

M-LOCK 2001
user manual



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user manual

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M-LOCK, user manual

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Table of contents

I. Introduction	xi
What you should know before you read this book.....	xii
What this manual includes	xiii
Further information	xiv
Conventions.....	xiv
1. Working with M-LOCK	15
Start and Exit of M-LOCK.....	16
Start on the console	16
Start as a shortcut	17
Start from M-ADMIN	17
Exit	17
Properties of the main window.....	18
Commands in the action bar	20
Menu "License".....	20
Menu "Help"	20
License Server Information.....	21

License daemon on UNIX platforms.....	23
Install a permanent license daemon.....	23
Start/Stop daemon and inquire license state.....	24
Remove daemon	25
Log file	25
Error cause.....	25
License daemon on Windows NT/2000	27
Install a permanent license daemon.....	27
Start/Stop daemon	27
Remove daemon	27
Log file	28
Error cause.....	28
Create license file	31
Enter new password	32
Manage users in M-LOCK	34
Assign users to a product	36
Remove License	37
2. Ordering license	39
Create your own offer.....	40
Registration in M-LOP	41
Login in M-LOP	42
Registration	43
Ordering licenses	45
Order new product license.....	46
European countries	52
Final license.....	54

Additional licenses	55
Expand existing license.....	55
New license	58
Authorized SDRC reseller.....	59
Registration at M-QUEST.....	60
Register a new customer	62
Order a customer license.....	63
Customer overview	64
3. M-LOCK installation	65
The directory structure of M-LOCK	66
cmd.win and cmd.unix directory.....	67
mlock directory	67
A. Structure of license file	69
Setup of the license file	70
M-LOCK parameter	71
Product parameter	72
User parameter	73
Peculiarities	74

Illustrations

Illustration 1-1	M-LOCK main view from a client.....	18
Illustration 1-2	M-LOCK main view from a server.....	19
Illustration 1-3	Enter password.....	32
Illustration 1-4	Available users in M-LOCK.....	34
Illustration 1-5	Assign users to a product.....	36
Illustration 2-1	Product calculation sheet.....	40
Illustration 2-2	Start-up page of M-LOP.....	41
Illustration 2-3	Login in M-LOP.....	42
Illustration 2-4	Registration - Personal information.....	43
Illustration 2-5	Registration - Profile information.....	44
Illustration 2-6	Personal license area.....	45
Illustration 2-7	Order new product licenses.....	46
Illustration 2-8	Inspection of the license costs.....	47
Illustration 2-9	HTML invoice - part 1.....	48
Illustration 2-10	HTML invoice - part 2.....	49
Illustration 2-11	Updated license area after invoice generation.....	50
Illustration 2-12	Insert an additional European Community entry field.....	52
Illustration 2-13	European entry field in the invoice.....	53

Illustration 2-14	Final product license	54
Illustration 2-15	Request additional licenses	55
Illustration 2-16	Invoice with additional licenses	56
Illustration 2-17	Updated license area with extended license.....	57
Illustration 2-18	Updated license area with new license	58
Illustration 2-19	Address for reseller	60
Illustration 2-20	License area for reseller	61
Illustration 2-21	License area of the customer	62
Illustration 2-22	Sheet with all customer licenses	63
Illustration 2-23	Reseller overview with all customers	64
Illustration 3-1	Directory tree of M-LOCK	66

I. Introduction

This documentation describes the license program M-LOCK. Some M-QUEST products require a license so that the demo mode can be removed. The licenses can be generated directly on the Internet.

M-LOCK is a single protection mechanism. Through that the installation and the service are conceivably simple. If nevertheless you have questions, this documentation can help you.

What you should know before you read this book

A license program is directly with the operating system rooted. Every operating system has its own mechanisms for starting and stopping of a task. M-LOCK bases on this technique. The wheel is not invented again. Unfortunately these commands need administrator rights.

If in this book commands are used, it is provided that you have local administrator rights or you are registered as an administrator at the system.

What this manual includes

This manual contains following chapters:

- Chapter 1, "Working with M-LOCK" presents survey of the service of the program, the special features and the commands for the call on the console.
- Chapter 2, "Ordering license" explains the electronic license order processing, short M-LOP. All necessary steps are shown how to get a license.
- Chapter 3, "M-LOCK installation" shows the directory structure, which one is put on by M-LOCK during the installation.
- Appendix A, "Structure of license file" explains in a short and easy way how the license file can be manipulated manually.

Further information

M-LOCK is integrated into the structure of M-QUEST. Other products do central settings and the administration. For further information you consult the corresponding manuals.

- *M-ADMIN 2001*, which configures all M-QUEST products and sets the work environment as well as the external applications.

Conventions

Subsequently the conventions are listed which ones are used in this manual:

- **Bold** – highlights and window names.
- *Italic* – buttons, entry names and notebooks.
- Normal – general text.
- "Quotation mark" – menu title and sub menus.
- `Fix width` – file names, directories, environment variables, source code, examples and command syntax.
- **Bold and fix width** – input through customers, keyboard commands **<Ctrl>** are marked between < and > sign.

1. Working with M-LOCK

M-LOCK is a license program for the M-QUEST products. The main focus was on a very easy and simple user interface. M-LOCK is designed that all customers has the same conditions. Customers, which will use extended functionality, can do this with a license. When you can do the work with the free software modules no costs will arise then for you.

M-LOCK runs on all supplementary M-QUEST platforms. It plays no role which platform does the license server. All other platforms require only a "peer to peer" connection to the license server. The license server can be also at another site, as so long as a Intranet or Internet connection can be guaranteed.

NFS mounts or shared disk drives are not necessary. The client does need to have any physical access to the license server.

M-LOCK does not support any "floating license". Every user that likes to use a chargeable product needs a license. This is also called "named license". Another possibility is the use of an enterprise license. The number user is free and does not have to be declared.

Redundant license servers are also not supported. Arrange for this purpose a central license server.

Start and Exit of M-LOCK

M-LOCK can be started in different kind and manner. For which kind you decide depends on the type of use and the available operating system.

This manual sets ahead you have mapped the global environment path to the M-QUEST installation directory. Otherwise, add the absolute installation path in front of the command.

Start on the console

In order to start M-LOCK on the console, use following syntax:

```
mlock ?-Option, -Option ...?
```

An option starts always with a minus sign (-).

Option	Description
-h	Lists all available options. M-ADMIN is not started.
-lx	Switches the user language. The placeholder (x) is to replace with one of the following numbers: 0 - English, 1 - French, 2 - German and 3 - Italian.

The application M-LOCK does not require any arguments.

Example of a UNIX platform

```
$ mlock  
$ mlock -10
```

Example of Windows NT/2000

```
> mlock  
> mlock -10
```


Start as a shortcut



M-LOCK can be run also via a shortcut. This cycle of operations is applied under Windows NT/2000. If you work on a UNIX platform, you can make also a shortcut on your desktop. Please consult for this purpose the manual of your operating system manufacturer.

Remark:

During the installation of M-LOCK the shortcut icon is created under Windows NT/2000 automatically. If that is not the case, this can be done also manually. Please consult for this purpose the online help of Windows NT/2000.

You can do a double click on the icon and M-LOCK starts. The language cannot be changed directly. The shortcut must be edited for this purpose. You add for this purpose the option **-1x** at the end of the command. The **(x)** corresponds in this case to the languages: **0** = English, **1** = French, **2** = German and **3** = Italian.

Start from M-ADMIN



Start M-ADMIN on the console or through a double click onto the shortcut M-ADMIN. Choose next the icon *"Install or Remove M-LOCK license"*. The external application M-LOCK will be executed

Exit

In order to exit M-LOCK, you choose "Exit" or "Save and Exit" in the menu "License". M-LOCK is terminated and unlocked the console. A started license process is not stopped.

Properties of the main window

M-LOCK has two faces. The appearance of M-LOCK can vary according to the installation. If M-LOCK is started on a client or on the license server, which the variable `MQUEST_SERVER` in the file `M-QUEST varbs` points to another license server, M-LOCK appears with following face:

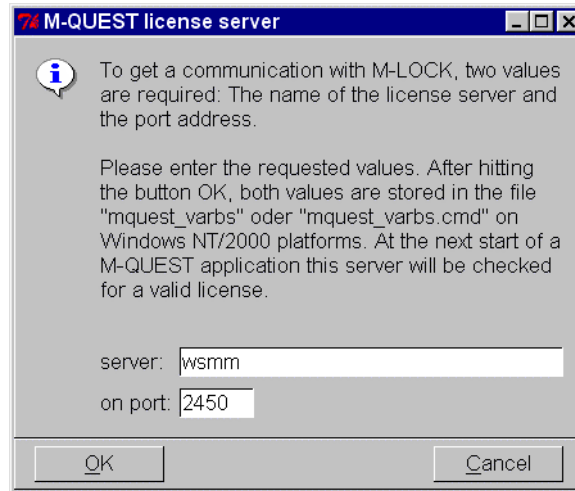


Illustration 1-1 M-LOCK main view from a client

Enter the name (no TCP/IP number) of the license machine and the port number (communications address). The number **2450** is set as default.

