.

### Data backup

Regular data backups – at least once a day in machine readable form – ensure that data can be restored without incurring too much work.

Users are responsible for backing up data.

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## ***Operating mode, licence and signature***

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<b>Demo mode</b>	After installation KIPAS 2 runs in demo mode where mass memory data archiving, import and export, analyses and print functions are disabled. With these restrictions KIPAS 2 can be used for an unlimited time. After creating the activation request, these functions are enabled for a period of 2 weeks (full mode).
<b>Full mode and activation request</b>	<p>KIPAS 2 must be licensed to run in full mode permanently where all functions are enabled.</p> <p>With the activation request (under Change workshop data) you can apply for a licence.</p> <p>In full mode you can continue working with the data entered in demo mode without any restrictions.</p>
<b>Licence</b>	<p>The licence switches KIPAS 2 to full mode permanently. The program runs in this mode unless the workshop data has changed.</p> <ul style="list-style-type: none"><li>• The (first) KIPAS Licence Card will be sent to you by post.</li><li>• Licensing information is read in using the chip card reader (Software licensing) and KIPAS 2 switches to full mode.</li></ul>
<b>Signature</b>	<p>The signature temporarily switches KIPAS 2 from demo mode to full mode for 14 days. The signature is provided in exceptional cases only.</p> <ul style="list-style-type: none"><li>• It consists of 4 x 8 characters and is entered into the boxes provided for this (Change workshop data) and saved.</li><li>• <b>Extension</b> (Edit workshop data) requests a new signature with which you can extend the temporary full mode by another 14 days.</li></ul>
<b>Reactivation mode</b>	<p>Modified workshop data must be confirmed with a new licence that you must apply for. Once the activation request has been created, KIPAS 2 switches to reactivation mode for 14 days.</p> <p>You can continue working using the saved data (customers, inspections etc.). Until the new licence has been entered, the previous workshop data is printed on the documents.</p>

# Installation

## Requirements

Component	Minimum requirement	Recommendation
Operating system	Windows NT4.0, 2000 and XP including the latest service packs	Windows XP with the latest service pack
Processor	650 MHz	2000 MHz
Free hard disk space	approx. 500 MB	1 GB
Available RAM	384 MB	512 MB
Serial ports	1	2
USB port	not compulsory	2
CD ROM drive	1	1
CD burner	1	1
ZIP drive	optional	optional
Hard disk mobile rack	optional	optional
Chip card reader	included in the delivery schedule	
Screen resolution	1024 x 768 (17" CRT / 15" TFT)	1024 x 768 (17" CRT / 15" TFT)
Mouse	standard	optical with scroll wheel
Internet / Extranet connection	Modem / ISDN	LAN / DSL
Printer	Inkjet or laser printer	Laser printer
National laws may require additional peripheral devices.		

### **!** Important

The software can only be licensed and used with the **chip card reader** included in the delivery schedule. Please contact your service partner if you need an additional chip card reader.

## Preparation

- Log on to the operating system as an **administrator** (with all access rights).
- **Back up the KIPAS database** before installing any updates.
- Close all **programs that are still open**, especially any active virus scanning software and services that are not needed.

### **!** Important

Depending on the installation type (initial installation, update), the computer will restart up to three times. Do not **remove the installation CD-ROM from the drive** at this point.

Installation is complete when the operating system has restarted completely.

**Installation**

1. The KIPAS 2 installation CD-ROM will start automatically when it is inserted into the drive. The installation program will first check the installation conditions and then display the installation screen.

If the operating system's Autorun feature is disabled, start the installation by clicking on "(CD drive):\setup.exe" in Windows Explorer.

