

# Kamstrup | LKG

L i c e n s e   K e y   G e n e r a t o r



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# 1 Introduction

The program Kamstrup License Key Generator is used when

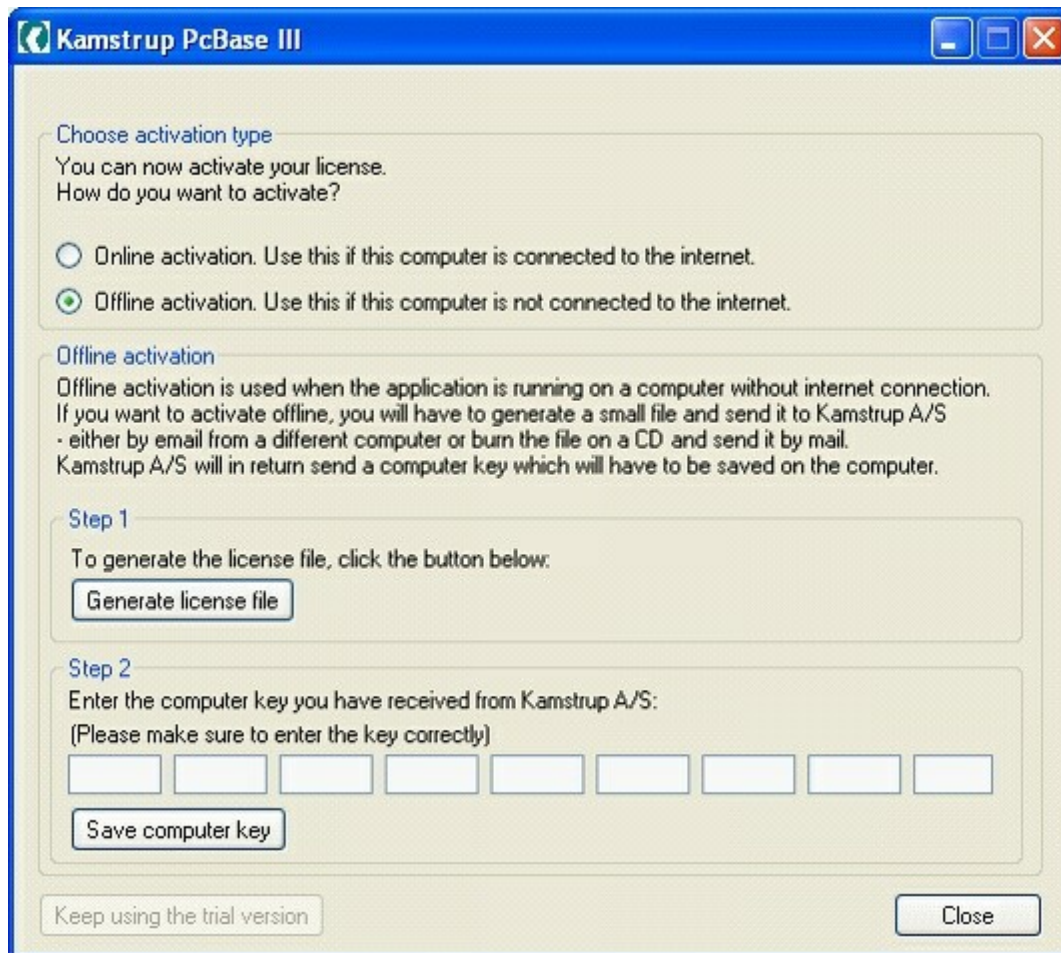
- a customer is registering a PcBase III license without using the internet
- generating extra license keys to a customer, or
- maintaining licenses (unlock/delete/add extra trial license days).

## 2 Offline activation of license

Offline activation is used in the cases where PcBase III is installed on a computer that does not have access to the license server. The reasons for this can be that the computer is not connected to the internet or that network communication is prevented by a firewall.