The information is stored in the `M-QUEST varbs` file as variables `MQUEST_SERVER` and `MQUEST_PORT`. If you want to switch to another license server, simply modify these two values.

If M-LOCK is installed locally and you would like to reuse this license, then set the variable **`MQUEST_SERVER`** to the current host name. End M-LOCK and start the application again. Now the appearance will change.

Points the variable MQUEST_SERVER onto the current host and M-LOCK is installed a license can be entered or processed. M-LOCK goes out, that this computer and the current installation directory of M-QUEST should be used for licensing.

If M-LOCK is started, the main window appears. This is divided as follows:

- *"License server information"* - in this field all necessary information's are listed to you for ordering a password. Furthermore the demon can be started or terminated. Also installing of a permanent license demon is possible.
- *"License file"* - all further inputs are stored directly into the performed license file. If a license file is already available, this is read and the available passwords are decoded.
- Status bar for the license status.

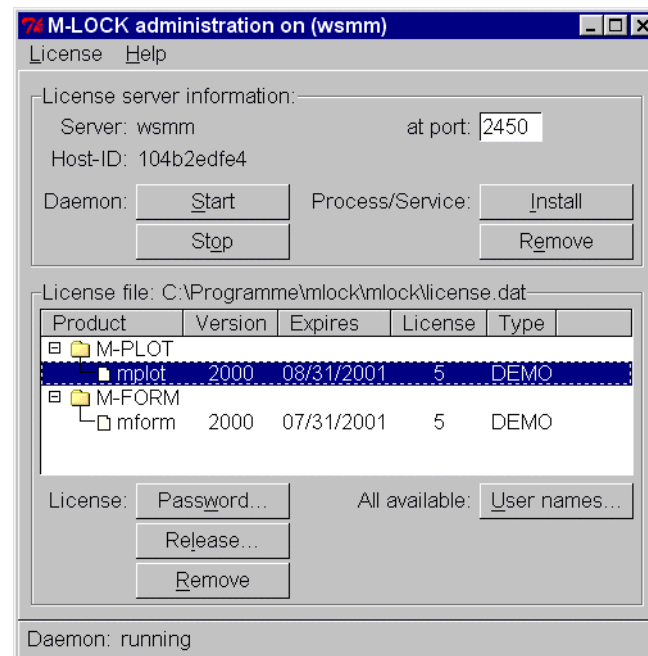


Illustration 1-2 M-LOCK main view from a server

Commands in the action bar

The instruction set was reduced to the minimum. For that you find only few menu commands in the action bar.

Menu "License"

This menu contains all commands which ones can be applied for all parts in M-LOCK:

Command	Description
"Save and Exit"	The settings of M-LOCK are saved first into the license file. If this is not present, it will be created. M-LOCK is exited after. This menu point can also be executed by the key combination <Ctrl><s> .
"Exit"	Terminates M-LOCK. Settings, which are already modified, are not stored. This menu point can also be executed by the key combination <Ctrl><x> .

Menu "Help"

Command	Description
"User Manual"	Opens this document with the external application "Adobe Acrobat Reader".
"Version..."	The current M-LOCK version is shown to you.

License Server Information

In this area all necessary information's are listed to you for ordering a password. Furthermore the demon can be started or terminated. Also installing of a permanent license demon is possible.

The license file is due to following place:

Platform	License file including path
Windows NT/2000	%MQUEST_INSTL%\mlock\license.dat
UNIX	\$MQUEST_INSTL/mlock/license.dat

The license file is a pure text format and can be processed with every text editor. If the file should go corruptly, this will be created by M-LOCK again. However, the customer and password information's must be entered then again. You find out more about the structure of the license file in the Appendix A.

Command	Description
<i>Server</i>	That is the name of your license machine. A legitimating of an M-QUEST product need this host name to resolve the TCP/IP address. If you change the machine name, please patch this name then also in the license file.
<i>at port</i>	You must inform M-LOCK on which port you want to communicate. As default the port 2450 is set. It can be that already another application uses this port. You can change the value at any time. A restart of the demon is then necessary.
<i>Host-ID</i>	This number is needed for ordering a license. With the aid of this number the uniqueness of the computer can be guaranteed. The license program checks this number against your network card and if the number is correct a releasing can occur. This number is also identical with the one you receive when you order an I-DEAS license.

Important:

If you change the computer, you need a new license. The electronic license order processing, mentioned M-LOP shortly, recalculates automatically the license costs entirely. A transfer of the Host-ID can occur only directly by M-QUEST. The old Host-ID cannot be set then anymore. It is blocked forever. Please consider it exactly, which computer you want to use as a license server. A lending station, or a test station is conceivably unsuitable.

License daemon on UNIX platforms

UNIX platforms permit that you can install the license daemon also as logged in user. The daemon will run as long as you don't restart the machine.

If you are logged in as "root" at the system, the license process can be installed also permanently. The process is installed for this purpose in the system startup procedure. Every new start starts also the license process.

Remark:

The license daemon can only be started when you have placed a product in the license file. If you are not so far yet, please read first the section "*Create license file*".

Install a permanent license daemon

M-LOCK can take over this task for you. M-LOCK determines the operating system and creates the necessary entries. These are different for almost every UNIX platform. Following a platform list with the files that M-LOCK installs or removes:

Operating system	Files
HP-UX	/sbin/init.d/mlock_daemon /sbin/rc1.d/K990m1daemon /sbin/rc2.d/S990m1daemon
IRIX	/etc/init.d/mlock_daemon /etc/rc2.d/S99m1daemon
Solaris	/etc/init.d/mlock_daemon /etc/rc2.d/S99m1daemon
AIX	/etc/rc.mlock_daemon /etc/inittab

Operating system	Files
Linux	/sbin/init.d/mlock_daemon /sbin/init.d/rc2.d/K20mldaemon /sbin/init.d/rc2.d/S20mldaemon /sbin/init.d/rc3.d/K20mldaemon /sbin/init.d/rc3.d/S20mldaemon

Press the button *"Install"* and M-LOCK will create all necessary scripts and starts the license daemon.

Start/Stop daemon and inquire license state

If you press the button *"Start"* or *"Stop"*, the license process is started or canceled. Were M-LOCK entries in the meanwhile modified, you are asked, whether you want to save the license file first. This step is necessary since the license daemon reads in the license file again.

You can start the license daemon also directly on the console. You use for that following syntax:

```
mldaemon ?-Option, -Option ...?
```

Option	Description
-start	Start the license process with the license file.
-stop	The current M-LOCK license process is terminated. If no process is actively nothing is undertaken.
-restart	Terminates and starts the license process. The license file will read in this case again.
-status	Write the current status of the license process onto the console and into the log file.

Remove daemon

You can do that in two ways: You terminate the license process with the `kill` command and remove the daemon scripts manually. Or you use M-LOCK for this purpose. Login yourself as a "root" at the system and start M-LOCK. You press then the button "Remove". The M-LOCK daemon is terminated and removed on the operating system.

Log file

As soon as the M-LOCK daemon was started the first time, a log file will be created in the subdirectory of `mlock\logs`. This records all actions. The name of the log file consists of `mlock.<host>.log`.

Error cause

Under the operating system UNIX in fact very few problems should appear. Since UNIX generally works with this technique, the error can occur only with the installation.

Error	Cause / elimination
<i>At a new start of the computer, the license process does not run anymore.</i>	<ol style="list-style-type: none">1) The daemon was not installed permanently. Login yourself as "root" and start M-LOCK. Press the button "Install" to create a permanent license daemon.2) The installation directory was changed or renamed in the meanwhile. The license process M-LOCK uses still the old environment values. Login yourself as "root" and start M-LOCK. You remove first the process with the button "Remove". Then you install the process again with the button "Install".

Error	Cause / elimination
<i>M-LOCK cannot be installed inter-actively. The button "Install" is not active.</i>	No password was entered yet. Order the licenses directly on the Internet page www.m-quest.ch/order or ask at your I-DEAS vendor.
<i>Although the M-LOCK daemon is running on the output still the demo text is visible.</i>	Release the desired users. Declare first all users coming into consideration under "User names... ". Then you label the product and press the button "Release... ". Move all users onto the left page that are supposed to use a license. The number corresponds to the number of license.
<i>Although the password is updated the license is still invalid or expired.</i>	M-LOCK reads the wrong license file. Please check, that on every client no M-LOCK is installed. Delete for this the complete mlock sub-directory on every client. Set the product variable MQUEST_MLOCK= in the file M-QUEST varbs to NULL. The communication variables MQUEST_SERVER and MQUEST_PORT must show on the valid M-LOCK license server.
<i>The features of M-LOCK do not appear. Only the name of the license machine or the port number can be specified.</i>	The variables MQUEST_SERVER and MQUEST_PORT points to another license machine. You cannot execute any modification from this workstation. Login yourself at the license server and start M-LOCK there.
<i>The permanent M-LOCK daemon cannot be removed.</i>	The daemon scripts must be installed as "root". Therefore also for the removing the scripts administrator right is required. Login yourself as "root" at the system and start M-LOCK. Now you have sufficiently rights and can remove the daemon in a permanent way.

License daemon on Windows NT/2000

M-LOCK installs a service under Windows NT/2000. That allows it to activating or to terminate the service also about the system control unit of Windows. M-LOCK uses for this purpose the Windows system command **net**.

