

# CodeMeter License Management

Installing and Managing Software Licenses
 User Manual

Version 021

Innovation with Integrity

NMR

### Copyright © by Bruker Corporation

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form, or by any means without the prior consent of the publisher. Product names used are trademarks or registered trademarks of their respective holders.

© February 06, 2019 Bruker Corporation

Document Number: 10000057561

P/N: H162728

# Contents

1	Introdu	uction and Product Order	5
2	Installi	ng the License - Online Activation	7
	2.1	Troubleshooting	11
	2.1.1	CodeMeter Installation on CentOS 5	
	2.1.2	Supported Browsers for License Activation	11
	2.1.3	CodeMeter Installation on Linux and macOS	12
3	Offline	Activation	13
4	Moving	g an installed license to a different computer - Re-Hosting	19
5	Licens	e Installation Scenarios	23
	5.1	Single-Place Solution	23
	5.2	Multi-Place Solution - Floating License	23
6	Contac	ct	

# **1** Introduction and Product Order

Since 2016, Bruker software packages have started to use the new "CodeMeter" license management. A license for Bruker software can be ordered from the Bruker website. Just go to *https://www.bruker.com/nmr\_license\_requests.html* and fill out the request form. License department will process the order details and generate an "activation ticket" and provide it to the customer. A ticket consists of a 25 character code like e.g.:

PH3T4-9D9U9-FNSGP-J9FXP-TTNXC

This code works as an access key to the purchased license package. It authorizes the customer to assign the license package to a computer of personal choice.

Install the software product on the computer system. During installation you may also be requested to install the package "CodeMeter Runtime". This is the component of the license management system. Most installation routines will perform this task automatically.

# 2 Installing the License - Online Activation

The following instructions assume that the computer system has access to the internet. The transfer and activation of the license then can be performed by an online process. Please note that internet connectivity is only required at the time of the activation process. Once the license has been transferred any further use of the software product is independent of internet access.

For an offline alternative see section "Offline activation".

On the computer system that shall hold the license, open a web browser and navigate to the following address:

### http://licensecentral-bbio.bruker.de

You should see the welcome screen of the activation process:

	Code	Meter License Central We	ebDep 🗙 🕂														×
¢	$\rightarrow$ [	(i) licensecentral-bl	pio. <b>bruker.de</b> /index.p	hp			••	• 🏠	G	9		$\overline{\mathbf{h}}$	111	۵	Ē	»	≡
											English				**		
		JKER									English						
	$\mathcal{L}$																
	Hom	ρ															
	N	lelcome to Code	Meter License Co	entral WebDep	ot												
		ome to CodeMeter Lic	ense Central WebDep	oot. You can transfe	er your licens	ses to your Cn	nContai	ner usir	ng this	WebD	epot. Please	enter	your ti	cket a	and cl	ick	
	"Next	Ľ.															
	Ticke	et:			_												
		Next															
P										07.404	500						
			Legal Notice   ©	WIBU-SYSTEMS A	AG   CodeMe	eter License C	entral V	VebDep	ot v1/	.07.180	.500.ws						

The activation process is available in ten international languages. The preferred language can be selected at the top right edge of the screen:

English	₩ 🗖
Deutsch	-
English	**
Español	6
Français	
Italiano	
Nederlands	
Português	
Русский	
简体中文	*2
日本語	٠

Now enter the ticket code in the respective form field and click "Next":



The activation services will now display the license package(s) which have been deposited for the provided ticket.

CodeMeter License Central WebDe	⊧× +											X
$\leftarrow$ $\rightarrow$ (i) licensecentral-bbio.b	pruker.de/overview.php		… ☆	C (	•		$\overline{\mathbf{h}}$	111	۵	Ŧ	»	≡
BRUKER						English				<b>##</b> [	-	
Home My Licenses												
My Licenses												
iny Licenses												
Name		Activated On	(	CmConta	iner		Statu	S				
TopSpin4 Processing Only (aca	ademia license)						Availa	ble: 1	(1)			
Activate Licenses												
	Legal Notice   ©WIBU-SYSTEMS AG   Co	deMeter License Centr	al WebDep	ot v17.07	.180.500	.ws						

Click on "Activate Licenses" in order to initiate the activation process. A ticket can refer not only to a single product license but also to a combination of products. Therefore you are requested to select which license you like to transfer to the current computer. In this example, there is only one product available. It has already been selected by a check mark.