**Setup**



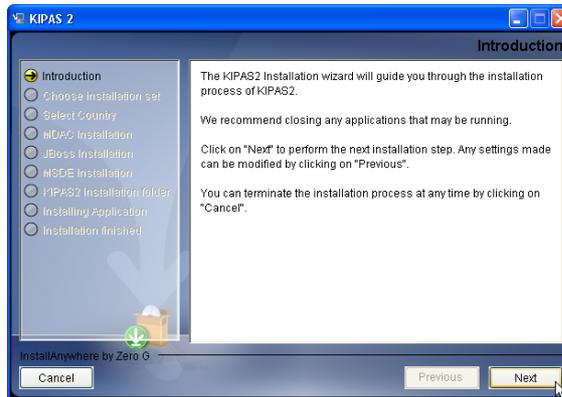
2. Click on **Setup** to start the installation program.

The installation environment will be checked and initialised.

**Dialogue language**

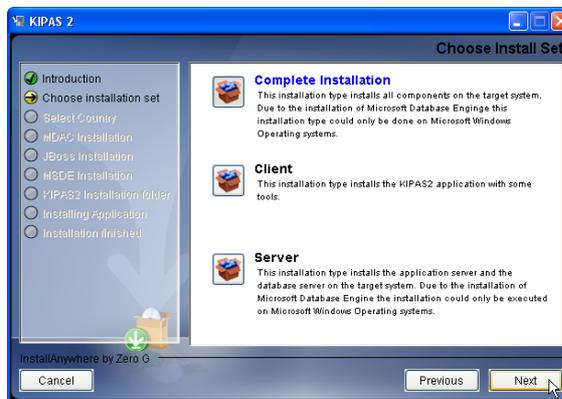


3. The dialogue language selected only applies to the user interface language during installation. Click on [OK] to confirm the selected language.



4. The Installation wizard will guide you through the installation procedure. Click on [Next] to confirm any dialogue boxes and entries made.

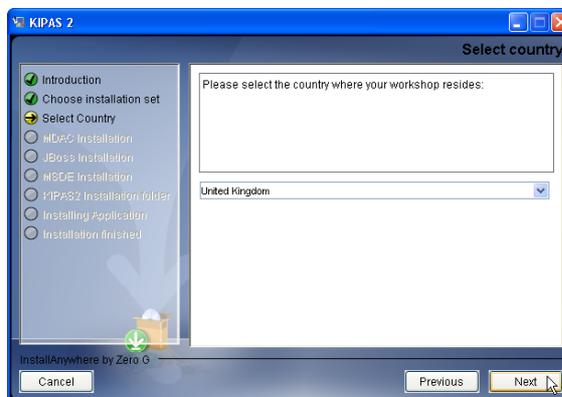
### Installation type



5. **Complete installation** is the standard installation option when installing the software on a single workshop computer. It must also be selected if an earlier KIPAS 2 complete installation is available.

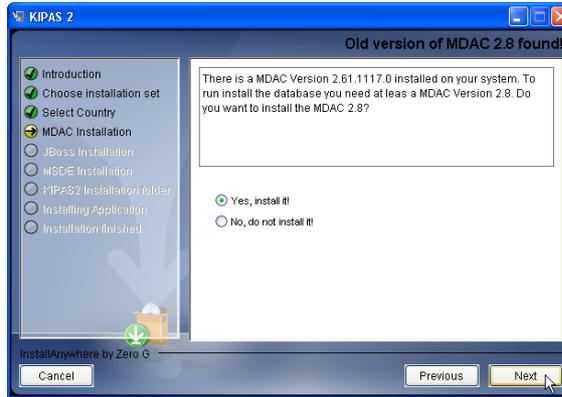
The **Client** installation option must be selected if an earlier KIPAS 2 Client version is installed. The Client or Server installation option must be selected if you want to install the database and the application server separately from the program.

### Country-specific KIPAS 2 version



6. If you select a country, the KIPAS 2 **country-specific version** will be installed.

## MDAC



7. If the installation routine detects an earlier MDAC version, this version will be overwritten by the new one.

While MDAC is being installed, the computer is restarted automatically. After you have logged on to the operating system, the KIPAS 2 installation routine will start again automatically.