### In PcBase III, the following is shown to the customer:

The customer wants to activate his license for PcBase III offline:



The screenshot shows the 'Kamstrup PcBase III' activation window. It has a blue title bar with standard Windows window controls. The main area is light beige and contains the following elements:

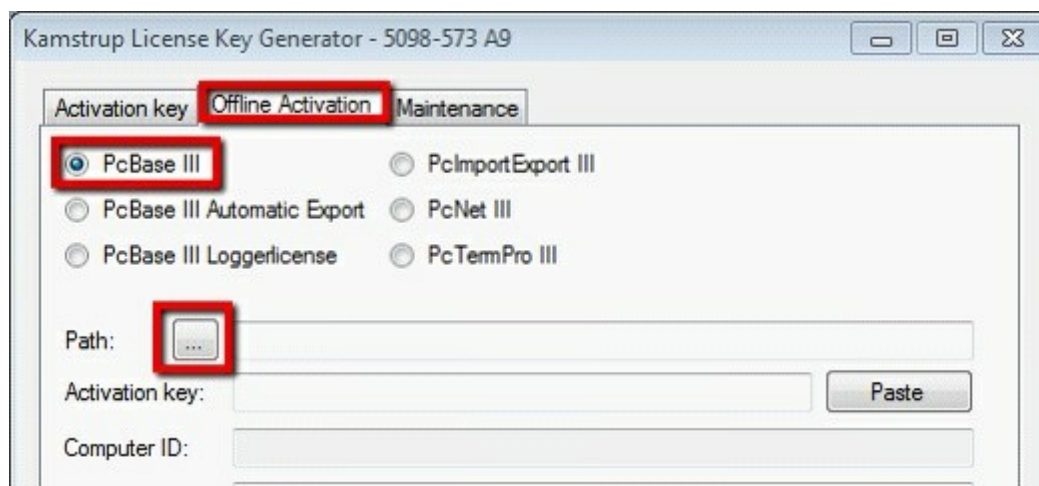
- Choose activation type:** A section with the text 'You can now activate your license. How do you want to activate?'. It contains two radio buttons: 'Online activation. Use this if this computer is connected to the internet.' (unselected) and 'Offline activation. Use this if this computer is not connected to the internet.' (selected).
- Offline activation:** A section with explanatory text: 'Offline activation is used when the application is running on a computer without internet connection. If you want to activate offline, you will have to generate a small file and send it to Kamstrup A/S - either by email from a different computer or burn the file on a CD and send it by mail. Kamstrup A/S will in return send a computer key which will have to be saved on the computer.'
- Step 1:** A section with the text 'To generate the license file, click the button below:' and a button labeled 'Generate license file'.
- Step 2:** A section with the text 'Enter the computer key you have received from Kamstrup A/S: (Please make sure to enter the key correctly)'. It features a row of ten empty text boxes for entering the key, followed by a button labeled 'Save computer key'.
- Footer:** At the bottom, there is a button labeled 'Keep using the trial version' on the left and a button labeled 'Close' on the right.

The customer generates a license file via the button [Generate license file] and sends it to Kamstrup A/S.