If M-LOCK is not installed on the same disk partition as Windows NT/2000, the service cannot be started. That comes because during the system start the network drives are not visible.

Remark:

The license daemon can only be started when you have placed a product in the license file. If you are not so far yet, please read first the section "*Create license file*".

Install a permanent license daemon

M-LOCK must be urgently installed as a service. No temporary license service can be installed. M-LOCK can take over this task for you. You press the button "*Install*" and the license daemon is installed as a service and started with **net start mlock**.

Start/Stop daemon

If you press the button "*Start*" or "*Stop*", the license process is started or canceled. Were M-LOCK entries in the meanwhile modified, you are asked, whether you want to save the license file first. This step is necessary since the license daemon reads in the license file again.

Remove daemon

The process is removed only with M-LOCK. Login yourself as an "Administrator" at the system and start M-LOCK. Press then the button "*Remove*". M-LOCK daemon is terminated and removed on the operating system.

Log file

As soon as the M-LOCK daemon was started the first time, a log file will be created in the subdirectory of `mlock\logs`. This records all actions. The name of the log file consists of `mlock.<host>.log`.

Error cause

Windows NT/2000 starts the M-LOCK license process as a service. This cannot be done so simply "by hand". The service itself must be on the start-up partition of Windows and must be an executable file (exe). M-QUEST uses the `mlock.exe` program for that. This starts then the interpreter Tcl/Tk and reads the license file.

In the previous release M-QUEST 2000 the Registry can play the user a prank. If the Registry was set for the client by mistake, the license could not be determined anymore at a new start of the computer. This subject was imposed and the execution procedure completely changed. M-LOCK as a service is now completely independent.

Error	Cause / Elimination
<i>At a new start of the computer, the license process does not run anymore. The M-LOCK service cannot be started manually. An error message appears always.</i>	<p>M-LOCK does not find the license file.</p> <p>1) M-LOCK 2000 is still installed. In this case M-LOCK searches for the license file about the Registry. This shows presumably the wrong place. Change into the installation directory of M-LOCK and execute the file <code>mquest.reg</code> by a double click. Now the service should be able to be started manually. Is that is still not the case, start M-ADMIN in the installation directory of M-LOCK and create the M-QUEST environment again. Now all variables are synchronized with the M-LOCK environment again and the service can be started.</p>

Error	Cause / Elimination
	<p>2) If M-LOCK 2001 is installed, the license file is expected in the <code>mlock</code> subdirectory. Check whether this is available there. If the installation path was patched subsequently, then the license file cannot be located too. That is now a very unhappy constellation. The service cannot be removed now anymore. With a trick we can bypass this. Please proceed for this purpose like under "<i>The permanent M-LOCK daemon cannot be removed</i>" is described.</p>
<p><i>M-LOCK cannot be installed interactively. The button "Install" is not active.</i></p>	<p>No password was entered yet. Order the licenses directly on the Internet page www.m-quest.ch/order or ask at your I-DEAS vendor.</p>
<p><i>Although the M-LOCK daemon is running on the output still the demo text is visible.</i></p>	<p>Release the desired users. Declare first all users coming into consideration under "<i>User names...</i>". Then you label the product and press the button "<i>Release...</i>". Move all users onto the left page that are supposed to use a license. The number corresponds to the number of license.</p>
<p><i>Although the password is updated the license is still invalid or expired.</i></p>	<p>M-LOCK reads the wrong license file. Please check, that on every client no M-LOCK is installed. Delete for this the complete <code>mlock</code> subdirectory on every client. Set the product variable <code>MQUEST_MLOCK=</code> in the file M-QUEST varbs to NULL. The communication variables <code>MQUEST_SERVER</code> and <code>MQUEST_PORT</code> must show on the valid M-LOCK license server.</p>
<p><i>The features of M-LOCK do not appear. Only the name of the license machine or the port number can be specified.</i></p>	<p>The variables <code>MQUEST_SERVER</code> and <code>MQUEST_PORT</code> points to another license machine. You cannot execute any modification from this workstation. Login yourself at the license server and start M-LOCK there.</p>

Error	Cause / Elimination
<i>The permanent M-LOCK daemon cannot be removed.</i>	<p>The license file cannot be located, or the M-QUEST environment was patched.</p> <ol style="list-style-type: none"><li data-bbox="861 390 1439 598">1. If M-LOCK 2000 is still in use and the M-QUEST environment was not changed, the Registry can be reset. Change into the installation directory of M-LOCK and start the file mquest.reg by a double click. Now the license file is visible again for M-LOCK.<li data-bbox="861 624 1439 824">2. Start M-LOCK and remove the process. Ignore the error message. Restart the computer now. During the start the service is removed correctly. If the system is ready again, start M-ADMIN and create the M-QUEST environment again. All scripts and variables are valid. <p>The service M-LOCK can be installed now again. Change to M-LOCK and install the service again.</p>

Create license file

All further inputs are stored directly into the license file. If a license file available, this is read and the passwords are decoded. You see at a glance which licenses and releases you have currently active.

If you do not have any license file yet, only the buttons "*Password...*" and "*User names...*" are then active to you. All other buttons are enabled when you have entered a license.

Following information are listed if at least a valid password was entered:

Instruction	Description
<i>Product</i>	Indicate the licensed product to you. Since several licenses with different releases can be inserted, every product is listed for itself. If the main title of the product is labeled, no licenses can be entered. A double click onto the main title closes and turns on the product. The same one can be achieved also with the indicator.
<i>Release</i>	This array indicates the version number of the license. It is possible, that from the same product, several licenses with different releases are list. It is not necessary that M-LOCK will install repeatedly.
<i>Execution</i>	Indicate the execution datum. The notation is similar to the American format. The first value is the month, followed by the day and at the closing the year. A license, which does not expire, is labeled with the text "never".
<i>License</i>	The number of licenses or named users which ones have access to the selected product.
<i>Type</i>	"SERVER" indicates that the host-ID of the license server is scanned. "DEMO" ignores the host-ID. The license can be installed on every computer.

Enter new password

With the aid of the electronic License Order Processing, shortly M-LOP, you can order your licenses on Internet. You receive an own register card with all licenses commanded by you. The invoice is generated also automatically and stored as a HTML file. On this invoice you find a 30 days password. When your payment has received you will get your definitive password by e-mail.

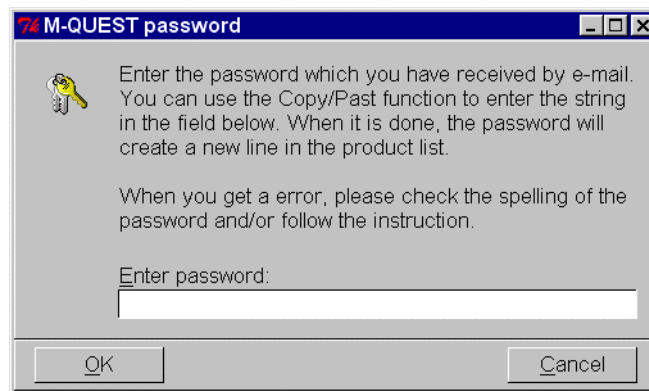


Illustration 1-3 Enter password

In order to enter a password or to update an existing password please go as follows:

- ✓ You press the button "*Password...*" and the window for the input of the password pops up.
- ✓ Open the e-mail with the password or the HTML invoice. Label the password string and press the key combination **<Ctrl><c>**. The string is stored into the clipboard buffer.
- ✓ You select the password window and click into the input field "*Enter password*". Press now the key combination **<Ctrl><v>**. The password is past into the entry field.

You may transmit the password also by hand. On a UNIX platform the function *Copy/Paste* with the middle mouse button can be executed

- ✓ Press then the button "*OK*". The password is analyzed and compared with the host-ID. If the password is valid, the content is transmitted into the list window by M-LOCK.

Important:

If the password cannot be decoded, an error message will occur. Check the spelling of the character string. If this is correct, please make sure that the host-ID is the same as you ordered. The host-ID of the password can be checked on your register card in M-LOP or on your invoice.

Updating of an existing password

Have you already entered the temporary password and assigned the users, this can be renewed in a very simple way with the final password. You proceed for this purpose just the same as if you enter a new password. M-LOCK recognizes automatically that the product is licensed. Only the internal values are updated in this case.

Manage users in M-LOCK

M-LOCK license are always bounded at the terminal users. Since M-LOCK can manage several products and license releases, it is not reasonable, that you have to enter users each time again. For this purpose, a central user list is used. All users contained in this list can be assigned to a product.