# Installing the License - Online Activation

	CodeMeter License Central WebDe: × +										x
¢	→ ① licensecentral-bbio.bruker.de/get.php	… ☆	G	0		$\overline{\mathbf{A}}$	lii\	۵		»	≡
•	BRUKER				English				*		
	Home My Licenses										
	Available Licenses - Select the binding for Your Licenses										
	You can bind your licenses either to a computer (CmActLicense) or to a dongle (Cmi • When binding to a computer, the licenses are transferred to that machine. The lice • When binding to a CmDongle, the licenses are fully transferred into this dongle. The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into this dongle</b> . The <b>Comparison of the licenses are fully transferred into the licenses</b> . The <b>Comparison of the licenses</b> . The <b>Comparison of the licenses</b> . The <b>Comparison of the licenses</b> . The <b>Comparison of the licenses</b> . The <b>Comparison of</b>	enses are associated wi	cense	s on one	computer (C	CmAc	tLicer		0002)		
	Legal Notice   ©WIBU-SYSTEMS AG   CodeMeter L	icense Central WebDep	ot v17	.07.180.5	00.ws						

You should select the right option "CmActLicense".

The option "in a dongle" is intended for Bruker internal use and is not supported for customers.

	CodeMeter License Central WebDer × +											x
¢	i licensecentral-bbio.bruker.de/get.php	•••	☆	G	<b>P</b>		$\overline{\mathbf{A}}$	111	۵		»	≡
-						English						
E	RUKER											
	Home My Licenses											
	Available Licenses											
	To activate your licenses:											
	<ol> <li>Select the licenses you want to activate.</li> <li>Select the locally connected CmContainer to which you want to transfer the licenses</li> <li>Click "Activate Selected Licenses Now".</li> </ol>	ì.										
					0.0			0.				
	Name     TopSpin4 Processing Only (academia license)	Activated Or	1		CmCor	ntainer			atus ailable	9		
1:	Select CmContainer 8-8883308 (BRUKER_BBIO_WMLV) C Activate Selected Licenses Now							Off	ine lic	ense	transfe	er
_	Select binding My Licenses											
	Legal Notice   ©WIBU-SYSTEMS AG   CodeMeter Lice	ense Central W	/ebDep	ot v17	.07.180.5	i00.ws			I			

The entry "Select CmContainer" is automatically filled with your default container. Do not change this selection unless instructed otherwise e.g. by Bruker support team members. Finally click on "Activate Selected Licenses Now". The online license transfer starts now:

# Online License Transfer Image: Please wait! The selected licenses are transferred. This process may take several minutes to complete. Please do not remove the CmContainer during this process and do not reload this page. Starting license transfer. Creating license request. Downloading license update.

If you see the following message the license transfer has been completed successfully and the requested license is now active for use on the computer system:

Online License Transfer	
Starting license transfer. Creating license request. Downloading license update. Importing license update to CmContainer. Creating receipt. Uploading receipt.	
set transfer completed successfully!	
ОК	

# 2.1 Troubleshooting

### 2.1.1 CodeMeter Installation on CentOS 5

The TopSpin installation installs the CodeMeter Runtime version 5.10. Newer versions do not run under Centos 5.

The CodeMeter Runtime 5.10 online activation and the WebAdmin user interface works with firefox-45.8.0 . Former firefox versions or other web browsers may fail.

Firefox upgrade hints:

A change in the yum configuration is necessary because the Centos 5 support has expired in March 2017 .

login as root

cp -p /etc/yum.repos.d/CentOS-Base.repo /etc/yum.repos.d/CentOS-Base.repo\_backup

sed -e 's|^mirrorlist=|#&|' -e

's|#baseurl=http://mirror.centos.org/centos/\$releasever/\(.\*\)/

\$basearch/|baseurl=http://vault.centos.org/5.11/\1/\$basearch/|'

# (Please note that above three lines starting with sed declare a single command and must be written in a single line).

/etc/yum.repos.d/CentOS-Base.repo\_backup > /etc/yum.repos.d/CentOS-Base.repo

yum install firefox.\$(uname -i)

if yum install shows conflicts update the whole Centos 5 to the last version 5.11 executing "yum update" and retry the Firefox Installation.

### 2.1.2 Supported Browsers for License Activation

Activation has been tested successfully with:

- Firefox Version 63.0.3
- Chrome 68.0.3440.84
- Safari 12 (macOS 10.14)
- Internet Explorer 11.0.9600.19155

Edge can currently only be used for offline activation.

