Application Note



### Introduction

The license system, CodeMeter, used by Wavecom products has been expanded and optimized and consequently offers new possibilities. The new features do not affect already procured licenses. Customers with a software maintenance contract are recommended to update their license.

This Application Note describes the more important modifications and new features of the licensing application.

#### **CmStick Firmware Update**

Check if the CodeMeter CmStick software is installed on the host, where CodeMeter is located. The application is automatically installed with the Wavecom software or can be downloaded from <a href="http://codemeter.com/us/service/downloads.html">http://codemeter.com/us/service/downloads.html</a>





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In order for Wavecom to update or expand a license it is necessary that the CMStick firmware has the latest version (at the time of writing April 2013 it is version CmStick 1.18).

Start with opening the "CodeMeter Control Center" (CC), which will give an overview over the license. It is important to note the firmware version of CmStick.

If the firmware version is lower than 1.18 an update is required before any license expansion. An update is initiated by clicking

e <u>P</u> rocess <u>1</u>	<u>/</u> iew <u>H</u> elp			
License Ever	nts Borrow			
CmStick 1-1146932		Name:		
		Serial:	1-1146932	
		Version:	CmStick 1.18	6
		Capacity:	96 % free (57472 Bytes)	
		Status:	© Sisabled	
			<ul> <li>Enabled until unplugged</li> <li>Enabled</li> </ul>	
		License Update	Eject Change Password	

License Events Borrow		
CmStick 1-1146932	Name:	
	Serial: 1-1146932	9
	Status: O Spisabled	<b></b>





If CodeMeter CC finds a new version the update is automatically completed – in the example below the application is updated from version 1.15 to version 1.18.

Lizenz Ereignisse Ausleihe		
W-CODE License 1-1146463	Name: W-CODE License	4
	Serien-Nr.: 1-1146463	
	Version: CmStick 1.15	5
CodeMeterCC ?	Kapazität: 97 % frei (57860 Bytes)	
Updating the firmware Do not disconnect the CmStick!	Status: 🔘 🮯 Deaktiviert	
	<ul> <li>Aktiviert</li> </ul>	

In case the software is already version 1.18, the message below is displayed.







#### **Description of CodeMeter**

License information and management is done through a web interface. To open this interface from Code-Meter CC click "WebAdmin".

icense Events Borrow			
Events borrow			
CmStick 1-1146932	Name:		
	Serial:	1-1146932	9
	Version:	CmStick 1.18	6
	Capacity:	96 % free (57472 Bytes)	
	Status:	O O Disabled	
		<ul> <li>Sealed until unplugged</li> <li>Sealed</li> </ul>	
	License Update	Eject Change Password	

Go to the "Content" tab to get an overview of the CmStick including serial number, device name, firmware version etc.

me Content	Server Configuration User Data Backup/Restore	Diagnosis Info Help
	CmStick:	1-1146463
	Name:	W-CODE WCLNB Christian
	Hardware:	CmStick 1.18
	First Device:	K: (No Flash)
	Status:	Disabled
		C Enabled until Unplugged
		Enabled
	System Time (PC):	2012-08-23 14:46:50
	System Time (CmStick):	2012-08-23 14:46:50
	Certified Time (CmStick):	2012-08-23 14:39:34 Update
	Free Memory:	97 % (58.176 Bytes) Defragment

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Click on "Licenses" to see the individual license entries. Please note that the display format may vary depending on the age of the CmStick. The example below shows an older license with earlier options – the license is however still valid and is not required to be updated.