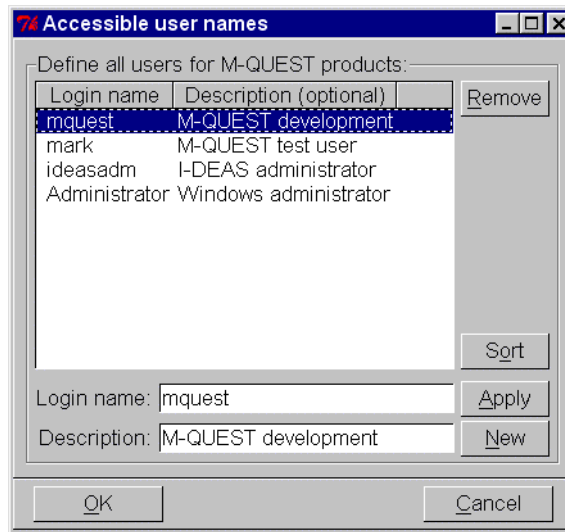


Illustration 1-4 Available users in M-LOCK

Add a new user to the list

- ✓ Press the button *"User names..."* and the window for the input of the users turns itself on.
- ✓ Enter in the field *"Login name"* the login name of the user. You can add comments in the field *"Description"*.
- ✓ Press the button *"New"* in order to transmit the entry into the list.

Modify existing user name in list

- ✓ Press the button "*User names...*" and the window for the input of the users turns itself on.
- ✓ Select the requested user in the list and the values will transmit into the input fields.
- ✓ Modify the texts.
- ✓ Press the button "*Apply*", and the content is updated in the list.

Caution:

A changing of the information excluded the user for accessing the licensed product. Check then every license so that the user receives access on the corresponding product again.

Remove existing user from list

- ✓ Press the button "*User names...*" and the window for the input of the users turns itself on.
- ✓ Select the user, which you like to remove, and press the button "*Remove*".
- ✓ The list is updated. The user is also removed from all licenses.

Assign users to a product

So that a user has access on a product, this must be recognized in M-LOCK. For this purpose the corresponding product is selected and the requested users are released. That has the advantage that you do not have to order the full license volume with a new product version. You can test this first with a reduced number of licenses.

The number of user is listed in the window. If you declare more users than licenses are available, only the first *n*-users are recorded. Push the button "Release..." and different window opens:

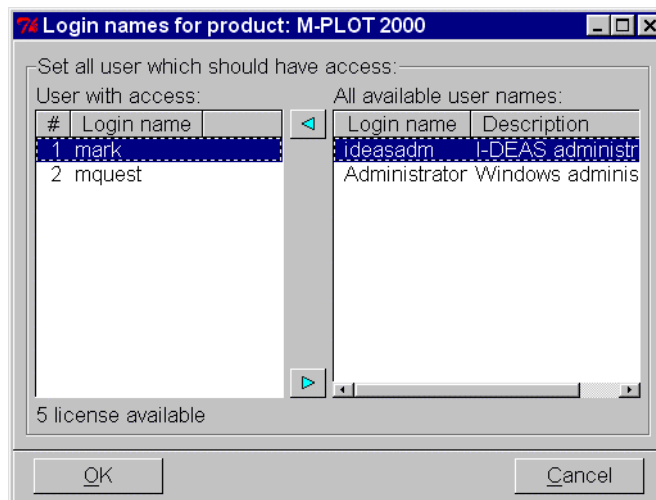




Illustration 1-5 Assign users to a product

Assign users

- ✓ Select the product line in M-LOCK that you would like to patch.
- ✓ Press the button "*Release...*" and the window for the assigning of the users turns itself on.
- ✓ Select the user in the list "*All available usernames:* "
- ✓ Press the button  to move the user to the left side.

If the user cannot be moved, then all licenses are used already. Remove first an existing user with the button .

- ✓ Repeat the steps until you assigned the desired users.

The same procedure can be applied in order to remove one or several users from the access list. If you have assigned less users than licenses you have this is not a problem for M-LOCK.

Important:

The settings become first effective when the license file is saved and the license process is started again.

Remove License

If you have a license, which you don't need no longer, you can remove these from the license list at any time from M-LOCK. You select the corresponding product line and you press the button "*Remove*". The selected license is deleted.

If you deleted the wrong line by mistake, then you can load the license file again when you restart M-LOCK without storing the license file. When you have noted the password, the license can be applied at any time with the existing password. The users must be assigned, however, again.

2. Ordering license

This chapter describes the ordering of a license for a M-QUEST product with the M-QUEST electronic **L**icense **O**rdering **P**rocessing, shortly M-LOP. M-LOP is a pure Internet solution and can be reached from everywhere and at every time. The password and the invoice are generated automatically. The payment occurs always about bank payment. Credit cards are not accepted.

Until the payment occurred, you receive a 30-day password. If the payment has received the definitive password is generated automatically and is sent to you via e-mail.

Important:

Until the payment occurred, no further licenses can be ordered onto the same host-ID. If the payment received, further licenses can be commanded. Consider therefore how many licenses you need before you order. The license system M-LOCK manages the licenses on the license server. Every user who would like to use a module, which requires a license, needs a license. This license kind is also called **named license**. Floating license, redundant license servers and multi-sites are not supported.

Hint:

Plan the installation carefully. If an Intranet is available, the M-LOCK license demon can also installed central. You automatically gain by better conditions. An enterprise license makes the access of unlimited number of user possible.

M-LOP is attainable under the Internet address www.m-quest.ch/order/index.html.

Create your own offer

In order to get an idea, which costs you must calculate on, you can create your own offer. For this purpose you simply select the desired product. At this time following products licenses are offered:

- M-PLOT: TIFF, JPEG, PNG, PDF, EPS, ESC/P2, HP-PCL and HP-RTL.
- M-FORM: Necessarily for storing the entry field information's.

As an example we want to determine the costs for three new M-PLOT licenses. We own, already five M-PLOT licenses. Select the link "[Pricing M-PLOT](#)". The page changes and a price calculation table appears:

M-QUEST order - Microsoft Internet Explorer

Adresse: <http://www.m-quest.ch/order/index.html>

QUEST SOFTWARE AG

HOME PAGE

- Context
- Pricing M-Plot
- Pricing M-Form
- Order license or check current license state

Your price for 3 new licences will be Euro 637.50, US\$ 663.00 or CHF 1,020.00.
You will then have a total amount of 11 M-Plot 2000 licences.

# of Licences	Discount	Euro	US-Dollar	CHF
1	0%	250.00	260.00	400.00
5	10%	1,125.00	1,170.00	1,800.00
10	15%	2,125.00	2,210.00	3,400.00
25	20%	5,000.00	5,200.00	8,000.00
50	30%	8,750.00	9,100.00	14,000.00
75	40%	11,250.00	11,700.00	18,000.00
100	50%	12,500.00	13,000.00	20,000.00
Enterprise		21,000.00	22,400.00	33,600.00

Calculate my price:

Number of new licences:

Number of already installed licences:

Illustration 2-1 Product calculation sheet

Enter the values into the input fields and press the button "*calculate*". M-LOP computes now automatically the discount and shows the costs of the three additional licenses to you.

Registration in M-LOP

If you have already downloaded M-QUEST 2001 from the Internet, you are registered in the database of M-LOP. You can skip over this step. If we do not know you yet we need a few information so that we can exchange information in future with each other.

All information remains confidential. We do not give off any information to third parties. You receive only correspondence from us if the M-QUEST products were changed. That helps you to remain always on the newest state. If you don't like this information's, you have always the possibility to delete itself from this list.

Remark:

A registration can occur only via Internet. We cannot offer hard-copy correspondence to you.

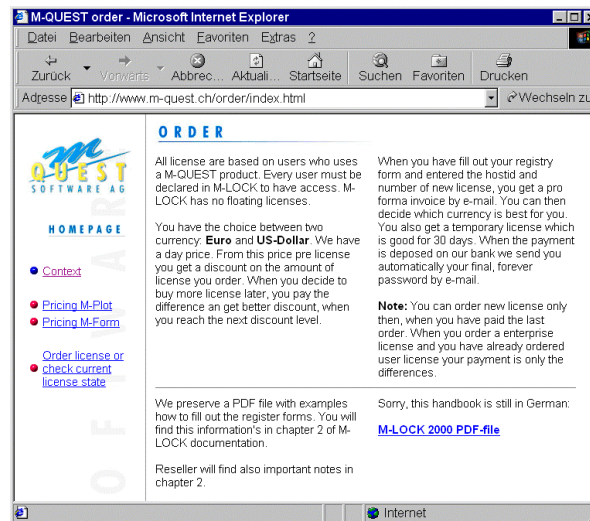


Illustration 2-2 Start-up page of M-LOP

Login in M-LOP

Click on the link "[Order License or check current license state](#)". The mask changes and M-LOP asks you for the e-mail address and your password.

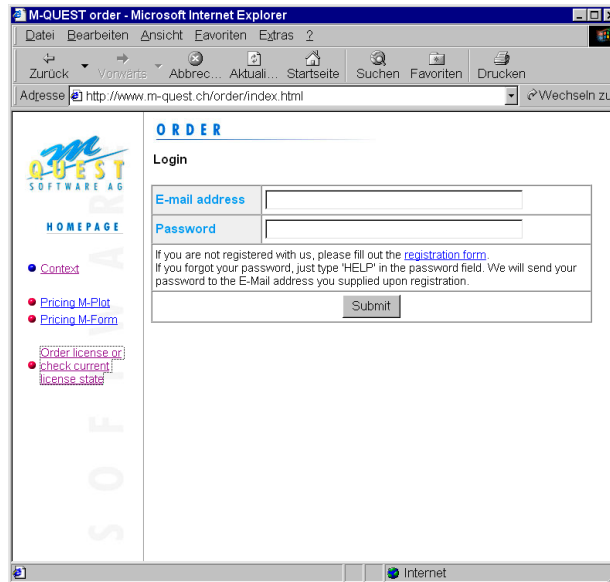


Illustration 2-3 Login in M-LOP

If you are not known in M-LOP yet, you must fill out the register form first. Otherwise you enter the necessary values and press then the button "*Submit*". If the inputs are correct, M-LOP lists all in the past licensed products to you.