### 2.1.3 CodeMeter Installation on Linux and macOS

- The **Linux** version of the CodeMeter runtime delivered with TopSpin comes as an RPM package and thus can only be installed on RPM based distributions like Red Hat (CentOS, Fedora) or Suse. If you use a different, not directly supported, distribution (Debian, Ubuntu,...), please download the CodeMeter Runtime here: <a href="https://www.wibu.com/downloads-user-software.html">https://www.wibu.com/downloads-user-software.html</a> and follow the given installation details.
- CM runtime for diverse **macOS** versions are available on the same site.

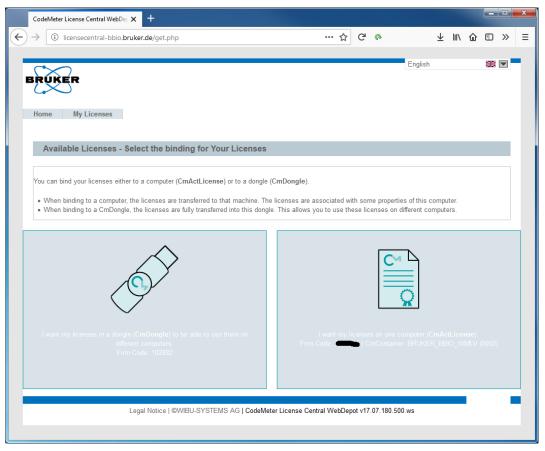
# **3 Offline Activation**

It is also possible to retrieve a license if your workstation has no internet connection. To transfer the license you need to follow these steps:

- 1. On the workstation which needs a license open the "CodeMeter Control Center" via the start menu entry.
- 2. Click the "Activate License" or "License Update" button (depends on whether a license has been activated before) and proceed with "Next".

Ņ	Welcome to the CmFAS Assistant! The CodeMeter Field Activation Service (CmFAS) assistant helps you adding, changing and deleting licenses from the license management system CodeMeter. With the CmFAS assistant you can create license request files, which you can send to the producer of the software by email. You can also import the received license update files with the CmFAS assistant into the license management and create a
	receipt of the import for the producer.

- 3. Select the first radio button with the option "Create license request" and click "next".
- 4. Save the WibuCmRaC file on the harddisk by following the steps from the wizard. When done, transfer this file to the workstation which is connected to the internet.
- 5. On a workstation which has internet access open the following URL: *http://licensecentral-bbio.bruker.de* and enter the ticket number. Click "Activate License".



You should select the right option "CmActLicense". The option "in a dongle" is intended for Bruker internal use and is not supported for customers.

6. Click at the bottom of the page the "Offline license transfer" link.

CodeMeter L	icense Central WebDer 🗙 🕂										1
)  ightarrow (i) lie	censecentral-bbio.bruker.de/ge	t.php	•••	☆ C	•		$\overline{\mathbf{A}}$	lii\ 1	<u>ک</u> 🗈	) »	
$\sim$	2					English			Ħ		
BRUKE											
Home	My Licenses										
Availa	ble Licenses										
To activate	e your licenses:										
1 Salact ti	he licenses you want to activate.										
		er to which you want to transfer th	e licenses.								
	ctivate Selected Licenses Now".	er to which you want to transfer th	e licenses.								
		er to which you want to transfer th	e licenses.								
3. Click "A	ctivate Selected Licenses Now".	er to which you want to transfer th			Carlorate			C4-4			
3. Click "A	ctivate Selected Licenses Now".		e licenses. Activated On		CmConta	iner		Stat			
3. Click "A	ctivate Selected Licenses Now".				CmConta	iner			us lable		
3. Click "A <b>Name</b> TopSp	ctivate Selected Licenses Now". ) in4 Processing Only (academia				CmConta	iner					
3. Click "A	ctivate Selected Licenses Now". ind Processing Only (academia Container				CmConta	iner					
3. Click "A Name Select Cm( 128-8883308 (	ctivate Selected Licenses Now". in4 Processing Only (academia Container BRUKER_BBIO_WMLV)()				CmConta	iner					
3. Click "A Name Select Cm( 128-8883308 (	ctivate Selected Licenses Now". ind Processing Only (academia Container				CmConta	iner		Avai		e trans	sf
3. Click "A Name Select Cm( 128-8883308 (	ctivate Selected Licenses Now". in4 Processing Only (academia Container BRUKER_BBIO_WMLV)()				CmConta	iner		Avai	lable	e trans	sf
3. Click "A Name Select Cm( 128-8883308 ( Actival Select bindi	ctivate Selected Licenses Now". ind Processing Only (academia Container BRUKER_BBIO_VMLV) ( ) te Selected Licenses Now				CmConta	iner		Avai	lable	e trans	sf
3. Click "A Name TopSp Select Cm( 128-8883308 ( Actival	ctivate Selected Licenses Now". ind Processing Only (academia Container BRUKER_BBIO_VMLV) ( ) te Selected Licenses Now				CmConta	iner		Avai	lable	e trans	sf
3. Click "A Name Select Cm( 128-8883308 ( Actival Select bindi	ind Processing Only (academia Container BRUKER_BBIO_VMLV) ( te Selected Licenses Now	license)	Activated On					Avai	lable	e trans	sf
3. Click "A Name Select Cm( 128-8883308 ( Actival Select bindi	ind Processing Only (academia Container BRUKER_BBIO_VMLV) ( te Selected Licenses Now		Activated On					Avai	lable	e trans	sf
3. Click "A Name Select Cm( 128-8883308 ( Actival Select bindi	ind Processing Only (academia Container BRUKER_BBIO_VMLV) ( te Selected Licenses Now	license)	Activated On					Avai	lable	e trans	sf