Content	Server Configuration	Diagnosis	Info		Help
ck Licenses Us	Data   Backup/Restore				
	CmStick: 1-	1186760	-		
	100003	I Bundling A	ticles		
Product Code	Name	Nutzungs- einheiten	Verfalls- datum	Aktivierungs- datum	Lizen: anzai
1	SecuriKey Lite	n/a	n/a	n/a	1
	<u>100787</u>   W	AVECOM ELEK	TRONIK AG		
Product Code	Name	Nutzungs- einheiten	Verfalls- datum	Aktivierungs- datum	Lizen: anzai
1	W-CODE	n/a	n/a	n/a	1
20	O-WC-SAT	n/a	n/a	n/a	1
30	O-WC-CL	n/a	n/a	n/a	1
<u>50</u>	O-WCODAN9001	n/a	n/a	n/a	1
51	O-WCLOVER2	n/a	n/a	n/a	1
52	O-WCLOVER2K	n/a	n/a	n/a	1
53	W-PACTOR-3	n/a	n/a	n/a	1
80	W-BV	n/a	n/a	n/a	1
100	W-CODE Server	n/a	n/a	n/a	1

For experimental and test licenses the column "Expiration Time" contains the expiration date for the license. All CMStick licenses with an expiration date require an Internet connection because the local value of the expiration time is continuously

compared to the value stored in Wavecom's license server.

All other Wavecom licenses work without limitations and do not require Internet connectivity.

Cantant	Company Court		Verseele Tele		
Stick Licenses	User Data Backup	/Restore	Jagnosis Into		нер
	CmS	tick: 2-1636	236 💌		
		100003   Bu	Indling Articles		
Product Code	Name	Nutzungs- einheiten	Verfalls- datum	Aktivierungs- datum	Lizenz- anzahl
1	SecuriKey Lite	n/a	n/a	n/a	1
	1007	187   WAVEC	OM ELEKTRONIK AG		
Product Code	Name	Nutzungs- einheiten	Expiration Time	Aktivierungs- datum	Lizenz- anzahl
1	W-CODE	n/a	2013-12-31 16:07:40	n/a	1
30	O-WC-CL	n/a	2013-12-31 16:09:23	n/a	1
100	W-CODE Server	n/a	2013-12-31 16:09:01	n/a	1

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Licenses with the entry "n/a" in the "Unit Counter", "Expiration Date" and "Activation Time" columns do not have any limitations.

me Conter	it Server Cor	nfiguration	Diagnosis In	fo	
Container Lic	enses User Data	Backup/Restor	e		
	CmCo	ntainor: 1-11	46022	×	
	emeo	intumer. [1 11	140952	•	
		100003   B	undling Articles		
Product Code	Name	Unit Counter	Expiration Time	Activation Time	License Quantity
1	SecuriKey Lite	n/a	n/a	n/a	1
	<u>100</u>	787   WAVEC	OM ELEKTRONI	K AG	
Product Code	Name	Unit Counter	Expiration Time	Activation Time	License Quantity
1	W-CODE	n/a	n/a	n/a	1
2	WSPECTRA	n/a	n/a	n/a	5
4	WSPEED	n/a	n/a	n/a	1
40	W-LV	n/a	n/a	n/a	1
80	W-BV	n/a	n/a	n/a	1
90	W-SAT-MAIL	n/a	n/a	n/a	3
91	W-Sat-email Linux	n/a	n/a	n/a	3
100	W-CODE Server	n/a	n/a	n/a	1
120	WCLOUD	n/a	n/a	n/a	4
130	W-VAC	n/a	n/a	n/a	1
200	WSPECTRA Server	n/a	n/a	n/a	1

Clicking the product code number in the "Product Code" column will open the "Product Item Details" where a new "Maintenance Period" field has been added. Previously the validation was entered into the "Feature Map" field using a special procedure, but the "Maintenance Period" data gives much clearer information regarding when a release update validation for a software maintenance contract due. This period is determined for each product.

tome Content	Serve User Dat	e <b>r Configu</b> ta   Backup/R	iration Diagnosis estore	s Info Help
		Product It	Product Item De em 100787:1 of CmS	tails Stick 1-1146463
Product Item Option	Туре	Size (Bytes)	Dependencies	Value
Text		14		W-CODE
Feature Map		4	data, serial, counter	1111 1111 1111 1111 1111 1111 1111 (0xfffffff)
License Quantity		4	data, serial, counter	1
Maintenance Period		4	data, serial, counter	Start : 2000-01-01 01:00:00 End : 2013-12-31 23:59:59

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# How to Load a Wavecom License for the First Time and How to Update or Expand Existing Wavecom Licenses

or

License generation or update can be done in a remote way. This means you hold the Wibu CMStick and we do the process by file exchanges.