Password forgotten:

Enter your e-mail address and **HELP** as password. You receive immediately a e-mail from us with your current password.

Password is not accepted:

In this case please let assign us a short information. We will browse the database and inform you how people keep on being to deal. Send us your information at order@m-quest.ch.

Registration

Click on the reference "*registration form*" on the login page. The page changes and the input field are listed. All arrays must be filled in.

Please:

Do not fill any garbage. The information appears also in an all invoice. The personnel data's can be changed at every time later.

The screenshot shows a web browser window titled "M-QUEST order - Microsoft Internet Explorer". The address bar contains "http://www.m-quest.ch/order/index.html". The page content includes the M-QUEST logo and a navigation menu with links like "Context", "Pricing M-Plot", "Pricing M-Form", "Order license or check current license state". The main form is titled "ORDER" and "Registration". It has a sub-section "Personal Info" with a note "all fields required". The form fields are as follows:

Personal Info	
E-mail address	peter.muster@m-quest.ch
Password	**** (confirm)
First name	Peter
Last name	Muster
Company	M-QUEST Software AG
Address	Burghaldenstrasse 40
City	Lenzburg
Zip Code	5600
Country	Switzerland

Illustration 2-4 Registration - Personal information

Hint:

Do not employ any intern, confidential password. People in the Internet can always spy. Choose one, which you can also pass to other employees. Then several users have the possibility, to read or to create licenses.

Country:

Choose the correct country were you pay the taxes. Swiss customers **must** absolutely select "*Switzerland*", otherwise the VAT is not computed.

After you fill out the personal data's, we are interested which products you also want to use our own products for.

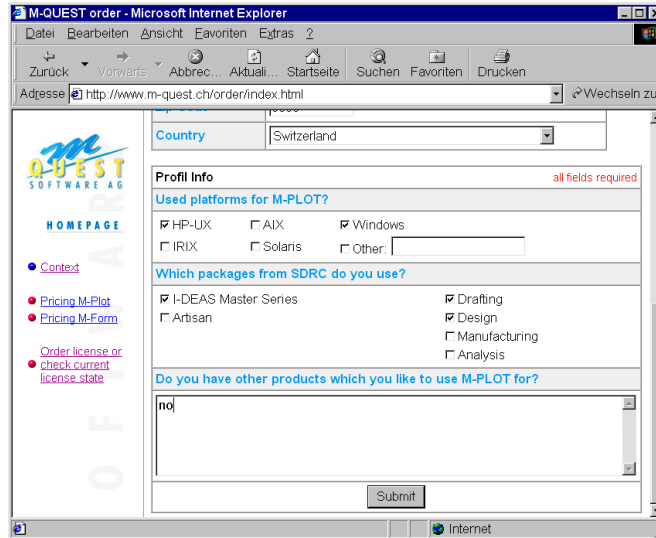


Illustration 2-5 Registration - Profile information

This information helps us to optimize the M-QUEST products even better. You can help us when the information's are the truth.

If all arrays are filled, press the button "Submit". If still an error should have slipped in, M-LOP will inform you of this and call you for the correction. If all values are complete and correct, M-LOP changes onto your personal license page.

Ordering licenses

So that you can order a license you should know the host-ID or the MAC address of your license server. This ID is generated from the network card. M-LOCK shows you the ID in the M-LOCK main window. As a rule, the host-ID is the same one as for I-DEAS.

Remark:

On a UNIX platform those ones are 8 and onto Windows 12 hexadecimal characters (0...9 and a...f). Leading zeros does not have to be entered. M-LOP expands the character string onto the necessary length. Upper and lower case are not considered.

When you are logged in yourself in M-LOP, your personal license area appears. Only you can look at this area.

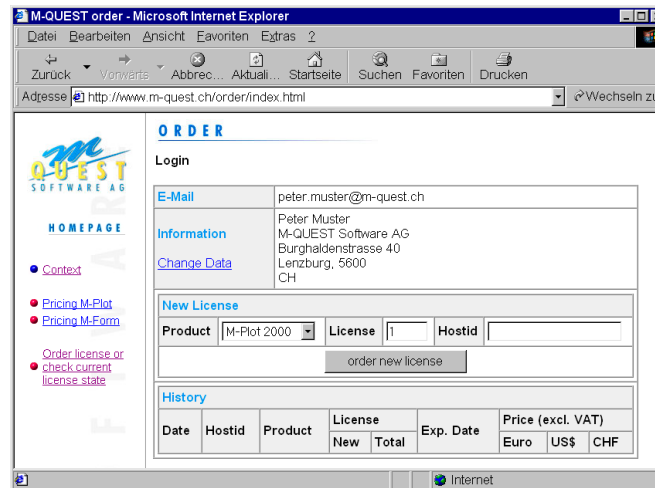


Illustration 2-6 Personal license area

If your personal data's has changed meantime, you can change this with the link "Change Data" at any time. Also the e-mail address and your personal password can be changed.

Order new product license

The procedure is simple. Select the desired product and input the number of requested licenses. Then you enter the host-ID of the license server in the entry "Hostid". This computer will then be the M-LOCK license server.

ORDER

Login

E-Mail: peter.muster@m-quest.ch

Information
 Peter Muster
 M-QUEST Software AG
 Burghaldenstrasse 40
 Lenzburg, 5600
 CH

[Change Data](#)

New License

Product: M-Plot 2000 License: 1 Hostid: 104b2edfe4

History

Date	Hostid	Product	License		Exp. Date	Price (excl. VAT)		
			New	Total		Euro	US\$	CHF
11/10/2000	104b2edfe4	M-Plot 2000	5	5	10-Dec-2000	1125.00	1170.00	1800.00
Code 50b59088e8256b39e191385315902577dfc508						view invoice		

Illustration 2-7 Order new product licenses

Important:

Please guarantee that the host-ID is written correctly. This cannot be unchanged anymore.

If the inputs are correct press the button "*order new license*". M-LOP computes now the price. The VAT is only for customers in Switzerland computed.

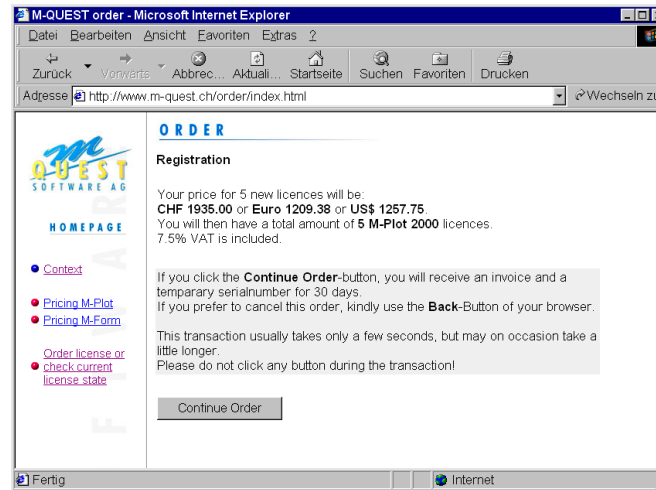


Illustration 2-8 Inspection of the license costs

You have now still the possibility, to cancel the order request. Press for this purpose only the button "**<-Back**" in your web browser. All other buttons can cause an unintentional order (is no aim).

If you agree, press the button "*Continue Order*".

Via Internet the password and the invoice are generated now. After a short time the invoice is displayed in the browser. Simultaneously you receive a e-mail with the information, that you ordered a license and you should print out this invoice.

M-QUEST order - Microsoft Internet Explorer

Adresse: <http://www.m-quest.ch/order/index.html>

M-QUEST SOFTWARE AG

HOME PAGE

- [Context](#)
- [Pricing M-Plot](#)
- [Pricing M-Form](#)
- [Order license or check current license state](#)

M-QUEST

Datum: 10-Nov-2000
date of order: 10-Nov-2000

M-QUEST Software AG
Burghaldenstrasse 40
5600 Lenzburg 2
Switzerland

Firma: M-QUEST Software AG
company:
Kontakt: Peter Muster
contact:
Strasse: Burghaldenstrasse 40
street:
Ort/Plz: Lenzburg 5600
city/stp:
Land: CH
country:

MWST / VAT: 440 292

phone: +41 (0)62 888 3000
fax: +41 (0)62 888 3033
order@m-quest.ch

Rechnungsnummer: **143**
invoice number:

Kundennummer: 454
customer id: peter.muster@m-quest.ch

Anzahl Lizenzen:
number of license:

Produkt product	Host ID mac address	bestehend: current	neu: new	Einzelpreis: single price	Rabatt: discount	Total: total:
M-Plot 2000	104b2edfe4	0	5	CHF 400.00 Euro 250.00 US \$ 260.00	10%	CHF 1800.00 Euro 1125.00 US \$ 1170.00

Belegbetrag: order total:	7.5% MWST: 7.5% VAT:	Totalbetrag inkl. MWST, CHF: total amount incl. VAT, CHF:
CHF 1800.00	CHF 135.00	CHF 1935.00
Euro 1125.00	Euro 84.38	Euro 1209.38
US \$ 1170.00	US \$ 87.75	US \$ 1257.75

Illustration 2-9 HTML invoice - part 1

From technical grounds, we cannot supply the HTML invoice to you as an attachment. You must print out the invoice on the M-LOP page. You can arrange the layout in your web browser so you print only the desired information. You can tune the size by increasing or decreasing the font size in your web browser.