7. Upload the just generated WibuCmRaC file using the workstation which is connected to the internet by selecting the file and clicking the "Upload Request And Continue Now" button.



Browse... 128-8883281.WibuCmRaC

Upload Request And Continue Now

8. Now click the "Download License Update File Now" Button and save it.

English 🛣 💌	]
Home My Licenses	
Download License Update File	
Upload Request 🗸 Download Update Upload Receipt	
<ul> <li>To transfer your licenses offline - Second step "Download Update":</li> <li>1. Click "Download License Update File Now" and save the file on your computer.</li> <li>2. Import this license update file to the CmContainer with Serial 128-</li> <li>3. After you have successfully transferred the license update file to the CmContainer, click "Next" to confirm the license transfer.</li> </ul>	
Download License Update File Now Next Online license tra	nsfer
My Licenses	
Legal Notice   ©WIBU-SYSTEMS AG   CodeMeter License Central WebDepot v17.07.180.500.ws	

9. This WibuCmRaU file needs to be transferred to the workstation with no internet connection and imported using the CodemeterContral Center. Click the "License Update" or "Activate License" button and then select the "Import license update" option and click next. Select the WibuCmRaU file and click "Commit" and finally click "Finish".

<i>"</i>	The license update has been successfully imported You will find details for the imported licenses in the CodeMeter WebAdmin. In order to create a receipt for the producer please click <u>here</u> .
	< Back Einish Help

- 10. Now click the "License Update" or "Activate License" button again and select the "Create receipt" option and save it. When done, transfer this receipt file to the workstation which is connected to the internet.
- 11. This receipt needs to be uploaded on the workstation with internet connection by clicking "Next" on the webpage to get to the final "Upload Receipt" step.

# **Offline Activation**

Code	eMeter License Central WebDe	× +													×
	i licensecentral-bbio.b	ruker.de/continu	e.php			… ጏ	G	P		$\overline{\mathbf{A}}$	111	۵	•	»	≡
										English				₩ [	-
BRUP	ER									2.19.011					
	$\bigcirc$														
Home	My Licenses														
Cor	nfirm License Transfe	r													
	Upload Request √			Downloa	ad Update					Uplo	oad Re	eceipt			
T (	c 11 m	<b>T</b> I. I & <b>III</b> I	1.5.1.41												
	sfer your licenses offline														
Cont	te a license receipt file from rol Center. How it works 🛨		with Serial 128-	and F	Firm Code		. This f	le can f	or exar	nple be cre	ated v	vith C	odeM	eter	
	ct the created license recei "Upload Receipt Now".	pt file.													
lf you ha	aven't imported the license u	pdate file yet, you	ı can download it a	gain. Click "E	Back" to ge	to the o	lownloa	d page.							
Pick lic	ense receipt file (*.WibuC	mRaC)													_
Durchsuch	nen) Keine Datei ausgew	ählt.													
Up	load Receipt Now	Back										Onli	ne lice	ense tr	ansfer
My Lice	nses														
	Le	gal Notice   ©WIB	U-SYSTEMS AG	CodeMeter L	License Cer	tral Wel	Depot	v17.07.	180.500	).ws					

12. There you need to upload the generated receipt file by selecting it and clicking the "Upload Receipt Now" button. 4

# Moving an installed license to a different computer - Re-Hosting

The licensing system allows to reallocate the license to another computer system, e.g. if the customer intends to move the installation to another computer system. This is called rehosting and can be performed by the customer without the need to contact Bruker license department.