**Do not remove the installation CD-ROM from the drive at this point.**

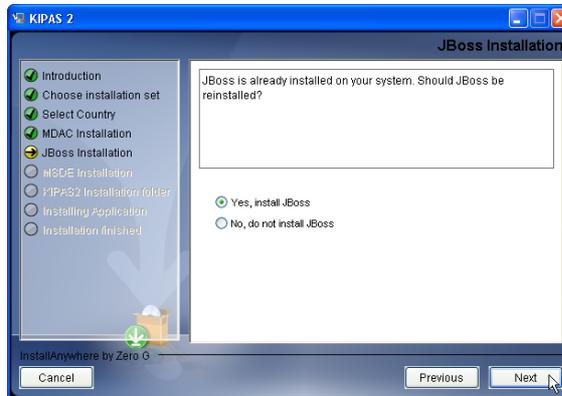
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### **!** Important

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Steps 8 to 10 need not be carried out when installing the program for the first time.

## JBoss application server



8. If the installation program detects an earlier JBOSS version, you must confirm the message asking you if want to install the new application server with **Yes, install it.**

**MSDE**



- The MSDE password must only be entered if a database from another application is installed. You must enter the administrator password for this database.

**New KIPAS 2 installation**

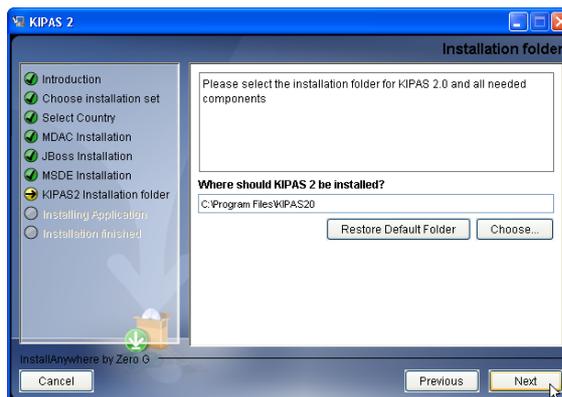


- This message is displayed if KIPAS 2 is already installed. It must be confirmed with [OK] to continue with the installation process.

By doing this, the seal number and the KIPAS 2 configuration settings (Options) will be reset and must be set again when installation is complete. Click on [OK] to confirm the message.

Already saved data relating to customers, vehicles, inspections and mass memory downloads will not be lost.

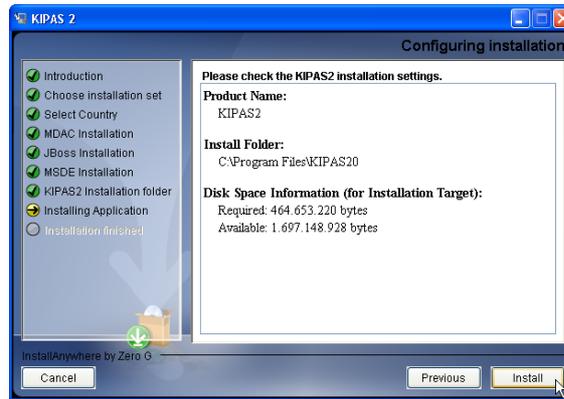
**Installation folder**



- The default folder "C:\Programs\KIPAS2" or "C:\Program Files\KIPAS2" can be modified if necessary.

To select a different folder click on [Select...].

## Installation configuration

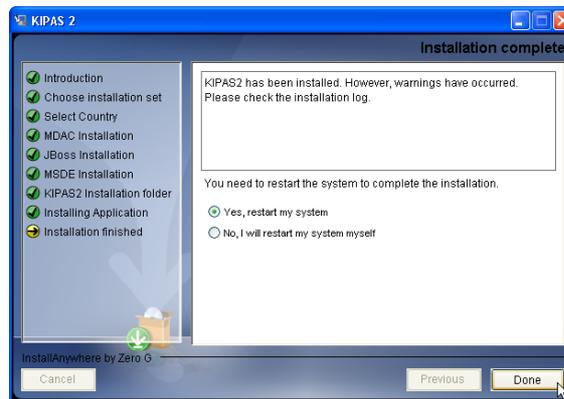


12. Click on [Install] to start the installation process.

The files will be extracted and installed. Depending on the installation type and size, this can take some time. The process must **not be aborted** and the **installation CD-ROM not be removed from the drive**.