In the lower part of the invoice you find our bank information for the transfer of the invoice amount. The temporary password and the date of expire is also integrated in the invoice.

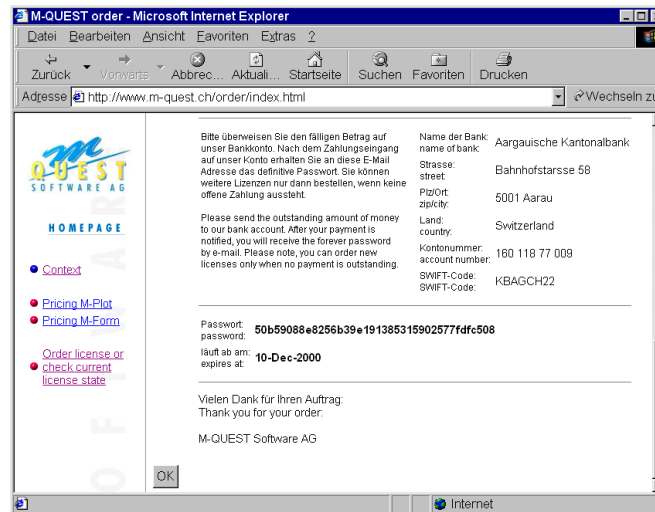


Illustration 2-10 HTML invoice - part 2

Remark:

Please think that you print out the invoice. You have now 30 days time, to transfer the outstanding amount onto our account. If the payment arrives in this time period, you have the definitive license within this period and no productive interruption.

European countries:

The EU does statistical evaluations and wants therefore also certain information on the invoice. M-LOP can be raked to this demand. You get more information's for this purpose in the next section.

In order to change to your personal page again, press the button "OK".

M-LOP updates now your area and lists all relevant information.

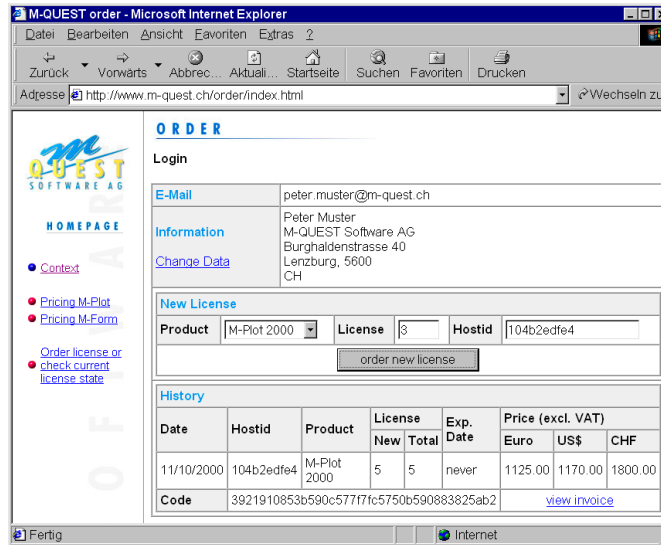


Illustration 2-11 Updated license area after invoice generation

The number of entries depends from how many licenses you have already ordered. The most current order is always on the top.

History (what you have ordered in the past):

Option	Description
<i>Date</i>	Order date of the licenses.
<i>Hostid</i>	Host-ID or MAC-address onto which the password was generated.
<i>Product</i>	Legitimized M-QUEST product. The product version 2000 is for the M-QUEST releases 2000 and 2001. Existing licenses are also valid for M-QUEST 2001.
<i>License</i>	Existing and new ordered licenses.
<i>Exp. Date</i>	Expire date of the license.
<i>Price</i>	Costs in the different currencies. Swiss customers must pay in CHF (SFr), otherwise the invoice is not accepted. All other nations have the choice.
<i>Code</i>	The password for M-LOCK. This can be transmitted with <i>Copy/Past</i> on a UNIX platform, or with <Ctrl-c>/<Ctrl-v> under Windows NT/2000 according to M-LOCK.
<i>view invoice</i>	Refer to the generated invoice. This can be considered at every time and printed out again.

European countries

A European country needs additional information on the invoice. M-LOP meets also this request. For this purpose call in your personal data sheet the link "*Change Data*" again.

The screenshot shows a web browser window titled "M-QUEST order - Microsoft Internet Explorer". The address bar shows "http://www.m-quest.ch/order/index.html". The page content includes a logo for "M-QUEST SOFTWARE AG" and a navigation menu with links like "Context", "Pricing M-Plot", "Pricing M-Form", and "Order license or check current license state". The main form is titled "Personal Info" and contains the following fields:

E-mail address	<input type="text" value="peter.muster@m-quest.ch"/>
Password	<input type="password" value="****"/> (confirm Password)
First name	<input type="text" value="Peter"/>
Last name	<input type="text" value="Muster"/>
Company	<input type="text" value="M-QUEST Software AG"/>
Address	<input type="text" value="Burghaldenstrasse 40"/>
City	<input type="text" value="Lenzburg"/>
Zip Code	<input type="text" value="6600"/>
Country	<input type="text" value="Switzerland"/>
Ust ID.	<input type="text" value="XXXXXXXXXXXXXXXXXXXX"/> (this line will be added below your address on the invoice)

A "Submit" button is located at the bottom of the form.

Illustration 2-12 Insert an additional European Community entry field

Insert the title and the value in the form. This line appears then in every invoice. If you change values the existing invoices are updated too. M-LOP is not thought in order to file your invoice.

If you now display an already generated invoice with the reference "[view invoice](#)" again, you see the added line in your invoice below your address.

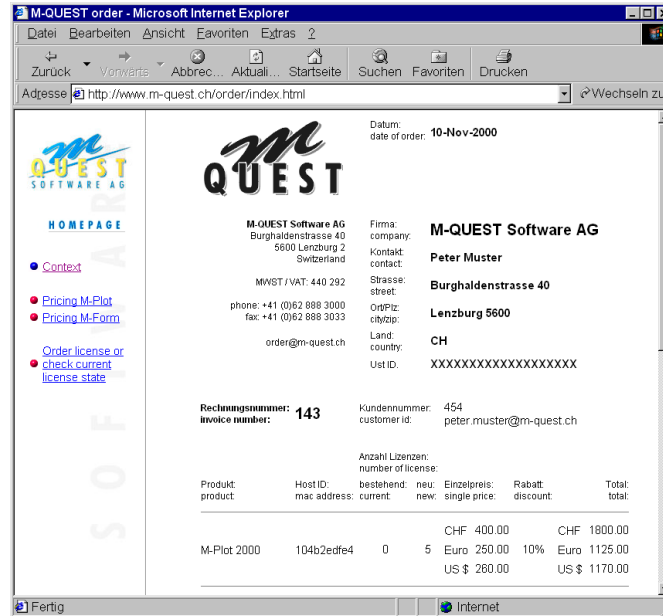


Illustration 2-13 European entry field in the invoice

Final license

This is sent automatically to you if the payment is on our bank by e-mail. Your personal license area is also updated.

M-QUEST order - Microsoft Internet Explorer

Adresse: <http://www.m-quest.ch/order/index.html>

ORDER

Login

E-Mail: peter.muster@m-quest.ch

Information

Peter Muster
M-QUEST Software AG
Burghaldenstrasse 40
Lenzburg, 5600
CH

[Change Data](#)

New License

Product: M-Plot 2000 License: 1 Hostid: 104b2edfe4

History

Date	Hostid	Product	License		Exp. Date	Price (excl. VAT)		
			New	Total		Euro	US\$	CHF
11/10/2000	104b2edfe4	M-Plot 2000	5	5	never	1125.00	1170.00	1800.00
Code 3921910853b590c5777fc5750b590883825ab2						view invoice		

Illustration 2-14 Final product license

Hint:

Technician or the administrator needs the password, the invoice however the accounting. When you define for this purpose an e-mail address and a password that you can share with the responsible persons the administrator can check the password at any time and the accounting person the invoice.

Additional licenses

You can request new licenses, if you enter a new host-ID or paid the open invoice of the respective host-ID. Unfortunately we had to assemble this mechanism to protect our copyright.

Expand existing license

If you have noted that you have too few licenses, you can expand the license area. The procedure of further licenses is identical as if you created a license for a new product.

If you select the product, you enter the new number of additional licenses and the corresponding host-ID. M-LOP notices automatically, that you have already existing licenses under the indicated host-ID and computes the discount of the already existing licenses.