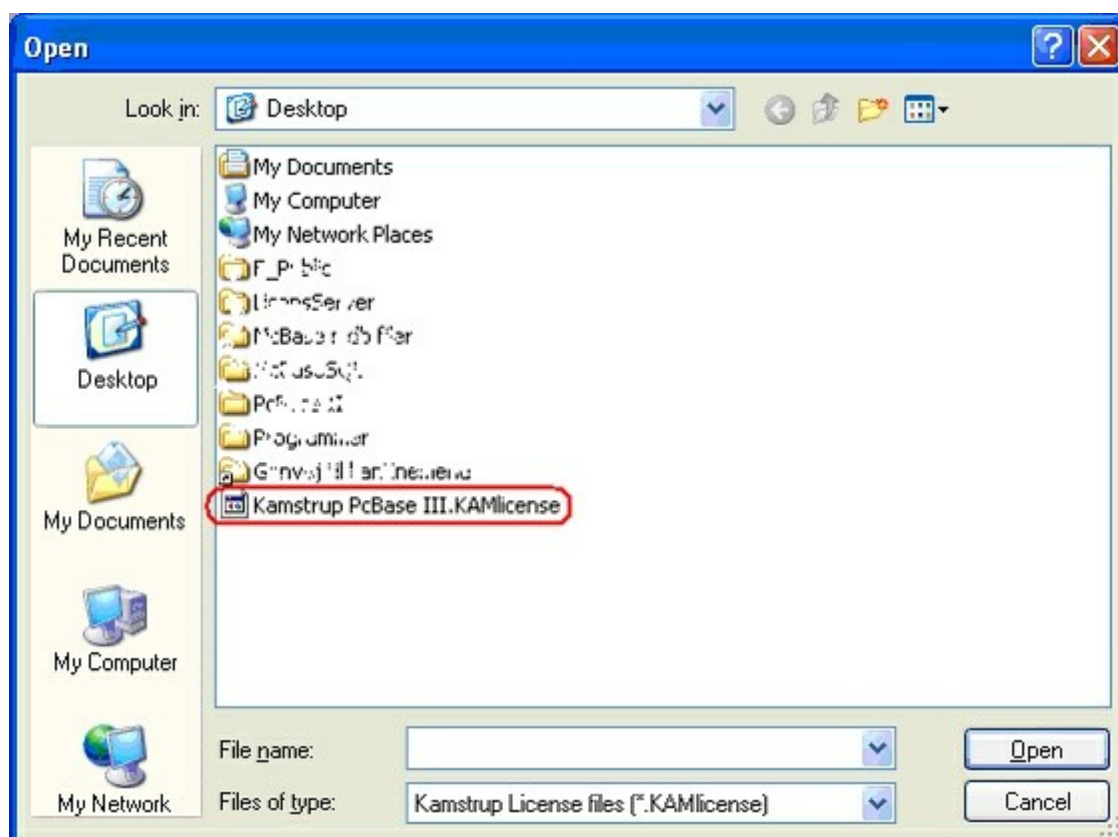
## The following is shown at Kamstrup A/S:

The file is saved on the computer in order to access it from e.g. the desktop.

Start the program Kamstrup License Key Generator.



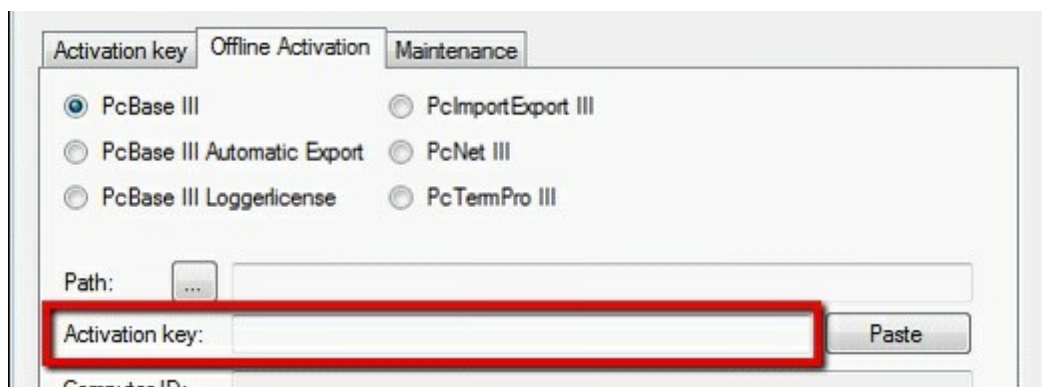
1. Choose the tab *Offline Activation*
2. Choose *PcBase III*
3. Choose the button [...] and search for the file.