### ! Important

If one of the above requirements is not met, a message will appear telling you that the installation process will be cancelled. When the causes for this are remedied, the installation process can be started once again.



13. To complete the installation the computer must be restarted by clicking on [Done].

Do not **remove the installation CD-ROM from the drive** at this point. Installation is complete when the operating system has restarted completely.

### ! Important

If the option "No, I will restart my system myself" is selected, the KIPAS 2 installation is not yet complete and the program cannot be started.

Then the operating system will be

- restarted for installing MDAC and
- restarted again to continue installing the other components automatically.

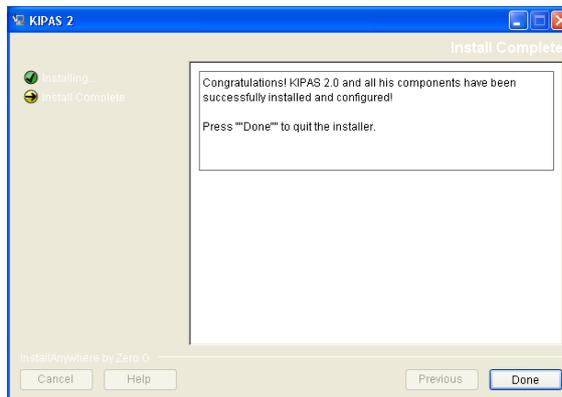
**Logging on to the operating system**

**Dialogue language**

14. When MDAC is installed you must log on to the operating system. The installation process will continue automatically – the screen for selecting the dialogue language will be displayed once again.



15. The dialogue language selected only applies to the user interface language during installation. Click on [OK] to confirm the selected language.



16. If the program has been installed successfully, **Installation complete** will be displayed. Click on **[Done]** to confirm. The operating system will restart completely.

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## Startup

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### Initial installation

1. Start the program using the standard start routine, e.g. **Start > All Programs > KIPAS 2 > KIPAS 2**.
2. Confirm the message that staff data is already available with [OK].
3. You are asked whether staff data has already been entered. Click on **[No]** as KIPAS 2 has been installed for the first time.

The login dialogue will be displayed automatically. So that you can log on for the first time, an administrator with the login data below is created by default:

- User name: **admin**
- Password: **admin**

4. Click on [OK] to confirm the login data entered.

The **Edit workshop data** dialogue box will open.

Then you must

- enter the workshop data,
- enter the details for at least one employee,
- create an activation request and send it to your service partner.

### Update installation

Please refer to "*Starting the program after an update*" on page 13.

## Workshop data



### Important

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Workshop data is printed on the documents, e.g. on the test certificate. Therefore, it must be entered correctly without fail.

### "Workshop" tab

- All mandatory fields (yellow) must be filled in.
- **Seal number, Workshop name, Address** and **Phone number** of the workshop where the computer is located.
- Click on [Save] to save the data entered.

## Staff data

You must create at least one employee. All created employees are entitled to enter inspections. Employees who enter digital tachograph data must have been created and a workshop card assigned to them.

### "Personnel" tab

- All mandatory fields (yellow) must be filled in.
- **User name:** This is the name the user enters to log on to KIPAS 2. Duplicate entries are not possible; if employees' names are identical, enter the first letter of the first name to distinguish them for example.
- **Card number:** This number must be entered so that the user can log on with his workshop card and check digital tachographs.

- If the employee already has a workshop card, staff data can be read by clicking on [Workshop card]. The date of birth and a temporary password must be entered. This will then be modified by the workshop employee.
- **Password:** The password may consist of any number of characters. The password is case-sensitive. Normally, it consists of letters and figures.
- **Starting date:** This date must be entered. All other group details under **Staff history** are optional.  
For the date enter figures only. Two and four figures are permitted for the year. Spaces are not permitted.



Click on this button to save any data entered.



Click on this button to enter other employees' details.

### Tools > Change password

Select this command if you wish to change the password.

## Licensing

### Activation request

You must send an activation request including the workshop data to your service partner to receive the **Licence**.