The screenshot shows the 'M-QUEST order' page in Microsoft Internet Explorer. The browser address bar shows 'http://www.m-quest.ch/order/index.html'. The page content includes a navigation menu on the left with links like 'Context', 'Pricing M-Plot', 'Pricing M-Form', and 'Order license or check current license state'. The main content area is titled 'ORDER' and contains a 'Login' section, an 'E-Mail' field with 'peter.muster@m-quest.ch', and an 'Information' section with contact details for Peter Muster at M-QUEST Software AG. Below this is the 'New License' form, which has a 'Product' dropdown set to 'M-Plot 2000', a 'License' input field with '3', and a 'Hostid' input field with '104b2edfe4'. A button labeled 'order new license' is positioned below the form. At the bottom, there is a 'History' table with the following data:

Date	Hostid	Product	License		Exp. Date	Price (excl. VAT)		
			New	Total		Euro	US\$	CHF
11/10/2000	104b2edfe4	M-Plot 2000	5	5	never	1125.00	1170.00	1800.00

Below the table, there is a 'Code' field with the value '3921910853b590c571717fc5750b590883825ab2' and a 'view invoice' link.

Illustration 2-15 Request additional licenses

The invoice is created and all available licenses are performed so that the calculation can be reconstructed unambiguously.

Produkt:	Host ID:	bestehend:	neu:	Einzelpreis:	Rabatt:	Total:
product:	mac address:	current:	new:	single price:	discount:	total:
M-Plot 2000	104b2edfe4	5	3	CHF 400.00	10%	CHF 1080.00
				Euro 250.00		Euro 675.00
				US \$ 260.00		US \$ 702.00

Belegbetrag:	7.5% MWST:	Totalbetrag inkl. MWST, CHF:
order total:	7.5% VAT:	total amount incl. VAT, CHF:
CHF 1080.00	CHF 81.00	CHF 1161.00
Euro 675.00	Euro 50.62	Euro 725.62
US \$ 702.00	US \$ 52.65	US \$ 754.65

Illustration 2-16 Invoice with additional licenses

You also receive here a temporary license again. If you enter the new password in M-LOCK, the number of licenses is updated automatically. The old, final password can be used at every time again. The number of licenses is reset again.

Remark:

It is not possible in M-LOCK from a technical ground that you can have for the same product, with identical host-ID, different passwords.

Press the button "OK" to reach your license page.

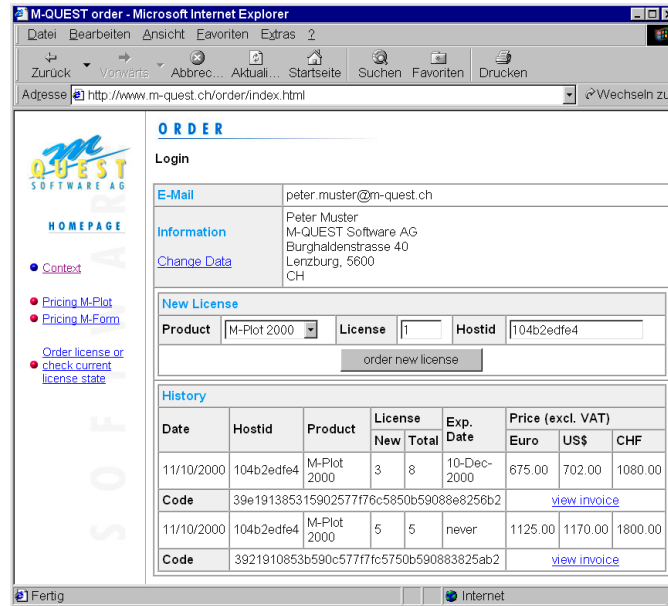


Illustration 2-17 Updated license area with extended license

You see the hierarchy of your licenses. Existing licenses cannot be deleted through a user. A license transfer from a registered host-ID onto a new host-ID can occur also only through M-QUEST.

Remark:

If you must replace a network card (defect, replacement), you must send us by e-mail a note that you will not use this card anymore. We will transfer then the licenses on the new host-ID.

If you nevertheless use this card, you make yourself punishable.

New license

When you should use a new license server, then this server has other host-ID. The licensing occurs the same way like you acquire the first time a license. The license counter is reset for this host-ID again.

A cumulating of existing licenses cannot be exported.

Hint:

Install a central license server. This must have only a TCP/IP connection with the clients. M-LOCK needs no "resource locking". The testing of the license requires only a fraction of a second and is also done only if a licensed product is executed.

ORDER

Login

E-Mail: peter.muster@m-quest.ch

Information: Peter Muster, M-QUEST Software AG, Burghaldenstrasse 40, Lenzburg, 5600, CH

[Change Data](#)

New License

Product: M-Plot 2000, License: 1, Hostid: 104b2edfe4

History

Date	Hostid	Product	License		Exp. Date	Price (excl. VAT)		
			New	Total		Euro	US\$	CHF
11/10/2000	77ef820b	M-Plot 2000	2	2	10-Dec-2000	500.00	520.00	800.00
Code 3fe19f3850159c257bf1935755b51085e8256b2						view invoice		
11/10/2000	104b2edfe4	M-Plot 2000	3	8	10-Dec-2000	675.00	702.00	1080.00
Code 39e191385315902577f76c5850b59088e8256b2						view invoice		
11/10/2000	104b2edfe4	M-Plot 2000	5	5	never	1125.00	1170.00	1800.00
Code 3921910853b590c5777fc5750b590883825ab2						view invoice		

Illustration 2-18 Updated license area with new license

Authorized SDRC reseller

If you are users of the M-QUEST products, this section is not important for you. Only legitimized customers have access on these pages.

If you are a vendor of the software I-DEAS from SDRC, you can resell also the M-QUEST products. You receive a specific discount onto the sale price. We expect in this case you do the hotline and the installation for the customer. You can contact our support in order to solve problems. If the know-how of your technicians should not suffice in order to implement M-PLOT successfully at the customer, the reseller status is taken away from you. Education of the software M-PLOT is not offered by M-QUEST (simply too simple).

If you want to sell the M-QUEST product M-FORM, the implementation must occur through SDRC-ETIMES (Frankfurt). According to consultation with ETIMES also an education can be offered for the implementation from M-FORM.

Registration at M-QUEST

For this purpose you login at M-LOP like a regular user. The e-mail address should be chosen so that the technicians have access too. Fill the personal arrays so that this information is the correct invoice address.

ORDER

Registration

Personal Info

E-mail address	finance@m-quest.ch
Password	xxxx (confirm Password)
First name	Jack
Last name	Dollar
Company	M-QUEST Software AG
Address	Burghaldenstrasse 40
City	Lenzburg
Zip Code	5600
Country	Switzerland
Ust ID.	XXXXXXXXXXXXXXXXXXXX (this line will be added below your address on the invoice)

Submit

Illustration 2-19 Address for reseller

Inform us of the e-mail address which is supposed to be regarded as a reseller. Send these please at order@m-quest.ch. We will check the reseller state with SDRC, whether you can sell the I-DEAS products.

If that is the case, we inform you immediately. This e-mail account is then set in a way that you come into the reseller mode. All invoices are sent to you. Only you can inquire also the password for a M-QUEST product. You charge in turn for the final amount to your customer.

On our home page you find the official sale prices. These are regarded as typical values. Discounts may be conceded to the customer and your company. Between M-QUEST and you no additional discount is available. There is still not any sales specification at this time.

If you receive the reseller state from M-QUEST, the appearance of your personal license area changes.

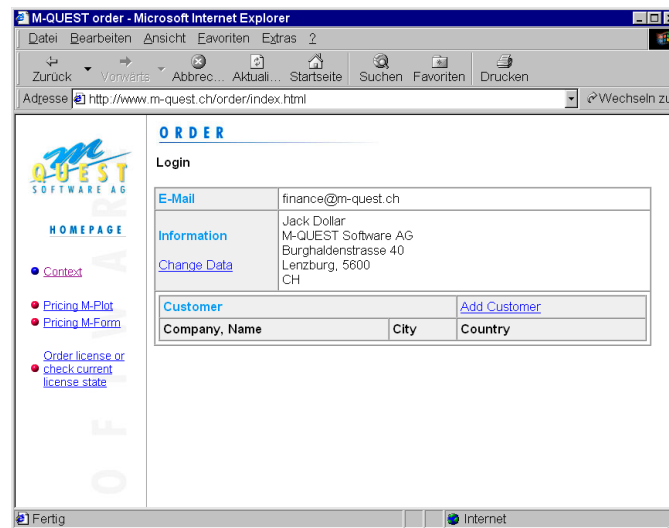


Illustration 2-20 License area for reseller

You see that an intermediate stage is inserted. First you must define a customer in order to generate the licenses. In this window all customers maintained by you are listed.

Register a new customer

Choose the link "[Add Customer](#)" and fill out the fields. The procedure is identical, like the customer would order the license directly from us.

If the customer is supposed to be informed about new products by M-QUEST, the e-mail address of the customer must be indicated. If that is supposed not to be the case, you can indicate an invalid e-mail address. You employ the company as the user name and your company name as e-mail address. The password can be chosen also ostensibly, but must be at least four-digit in the minimum.

If you terminate the window with "[Submit](#)" you come automatically onto the customer sheet.