Open the welcome screen of the license activation process as described before. Enter the same ticket number that has been used already for the initial activation of the license. The current collection of licenses is shown:

CodeMeter License Central WebDer 🗙 +											×
$\leftrightarrow$ ) (1) licensecentral-bbio.bruker.de/overview.php		•••	☆	G	9	$\overline{\mathbf{A}}$	111	۵		»	≡
						English				<b>3</b> 8 (	_
BRUKER						English				saler L	
Home My Licenses											
Med Income											
My Licenses											
Name	Activated On				CmContainer		State	JS			.
TopSpin4 Processing Only (academia license)	2018-07-23 13:30:1	12			128-		Avail	able:	0 (1)		
Re-Host Licenses											
Legal Notice   ©WIBU-SYSTEMS AG   Co	odeMeter License Ce	ntral	WebD	epot v	/17.07.180.500	).ws					

After a click on "Re-Host Licenses" the system offers to deactivate this license. If several licenses are active on the current system, select the item that shall be deactivated.

BRUKER		English	* •
Home My Licenses			
Re-Hostable Licenses			
<ol> <li>Make sure that the CmContainer with Serial 128- and click "Rescan for CmContainer"</li> </ol>	nnected to this computer. If this CmContaine	r is not connected to this co	omputer, connect it now
<ol> <li>Select the licenses you want to re-host.</li> <li>Click "Deactivate Selected Licenses Now".</li> <li>After the successful deactivation of the selected licenses, you can be appreciated on the selected licenses.</li> </ol>	an activate them again in another CmContai	ner.	
<ol> <li>Select the licenses you want to re-host.</li> <li>Click "Deactivate Selected Licenses Now".</li> </ol>	an activate them again in another CmContain Activated On	ner. CmContainer	Status
<ol> <li>Select the licenses you want to re-host.</li> <li>Click "Deactivate Selected Licenses Now".</li> <li>After the successful deactivation of the selected licenses, you can be appreciated by the selected licenses.</li> </ol>			Status Activated
<ul> <li>2. Select the licenses you want to re-host.</li> <li>3. Click "Deactivate Selected Licenses Now".</li> <li>4. After the successful deactivation of the selected licenses, you can be appreciated with the selected licenses.</li> <li>Name</li> </ul>	Activated On	CmContainer	
<ul> <li>2. Select the licenses you want to re-host.</li> <li>3. Click "Deactivate Selected Licenses Now".</li> <li>4. After the successful deactivation of the selected licenses, you can be appreciated with the selected licenses.</li> <li>Name</li> <li>TopSpin4 Processing Only (academia license)</li> </ul>	Activated On	CmContainer	Activated

CodeMeter License Central V	/ebDer × +										×
$\leftarrow$ $\rightarrow$ (i) licensecentral-b	bio.bruker.de/deactivate.php	•••	☆	G	9	$\overline{\mathbf{h}}$	111\	۵	•	»	≡
BRUKER						English					-
Home My Licenses	Online License Transfer										
Re-Hostable Licens	Pibase wait! The selected licenses minutes to complete. Please do no do not reload this page.										
To re-host licenses from on 1. Make sure that the CmCo and click "Rescan for Cm 2. Select the licenses you w 3. Click "Deactivate Selecter 4. After the successful deac	Starting license transfer. Creating license request. Downloading license update.					hi					
🛛 Name											
☑ TopSpin4 Processing On					128-						
Deactivate Selected Lice											
		CodeMeter License Centra	l WebE	)epot v	/17.07.180.50	0.ws					

# Moving an installed license to a different computer - Re-Hosting

After clicking "Deactivate Selected Licenses Now" the marked license is removed from the current computer and assigned back to the ticket. Now the license can be activated on another computer system by providing the ticket code again.