- Click on [OK] to generate the activation request.
- When the data is entered, you will be asked how you would like to send it:
  - **Export** will create a file that can be sent by e-mail.
  - **Fax** will create a printout.
- With the activation request you request a KIPAS 2 licence (KIPAS Licence Card). Prior to this, a signature will only be sent to you in exceptional cases.

### Unlocking KIPAS 2

- The KIPAS Licence Card is inserted into the chip card reader. Select **Tools > Software licensing** to apply the licence.
- In the **Edit workshop data** dialogue box enter the signature (4x 8 characters) into the boxes under **Signature** and save it by clicking on [Save].

## Setting up KIPAS 2

### Tools > Options:

After installation the KIPAS administrator should check the settings for connected devices and applications:

#### "General" tab

- **Downloadkey:** Assigns a drive letter to the port used to access and download the Downloadkey.
- **CD-Writer:** Assigns the CD burner drive so that mass memory data can be written to a CD-ROM to be handed out to the customer or database backups be created.
- **Acrobat Reader:** Shows the path to the program file. By default, Acrobat Reader is installed in "C:\Programs\Adobe\Reader\AcroRd32.exe" or "C:\Program Files\Adobe\Reader\AcroRd32.exe".
- **Web browser:** Shows the path to the program file. By default, Microsoft Internet Explorer is installed in "C:\Programs\Internet Explorer\iexplorer.exe" or "C:\Program Files\Internet Explorer\iexplorer.exe".
-  This button opens the dialogue box where you can set the path.
- [Test]: Checks the set path and starts Adobe / Acrobat Reader or the Web browser.

#### "Printer" tab

- [Test print]: Enables the test certificate to be printed using sample data.
- The values for **Top margin / Left margin** specify the position of printed text on the test certificate or installation plaque.

#### "Tachographs/Test devices" tab

The **Tachograph** and **Test devices** configuration options enable you to read data directly from a connected tachograph, test device or the Downloadkey.

- Under **Tachograph configuration** configure the **COM** port on the workshop computer used to download DTCO 1381 mass memory data directly.
- Under **Test device configuration** configure the workshop computer to read in data directly from a connected test device (SDS device).
  - If you want to connect an SDS device, you will have to make a new connection cable or modify a printer cable.
  - The connection cable must not be longer than 20 metres to avoid data transmission errors.

Default

Click on this button to reset the settings to their default values.

#### "Database backup" tab

- Under **Chip card reader** select and accept the connected reader unit.
- Under **Database backup** specify when the database is to be backed up.
- Under **Enable database backup** specify the backup path and the backup start time.

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## Starting the program after an update

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Start > All Programs >  
KIPAS 2 > KIPAS 2

1. The program can be started using the standard start routine. Links from the previous installation will be copied.
2. Confirm the message that staff data is already available with [OK].
3. Enter the **Seal number** and confirm with [OK] when the program asks you whether workshop data has already been entered.
4. You are asked whether staff data has already been entered. Click on [Yes] as an earlier version of KIPAS 2 was installed.



### Important

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If you do not confirm the messages correctly, the program will not start. Then KIPAS 2 can be started again to confirm the messages correctly and /or completely.

5. The KIPAS administrator logs on using the login details below:



- User name: **admin**
- Password: **admin**

6. After login he should first check the program settings under **Tools > Options**.

## Working with KIPAS 2

### User interface

#### General program operation guidelines

<b>Selecting boxes</b>	Boxes can be selected by clicking with the mouse or pressing the [Tab] key to move from one box to the next.
<b>Coloured boxes</b>	Coloured boxes and list boxes are mandatory fields. If boxes are not coloured (optional fields) entering data is optional.
<b>Dimmed boxes and buttons</b>	Dimmed boxes and buttons with grey print are not available for the current program task.
<b>Quick Info (Quick Info)</b>	A Quick Info will be displayed when you rest the mouse pointer on an element briefly.
<b>Toolbar buttons</b>	Toolbar buttons enable you to work with KIPAS 2 quickly and easily.