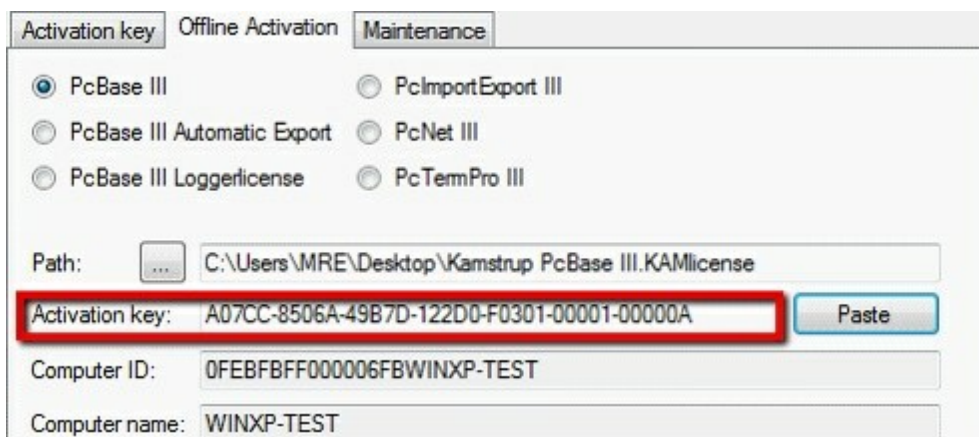
## Then, one of the following can happen:

1. The field *Activation key* has not been entered:



The screenshot shows the 'Activation key' tab selected. Below the tabs are six radio button options:   
☒ PcBase III   
☐ PcImportExport III   
☐ PcBase III Automatic Export   
☐ PcNet III   
☐ PcBase III Loggerlicense   
☐ PcTempPro III   
Below these options is a 'Path:' label followed by a text box containing 'C:\Users\MRE\Desktop\Kamstrup PcBase III.KAMlicense'. Below the path is the 'Activation key:' label followed by an empty text box, which is highlighted with a red rectangle. To the right of this text box is a 'Paste' button. At the bottom, the 'Computer ID:' label is followed by a text box containing '0FEBFBFF000006FBWINXP-TEST'.

2. The field *Activation key* has been entered:



The screenshot shows the same interface as the previous one, but the 'Activation key:' text box is now filled with the license key 'A07CC-8506A-49B7D-122D0-F0301-00001-00000A', which is highlighted with a red rectangle. The 'Paste' button is now disabled. The 'Path:' text box still contains 'C:\Users\MRE\Desktop\Kamstrup PcBase III.KAMlicense'. The 'Computer ID:' text box still contains '0FEBFBFF000006FBWINXP-TEST'. The 'Computer name:' text box at the bottom now contains 'WINXP-TEST'.



**If the field has not been entered:**

Generate an activation key (see [Generating a new activation key](#)).

Click on [Paste]. This will insert the activation key in the field.

Path: C:\Users\MRE\Desktop\Kamstrup PcBase III.KAMlicense

Activation key: A07CC-8506A-49B7D-122D0-F0301-00001-00000A **Paste**

Computer ID: 0FEBFBFF000006FBWINXP-TEST

Computer name: WINXP-TEST

Then proceed as if the field had been entered from the beginning.

**If the field has been entered:**

1. Click on [Generate computer key]. In this case, the license server is contacted, and therefore, it may take a while before the computer key is shown in the text field.
2. Click on [Copy]. This will copy the computer key from the text field and place it in the clipboard folder.
3. The computer key can now be sent to the customer, e.g. by e-mail.

Activation key Offline Activation Maintenance

☒ PcBase III ☐ PcImportExport III

☐ PcBase III Automatic Export ☐ PcNet III

☐ PcBase III Loggerlicense ☐ PcTermPro III

Path: ... C:\Users\MRE\Desktop\Kamstrup PcBase III.KAMlicense

Activation key: A0771-85099-49D7D-1A2D0-40D01-00001-00000A Paste

ID: 0FEBFBFF000006FBWINXP-TEST

1. Name: WINXP-TEST

Generate computer key Reset all

U07A5-850D6-44D74-112D0-F0D01-00001-00000-U6096-19E2

Copy 2.