# **5** License Installation Scenarios

# 5.1 Single-Place Solution

For single-place installations the product license should be activated on the computer with the software installation. The product(s) can be started and used only on this system where the license activation has been performed. In this case, nothing needs to be configured beyond the activation process as described above. For an additional installation of software on other computer systems, further license activation(s) must be executed on these systems.

# 5.2 Multi-Place Solution - Floating License

For multi-place installations, one central computer is defined as license server which hosts all product licenses. Other computers then access this license server in order to get their product licenses dynamically when required and do not need local license activations then. This gives a great flexibility for a multi-place installation and is also known as "floating license". E.g. more installations can be prepared than product licenses available and the overall number of licenses for products then limits the number of installations that can be active at the same time.

In order to let a system act as license server please follow these steps for the license setup:

- 1. Use the ticket to activate the license package on the computer defined as license server, as described above.
- 2. On this central server, in a web browser (FireFox preferred) navigate to the following address: *http://localhost:22350*
- 3. You should see the "CodeMeter WebAdmin" user interface. Select "Configuration" from the menu bar and "Server" in the second menu line. Enable the check box "Network Server" and leave the proposed value for "Network Port" unchanged:

•• < > 🗉			localhost	C	0 1
NMR Software License Requests   Bruker	IDNES.cz – s námi víte víc	nmrML - Converter	Favorites	CodeMeter License Central WebDepot v15	WebAdmin   Server Access
		Codel	Meter WebAdmin		C⁴
	STOTEMO				
	Dashboard Container ~		<ul> <li>Configuration &gt; Info</li> </ul>		*
	Server Configuration Serve	r Access		🚱 📑 English (	US) *
	Server Access Licer	se Access Permissions			
	Network Server-				
	O Disable				
	<ul> <li>Enable</li> </ul>				
	Network Port *:	22350			
	CmWAN Server-				
	<ul> <li>Disable</li> </ul>				
	O Enable				
	(*) Changes only take effect af	ter restarting CodeMeter			
	(*) Changes only take effect af	ter restarting CodeMeter			
	Current Server: localhost (1	27.0.0.1) 💋 🕕		sion: 6.40	

Click on "Apply" and close the web page.

4. On every computer that may request licenses later, open in a web browser the address *http://localhost:22350*. In the displayed WebAdmin interface, select "Configuration" and "Basic". Under "Server Search List" click on "add new server" and enter the network address (name or TCP/IP address) of the server system where the license package has been installed.

S WebAdmin   Server Search × +	and the second	and the second s	
O localhost:22350/configuration/server_search_list.html		C Q Suchen	☆ 自 🖡 🎓 🗢 😑
🧟 Meistbesucht 🛞 Erste Schritte 🊺 Vorgeschlagene Sites 🚺 Web Slice-Katalog 🔒 Der	ise 🧧 GMX Services		
SYSTEMS	CodeMeter WebAdm	in	C <sup>™</sup>
Dashboard Container - License Mo	onitoring - Diagnosis - Configuration - Info		*
Basic Configuration Server Search List	>	0	English (US) 👻
Server Search List Proxy	WebAdmin Backup		
Server Search List			
add new Server			
	Apply Restore Defaults		
Current Server: localhost (127.0.0.1)	🌝 🕕 WebAdmin	Version: 6.20	-

Click on "Apply" and close the web page. This computer will now use the server system for resolving any license requests and licenses are taken from the pool of licenses which have been activated on the license server computer. Generally, licenses are only allocated if the application is running and returned back automatically afterwards.

It is possible to create more sophisticated license management scenarios by e.g. configuring more than one address in the server search list and providing more than only one license server. For in-depth information and further support for such situations, please click the question mark button at the top right edge or refer to documentation which is available from the vendor of the license management system, Wibu-Systems, at *http://www.wibu.com* 

# 6 Contact

### Manufacturer

Bruker BioSpin GmbH Silberstreifen 4 D-76287 Rheinstetten Germany http://www.bruker.com

WEEE DE43181702

### **NMR Hotlines**

Contact our NMR service centers.

Bruker BioSpin NMR provides dedicated hotlines and service centers, so that our specialists can respond as quickly as possible to all your service requests, applications questions, software or technical needs.

Please select the NMR service center or hotline you wish to contact from our list available at:

https://www.bruker.com/service/information-communication/helpdesk.html

E-mail: nmr-support@bruker.com

### H162728\_21\_021

# **Bruker Corporation**

info@bruker.com www.bruker.com