#### Main window buttons

 Log on to KIPAS 2 (File > Login)	 Open customer management (Checks > Customer management)
 Create a new test certificate (Checks > New)	 Help for KIPAS 2 (? > Help for KIPAS 2)
 Open a test certificate (Checks > Open)	

#### Dialogue box buttons

 New data record	 Go to first data record
 Delete or cancel data record	 Show previous data record
 Cancel any changes made to the data record	 Show next data record
 Save data record	 Go to last data record
 Update data record	

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## Starting and closing

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### Starting and closing KIPAS 2

Start the program using the standard start routine, e.g. **Start > All Programs > KIPAS 2 > KIPAS 2**. If a shortcut has been created in the "Autostart" folder, KIPAS 2 will start automatically when the operating system is being booted.



Click on **File > Close** or on the relevant button in the program window's title bar to close KIPAS 2.

### Shortcuts

To start the program quickly shortcuts pointing to the program file can be created

- on the **desktop**
- in the **Quick Launch bar**
- in the **Autostart** folder.

Generally, the **KIPAS20.exe** program file is located in the "C:\Programs\KIPAS20" or "C:\Program Files\KIPAS20" directory.

Make sure that you copy the shortcuts into the "All Users" directory so that these are available to all users that log on to the operating system (please refer to the documentation for the operating system used).

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## Logging on and logging off

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### Login

You must log on to KIPAS 2 to access the program functions.

- Only the KIPAS administrator has access to all the functions.
- Whenever you want to enter or edit digital tachograph data, you must log on with a workshop card.
- An employee can only log on with the workshop card for which he has been authorised.
- If employees want to carry out any other data recording and editing tasks, they will only need to log on with their user name and password.



The user name and password must be entered for each login procedure.

- Click on
  - [OK] if you have logged on in the normal way
  - [Workshop card] when logging on with a workshop card.



### Important

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When logging on with a workshop card, the card must not be removed from the chip card reader while data (calibration data records) is being uploaded into the buffer memory (when data transfer is complete, the LED on the chip card reader stops flashing).

### Logout

Only one user at a time can be logged on to KIPAS 2. When an employee logs on, the previously logged on employee will be logged off automatically.

### File > Logout

By logging off manually the session will be closed without closing the program.

## Customer management



You use the customer management function to store and modify vehicle owner, vehicle and contact master data. You can enter, modify, supplement or delete this data if necessary.

### Checks > Customer management: Customer data tab

- The data on the **Customer data** tab must be entered correctly as it will be printed on the test certificate as the vehicle owner data.
- Under **Customer number** you can enter any number but it must be unique. If you do not enter a customer number, KIPAS 2 will assign a consecutive number. **Customer name** and **Address** relate to the company; staff in the customer's company will be entered on the **Contact** tab.

### "Contact details" tab

- Contact details are stored in the internationally accepted format, e.g. +49 (0) 1234 567,890 or info@customer.com.

### "Contact" tab

- **Contact** data entered for customers enable you to add an additional phone number or e-mail address. If you have not entered a contact, the **Vehicle assignment** tab cannot be selected (made available).

### "Vehicle" tab

- Vehicle data must be entered correctly as it will be printed on the test certificate as the vehicle data.
- A dialogue box will appear telling you that the vehicle already exists in KIPAS 2 if the vehicle owner has changed but the vehicle registration number is still the same, for example. In this case, proceed as follows:
  - If no inspection is stored for the vehicle in KIPAS 2, you can delete the vehicle from the existing customer's record and then create it for the new vehicle owner.
  - If inspections are already stored for the vehicle, the vehicle will be created again for the new vehicle owner.
- The **Vehicle no.** will be defined by the customer.
- Please refer to the vehicle registration document for details to be entered in the **VIN** and up to the **Registration date** boxes.
- **Vehicle make** and **Model** are entered too and can be selected from the list when creating new vehicles.