## Now, the following is shown to the customer:

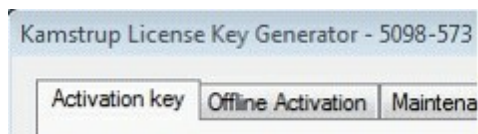
When the customer has received the computer key, it must be entered under *Step 2* and saved:

The screenshot shows a Windows-style dialog box titled "Kamstrup PcBase III - Trial". It contains the following sections:

- Choose activation type**  
You can now activate your license.  
How do you want to activate?
  - ☐ Online activation. Use this if this computer is connected to the internet.
  - ☒ Offline activation. Use this if this computer is not connected to the internet.
- Offline activation**  
Offline activation is used when the application is running on a computer without internet connection. If you want to activate offline, you will have to generate a small file and send it to Kamstrup A/S - either by email from a different computer or burn the file on a CD and send it by mail. Kamstrup A/S will in return send a computer key which will have to be saved on the computer.
- Step 1**  
To generate the license file, click the button below:
- Step 2**  
Enter the computer key you have received from Kamstrup A/S:  
(Please make sure to enter the key correctly)  
A row of ten text boxes contains the key: U0736 85098 4B476 1E2D0 30101 00100 00000 UC60C 01D6|
- At the bottom, there are two buttons:  and .

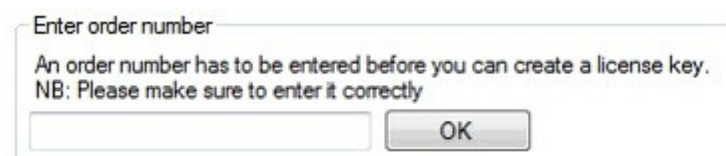
### 3 Generating a new activation key

Choose the tab *Activation key*:

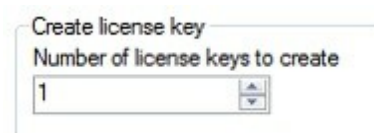


To generate a license key, enter an order number and click on [OK].

Please make sure to enter the order number correctly.

The screenshot shows a dialog box titled 'Enter order number'. It contains a text input field and an 'OK' button. Below the input field, there is a message: 'An order number has to be entered before you can create a license key. NB: Please make sure to enter it correctly'.

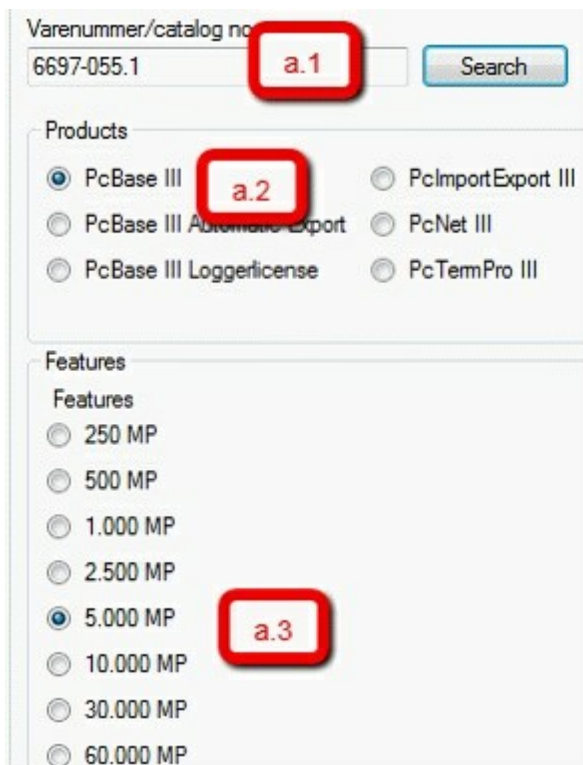
Choose the number of keys to generate:

The screenshot shows a dialog box titled 'Create license key'. It contains a label 'Number of license keys to create' and a spin box with the value '1'.

Choose the reason for unlocking the key either by:

a) Searching by catalog No.