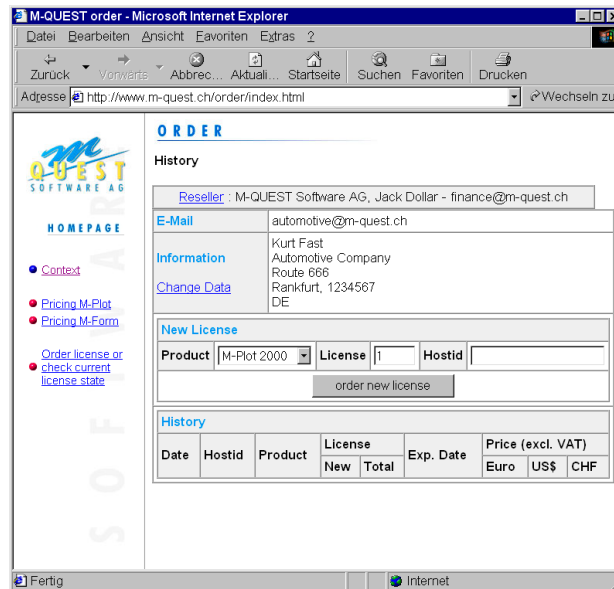


Illustration 2-21 License area of the customer

The procedure for the ordering is identical as with a direct license. The customer data can change you at any time with the reference "[Change Data](#)". You can switch to the next higher stage by selecting the link "[Reseller](#)".

Order a customer license

You choose the product enter the number of requested licenses and the host-ID of the license machine at the customer site. Press the button "*order new license*" and confirm the pricing. The invoice and the password are generated. Unlike a direct licensing at M-QUEST, your address appears in the invoice. As information the customer whom the invoice is valid for is performed in the invoice head.

All prices are computed automatically with the reseller discount. Print out this invoice and transfer the amount onto our bank account. When the amount is on our account you receive the password of the customer. If you miss the term of payment, we cannot offer any further, temporary password to you. The area of the customer license will change. At a glance you see all M-QUEST licenses that the customer owns.

ORDER

History

Reseller: M-QUEST Software AG, Jack Dollar - finance@m-quest.ch

E-Mail: automotive@m-quest.ch

Information: Kurt Fast, Automotive Company, Route 666, Rankfurt, 1234567, DE

Change Data

New License

Product: M-Plot 2000, License: 1, Hostid: 67af45e2

order new license

History

Date	Hostid	Product	License		Exp. Date	Price (excl. VAT)		
			New	Total		Euro	US\$	CHF
11/10/2000	67af45e2	M-Plot 2000	3	3	10-Dec-2000	375.00	390.00	600.00

Code: aa5750b53085e8256b34e19f3856159c2579f17 [view invoice](#)

Illustration 2-22 Sheet with all customer licenses

Remark:

It is clear for us that not everything goes perfectly at the beginning. If a mistake should happen to you, we patch the database. If we should recognize that you are not honest with us, we reserve the right to cancel the reseller status. The customer is maintained then directly by us.

Customer overview

All customers whom you support are recorded in a list. You have a complete overview at any time of your supported customers.

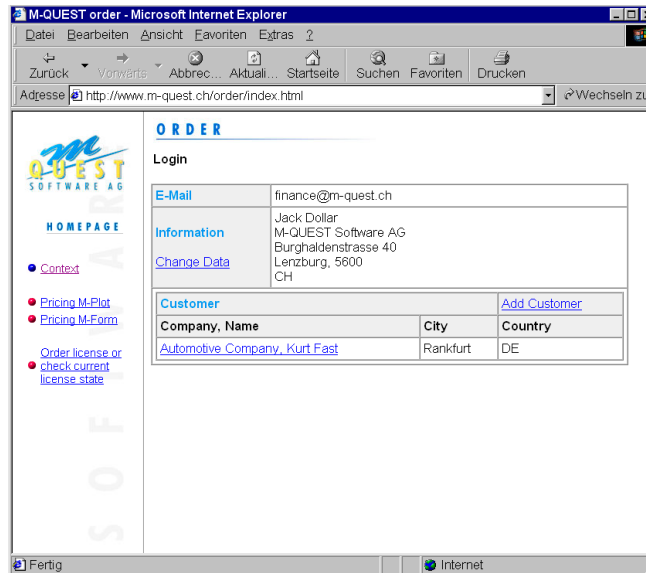


Illustration 2-23 Reseller overview with all customers

Remark:

Please inform your customer that the licensing of the M-QUEST products runs across you. M-LOP tests always internally all host-ID's. That cause unavoidably problems if the customer orders licenses directly by us.

If you want to give away a customer, please inform us by e-mail. We will move the record internally so that the customer can order directly by us. The license discount will also be transferred.

3. M-LOCK installation

M-LOCK is seamlessly integrated into the M-QUEST environment. In this chapter the features of M-LOCK and the directory structure are explained. You can look up the general setup of the M-QUEST architecture in the manual *M-ADMIN 2001*.

M-LOCK is an application, which runs in the background. You will note M-LOCK first, when a license is expired, a user has no access or the license daemon was not started.

The debugging is importantly simpler if you understand what the individual files have for a function. Internal M-QUEST files are not explained.

cmd.win and cmd.unix directory

According to platform the start scripts are created. Under UNIX there is still the script `m1 daemon`. With this script the daemon can be administrated on the console directly. All scripts are updated by M-ADMIN. Modifications disappear if the M-QUEST environment is reset.

mlock directory

This directory is created only if M-LOCK is installed as an application. Unlike the previous release 2000, the license file does not have to be copied anymore. This directory is scanned of existence if M-LOCK recognizes that on the same computer are several M-LOCK installations.

We recommend urgently install M-LOCK only on the computer where the license process should run. Clients do not need any M-LOCK installation, except you legitimize every client separately.

A. Structure of license file

Why is the license file explained? The license file is a pure text file as many M-QUEST files. That allows editing without the call of the application. Recurring steps can be executed so simply and efficiently.

If you have read Chapter 1, you found surely, to integrate all users into M-LOCK takes some time. Perhaps you have already a text file with all users. Why not simply copy and past these list?

You will also learn what information's are evaluated. That helps you during the location of errors. How fast is the name of the license server changed and who wonders why the M-LOCK license is not valid anymore.

Setup of the license file

The license file contains three sections. The sections depends of the number of installed products and the defined users:

Index	Description
[primary]	Initializes the M-LOCK parameters for the client/server.
[?product?.?version?]	For every product a password and the released users are defined.
[user.?login?]	All declared users within M-LOCK.

The order is in principle regardless, but we recommend defining it in the license file just the same way as they are declared in this list.

M-LOCK parameter

The parameters are used in order to allow the communication between the clients and the server. Since it is a question of a pure TCP/IP connection, only three parameters are needed:

Parameter	Description
-server	Expect the host name of the license server. This does not be indicated as a TCP/IP address number. M-LOCK will resolve the name internally. If the host name of the server is renamed, the name must be renamed also in the license file.
-hostid	This is the MAC address (or host-ID) of the license server. This number is checked at every call by M-LOCK and is also stored in the password. The host-ID are pure hexadecimal value.
-port	The address port for the data exchange. As default the value 2450 is used.

For one the legitimization of a client, only the license parameters **-server** and **-port** are required.

Example:

```
[primary]
* -server  wsmm
* -hostid  104b2edfe4
* -port    2450
```

Product parameter

For every product an own entry is created. This consists always the product name and the release number. A product index can look as follows:

```
[mp1ot.2000]
[mform.2000]
```

A product entry contains following parameters:

Parameter	Description
-password	The password in hexadecimal format.
-users	The indices of all released subscribers. The indices =login must be a valid login name. The user must be declared as such in the license file (see next section). Between every entry is a blank. If more than a subscriber is indicated, these must stand between curly brackets.

Example:

```
[mp1ot.2000]
* -password 39e191a853b59015774dec5650b59088e8252b2
* -users    {mark ideasadm}
```


User parameter

In this section all users are performed once. The index is like the login name. Upper **and** lower case are not considered. A user index has following format:

```
[user.login]
```

The value **login** must be replaced in this case with the login name of the user.

Parameter	Description
-----------	-------------

-name	This parameter describes the name of the user. If blanks are in the name, these must be stand between curly brackets.
-------	---

Example:

```
[user.mquest]      * -name {M-QUEST Developer}  
[user.guest]      * -name {Guest in M-QUEST}  
[user.ideasadm]   * -name {I-DEAS Administrator}  
[user.Administrator] * -name {Windows Administrator}  
[user.mark]      * -name {M-QUEST Test User}
```

Peculiarities

Is the syntax in the license file wrong, M-LOCK cannot be started. An intern error message appears and describes the problem in the programming language. If you are not familiar with Tcl/Tk, it is profitable you study the syntax of the license file before you make modifications. Make first a backup copy for yourself so that you can go back at any time onto the last state.

If you should not find the error, you can rename the license file too so that M-LOCK does not find these. If this is the case, a new file is created. You must then copy/past the passwords from the original file so that M-LOCK can create all necessary entries again.

Remark:

It is not necessary that you change the license file by hand. M-LOCK can create all entries for you. In order to speed up recurring steps, a manual editing of the license file can offer advantages.