### Deleting



#### Important

#### Deleting

- a vehicle owner is only possible if no inspection or mass memory data has been stored for any of his vehicles. When deleting a vehicle owner for whom vehicles with and without inspections or mass memory data are stored, only the vehicles for which no inspections or download files are stored will be deleted.
- a vehicle is only possible if no inspection data has been stored for the vehicle (test certificates, mass memory data etc.).
- a contact is always possible. When deleting a contact, the vehicles assigned to him will be deleted too.

## Test certificates



In KIPAS 2 the recorded inspection data is used as a basis for monitoring schedules and creating the necessary printouts and report summaries.

- KIPAS 2 test certificate forms can be obtained from your service partner.
- New customer and vehicle data can be entered while entering the inspection data.
- Saved customer and vehicle data can be selected from the list boxes.



- Data can only be modified within **24 hours** of the first data record printout (open test certificate).
- You can select saved inspection data using the navigation buttons after selecting the customer and the vehicle.

### "Vehicle owner data" tab

- Only if you have filled in the mandatory fields is the next tab made available.
- When the customer and the vehicle are selected, the inspection data can be loaded directly into the test certificate from an SDS test device or workshop card (digital tachographs) by clicking on [Read in]. Details for the other mandatory fields must then be entered manually.

### "Tachograph data" tab

- The logged in tester (technician) is copied into the **Tester** box automatically.
  - The **Inspection date** must be absolutely correct even if the inspection was performed more than 24 hours ago. The time limit for making any changes does not start from the entered inspection date but is calculated by the program from the date the test certificate was printed.
  - You can enter a new **TCO device type** that will then be available for selection in future. You must also define whether it is a digital tachograph.
  - If the tachograph is to be replaced, select the relevant option under **Tachograph** and enter the odometer reading.
    - **New:** A defective tachograph will be replaced by a new one.
    - **RAS:** A defective tachograph will be replaced by a replacement unit.
    - **Repair:** A defective tachograph was repaired.
- By selecting the option again you can cancel the selection.



### "RSL data" tab

- If the **RSL inspection completed** check box is selected, the boxes will be made available.
- The mandatory fields below must be copied from the model plate:
  - **Date of manufacture**
  - **Serial number** and
  - **RSL control unit** type designation.

### "Vehicle test" tab

- If the inspection data is not read in from a rolling road bench (ATC), the **Correction factor** must be set manually.

### "Device test" tab

- All mandatory fields must be filled in regardless of the tachograph type checked.

### "General work" tab

- General work details are optional.

### "Special equipment" tab

- Special equipment details are optional.

**"Service" tab**

- The test certificate cannot be printed if details on **Defects and irregularities detected** are missing.
  - Select the **None** check box if no defects and irregularities were detected during the inspection.
  - If defects have been detected, you can add comments on the type and extent of the defect.

**Printing the test certificate**



With KIPAS 2 you print the test certificate, the installation and constant plaques at the same time. If you have entered both inspections, i.e. the tachograph inspection and the RSL check, the order of the printout is as follows:

- Front: Tachograph inspection
- Back: Tachograph inspection
- RSL check (front only).

**Cancel test certificate**



If, **after more than 24 hours**, you detect that the saved data is faulty or incomplete, the data record will be deleted and a new test certificate will then be created for the vehicle inspected.

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## **Mass memory data**

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**Mass memory**

The digital tachograph saves the data in so-called data blocks in its mass memory. The data blocks can be downloaded separately. If there is a defect the data must be downloaded completely.

In KIPAS 2 this data can be downloaded, archived, burned to a CD-ROM that is handed out to the customer or saved in a freely selectable archiving folder.

Data that has been archived in KIPAS 2 can be retrieved from the database later and supplied to the customer on CD-ROM or another data carrier. Then the mass memory data can be deleted from the database. Please refer to *"Deleting the mass memory"* on page 20.



**Important**

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Please observe the archiving regulations relating to digital tachograph mass memory data in your country.

**Download**

Data can be downloaded

- from a Downloadkey
- directly from a digital tachograph.

**Archiving**

Data is archived

- either directly on a data carrier (CD-ROM or archiving folder) or
- in the database if the data cannot be handed out to the customer yet.