1. Enter the catalog No.
2. Click on [Search].
3. Check the markings under *Products* and *Features*.



Varenummer/catalog no.  
6697-055.1 **a.1** Search

Products

☒ PcBase III **a.2** ☐ PcImportExport III  
☐ PcBase III Automatic Export ☐ PcNet III  
☐ PcBase III Loggerlicense ☐ PcTermPro III

Features

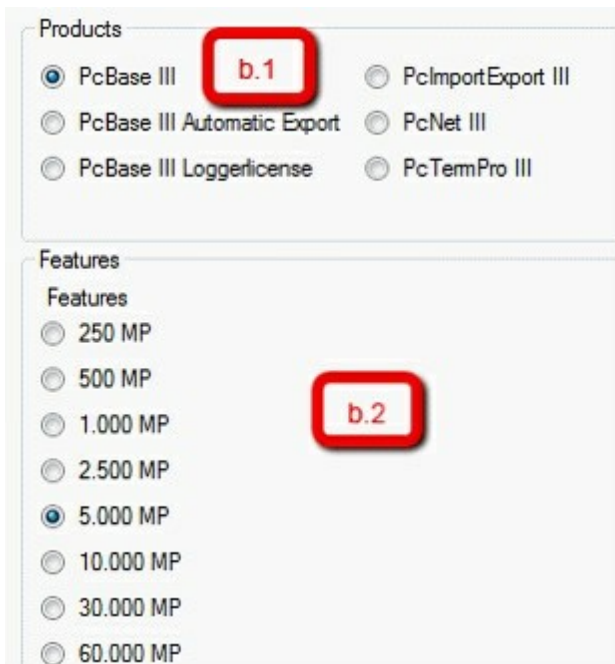
Features

☐ 250 MP  
☐ 500 MP  
☐ 1.000 MP  
☐ 2.500 MP  
☒ 5.000 MP **a.3**  
☐ 10.000 MP  
☐ 30.000 MP  
☐ 60.000 MP

or

b) Choosing separately

1. Choose PcBase III as product
2. Choose the number of metering points that the customer has bought.



Products

☒ PcBase III **b.1** ☐ PcImportExport III  
☐ PcBase III Automatic Export ☐ PcNet III  
☐ PcBase III Loggerlicense ☐ PcTermPro III

Features

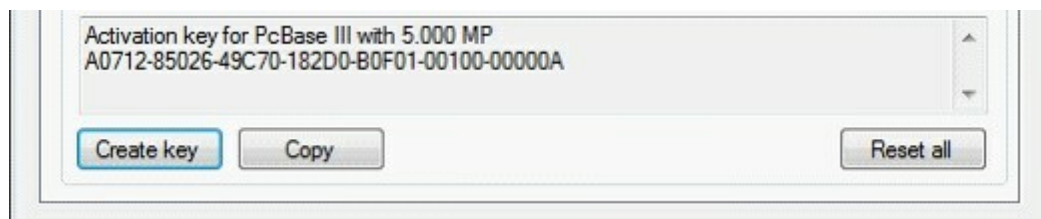
Features

☐ 250 MP  
☐ 500 MP  
☐ 1.000 MP  
☐ 2.500 MP  
☒ 5.000 MP **b.2**  
☐ 10.000 MP  
☐ 30.000 MP  
☐ 60.000 MP

Click on [Create key] in the lower left corner.

The key/keys are visible in the text field at the bottom of the window.

If you have generated **one key**, you can click on [Copy]. This button only copies the activation key, and not the entire text in the text field.



If you have generated **several keys**, you can click on [Save keys to file].



By clicking this button, it is possible to save the keys in a csv file that can be opened in Excel:

	A	B	C
1	Product,	Feature,	Activation key
2	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000000
3	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000001
4	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000002
5	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000003
6	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000004
7	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000005
8	PcBase III,	5.000 MP,	A071D-850F6-47A73-112D0-10001-00800-000006



## 4 Maintaining licenses



Under the tab *Maintenance*, you can do the following:

1. [Unlock a license](#)
2. [Delete a license](#)
3. [Give a customer extra days for a trial license.](#)

### 4.1 Unlock/delete license

To unlock or delete a license, the relevant license must be available in the database. The license can be found by entering the order number, the activation key and/or the computer name.

Unfortunately, not all keys are linked to an order number, and therefore, not all keys may be found on the basis of this number.

 The screenshot shows the 'Release/Delete' sub-tab. It contains a 'Search Criteria' section with the instruction: 'To find license key information enter license key and/or order no. below and click search.' There are three input fields: 'Order No.', 'License key', and 'Computer name', each followed by 'and/or'. A 'Search' button is located to the right of the 'Computer name' field.

The search result appears from the table:

 The screenshot shows the 'Found data' section with a table of search results. The table has five columns: License key, Product, Offline key, and Computer name. The first row is highlighted with a blue background.
 

License key	Product	Offline key	Computer name
A071F850434B4...	PcBase III	U073A850E2455...	DK-MRE-851
A07FAAB0BDC1...	PcBase III Autom...	U077AAB065C3...	DK-MRE-851
A07AD4D07DEC...	PcBase III Logge...	U07464D0A8E2...	DK-MRE-851

If several licenses fulfil the search criteria, only the marked license will be handled. You can change the marking by clicking the relevant line.



In the right side of the table, the number of times a license has been unlocked is visible:

Found data

Offline key	Computer name	Order no	Unlock count
U07D585041456...	DK-MRE-8510P		1

When the license has been chosen, you can either unlock it in order to reuse it on a different computer or delete it:

Action

**Unlock License**

Unlocking a license means it can be reused on a different computer.

Unlock selected license

**Delete License**

Deleting a license means it will be gone for good.  
It can not be used or found again.

Delete selected license

You are welcome to enter a comment in the comment field - this may be useful when reviewing the log at a later time.

## 4.2 Extra days for the trial license

Release/Delete Extra trial days

If a customer's license has run out, and the customer cannot do without the program for the period of time it takes before he receives a permanent license on CD by post, a license file can be generated that gives him extra trial license days.

This is only applicable to customers who have bought a license, and therefore, the order number must be entered in order to generate the file:

Release/Delete Extra trial days

Enter order number

An order number has to be entered before you can create a license key.  
NB: Please make sure to enter it correctly

OK

When the order number has been approved, choose the product for which extra days are needed, and enter the number of extra days needed (max 90 days). Then, click on [Create Trial Key]:

Create trial key

Extra trial days is for customers who's original trial license has or will expire before they receive their permanent license.

First: Choose product  
Second: Choose number of extra days  
Third: Generate new trial key

Products

☒ PcBase III      ☐ PcImportExport III  
☐ PcBase III Automatic Export      ☐ PcNet III  
☐ PcBase III Loggerlicense      ☐ PcTermPro III

Number of days:  Expires on 02-09-2010

Fourth: Send the [number].license file to the customer.  
The customer should find the folder where the existing license file is (it has the same name as the one you just created).  
Then he/she has to overwrite the existing file - while the program is closed(!) - with the one Kamstrup A/S has sent to them.

The key is saved in a file that must be sent to the customer. The customer must now close the current program, find the folder with the existing license file and overwrite it with the file received from Kamstrup A/S.

The customer may need help to find the relevant folder. As standard, it is located in the same place as where the program is installed (under Program files) or under C:\ProgramData\Kamstrup.

## 5 Overview of concepts

### Activation key

Can also be referred to as online license key since it is the key with which the customer can register on the network. The customer receives it on the CD in a text file called ActivationKey.txt.

An activation key is not locked to a specific customer. In principle, it can be used by anyone until it is locked by being activated.

### Computer key

Can also be referred to as offline license key since it is the key that should be sent to the customers that do not have network access to their product. The computer key is locked to a specific computer.

### Computer ID

The ID to which the computer key is locked. It consists of a hardware ID and the computer name. If the customer changes one or both of these, the license no longer works and the product cannot be used.

### Computer name

Computer name

### License file

A file that customers send to Kamstrup A / S when they have to offline activate their licence. The file is encrypted so you cannot immediately see that it contains:

- Computer name
- Computer ID
- Activation key – this only exists in the file if the customer has entered his activation key in the product. Otherwise, it is missing.