## Data source (Download)

### File > Archive mass memory

The employee must be logged on to KIPAS 2 with his workshop card to archive mass memory data.



The archiving procedure starts when a new data record is being entered.

### "Vehicle owner data" tab

- Only if you have filled in the mandatory fields is the next tab made available.
- New customer and vehicle data can be entered directly.
- Saved customer and vehicle data can be selected from the list boxes.

### "Archiving" tab

- **Digital Tachograph:** Data from a connected digital tachograph or notebook will be downloaded.
- **File:** Data from a connected Downloadkey will be read. If a Downloadkey is connected, the drive is called **Downloadkey**. The saved download files can be selected.
- **Database:** Saved data will be read from the database. The desired download file can be selected by clicking the mouse.
-  Click on this button to choose the path if you have selected **File** or **Database**.
- [Start]: The data from the selected source will be read and copied to the clipboard. When the data has been read, the check boxes under **Data target** can be selected.
- **Never** remove the Downloadkey from the computer during data transfer. Doing this, could corrupt the data and cause the computer to crash.

## Data target (archiving)



### Important

When selecting data to be handed out to the customer (company), you must make a note of the selected company entries (Lock-ins).

- **Database:** This option is selected by default. Saving the data in the database is not compulsory as the program will ask you whether you want to save the data each time an archiving procedure is started.
- **Serial transfer:** The data will be transferred to the workshop computer via the COM port, e.g. a notebook COM port.
- **CD-Writer:** The data will be transferred to the CD - Writer utility so that it can be written to the CD-ROM directly.
- **Archiving path:** The directory where the data should be saved must be entered. The file name cannot be modified.
- [Data summary]: Opens a dialogue box where you can check the type and quantity of data copied to the clipboard.
- [Archive]: Starts the data storage procedure based on the selected data target(s).

## Certificate of Downloadability / Undownloadability

### "Download check list" tab

In KIPAS 2 you can create the Certificate of Downloadability or Undownloadability in your language.

- The details necessary for the certificate will be copied automatically from the downloaded data.
- **Installation location:** Relates to the tachograph installed in the vehicle.
- A text box is available where you enter the reason why the data is incomplete.
- Once the data has been saved, the print function is made available.

## Deleting the mass memory

### File > Delete mass memory

This command will delete the mass memory data when it has been handed out to the customer or when the required archiving period has elapsed.



#### Important

Please observe the archiving regulations relating to digital tachograph mass memory data in your country.

The file name in the **Download file** column indicates when the data was downloaded (date and time), the vehicle registration number and vehicle identification number.

## Downloadkey configuration

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You can use KIPAS 2 to configure a Downloadkey for data transfer between digital tachographs and KIPAS 2.

By configuring the Downloadkey you define which digital tachograph data should be copied and saved for archiving and analysis.

The configuration procedure is described in detail in the Downloadkey operating instructions.

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## CD – Backup

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This utility enables you to burn mass memory data directly from KIPAS 2 (Archive mass memory) or scheduled backup copies of the KIPAS 2 database to CD-ROM. CD – Backup will start and close automatically together with KIPAS 2.

- **Source path:** The directory where the database backup copies should be saved must be entered.
- **CD – Writer:** Specify the drive to which the CD burner is connected.
- **Time interval:** Interval in which the program checks whether new backup files are available. These files are then burned to a writable CD-ROM in the CD burner.
- **CD-Writer state:** Displays text information on the individual burning phases.
- **Last message:** Indicates whether the burning process was successful or not.

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## Glossary

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<b>JBoss</b>	JBoss application server: Application server based on the J2EE standard. JBoss: Java workflow engine.
<b>MDAC</b>	MDAC = Microsoft Data Access Components: Summary of components used for data access connections. KIPAS 2 requires at least version 2.7.
<b>MSDE</b>	MSDE = Microsoft Desktop Engine (also called Microsoft Database Engine): SQL server version with limited database management functions.
<b>VNC</b>	VNC = Virtual Network Computing: Software with which, after a query, a local computer can be accessed by a remote computer. (Installed for remote maintenance purposes.)