To load for the first time Wavecom licenses to the CMStick or to update or expand existing licenses, you need to generate a "license request (RaC)" file and send us by email. Based on this request file we

will send you a "license response (RaU)" file which you need to load to your CMStick. To start such a request please open the "CodeMeter Control Center" application via the green tray icon or from "Start -> All Programs -> CodeMeter -> CodeMeter Control Center". Click "License Update", choose "Create license request".







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If you want to require Wavecom licenses for the first time you may choose "Add license of a new producer", input as the FirmCode 100787. Click

"Next" and a "license request (RaC)" file will be generated when you click "Commit". Send this RaC file (X-XXXXXXX.WibuCmRaC) to us by email.





If you want to extend the existing Wavecom licenses on your CMStick, you need to open the same application. Click "License Update" and choose "Extend existing license", select FirmCode 100787 and generate a "license request (RaC)" file and send it to us.

CmFAS Assistant	? 💌
	Please choose an option for the license request
	Extend existing license     Choose this option if you want to change an existing license or to add new     licenses to an existing license of the same producer.
	<ul> <li>Add license of a new producer</li> </ul>
	Choose this option if you want to add a new license and there are no licenses from this producer in the selected license container.
	< Back Next > Help

	WAVECOM ELEKTRONIK AG (100787)
1. THE	
	Select the onflware producer to which you want to cond the licence request file. T
	producer will only see the data which you select here. So you can ensure that the

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We will process your license request (RaC) file and send you a "license response (RaU)" file. After you receive the RaU file, you need to use "CodeMeter Control Center" to load the file. Choose "Import license update", choose the RaU file (X-XXXXXX.WibuCmRaU) you get from us and click "Commit". A confirmation message shows your Wavecom licenses are successfully updated.







Application Note



### **Backup of User Data**

"CodeMeter WebAdmin" offers a backup function for backing up user data stored on the CmStick.

Content Server
Configuration

Diagnosis
Info

Network
Proxy

Access
Contried Time

WebAdmin
Backup

Backup
Partice

Cutrenter
Informatice

Backup
Informatice

Cutrenter
Informatice

Cutrenter
Informatice

Cutrenter
Informatice

Cutrenter
Informatice

Cutrenter
Informatice

Default
Informatice

This function does not save the license data, which may be saved to file from "License Update".

Before any backup is attempted the desired backup path must be entered in "CodeMeter CC". Open the "Configuration" tab and select "Backup" and enter the file path in the "Backup Path" field and click "Apply".



CM-Backup1-114 6933-12Aug24-18 -51-55

and the sector is a sector to be	a User Date	De alum (De ataus				maip
ISUCK LICENS	s User Data	Backup/Restore				,
		CmStick: 1-11	46933	<b>•</b>	×	
	You can wri	te all license data i	nto a backup f	ile:	Backup now	
				Last Backup	: 2012-08-24 18:5	1:56
Yo	ı can restore y	our personal licens Backup I	e data (includir Path: C:\Trans	ng CM Passw fer	ord Manager) here.	
				Select File	Restore	
					Υ.	

The actual backup takes place from the "Content" tab by selecting "Backup/Restore" and then clicking "Backup Now". The file location is indicated in the lower field. To open the backup file the lower part of the screen is used. Use the "Select File" and then the "Restore" button. When challenged enter the standard password "**CodeMeter**".



### Localization of the CodeMeter Control Center Display Language

The display language of "Control Center" depends on the setting in Windows "Start", "Control Panel", "Region and Language" and "Format:". The modification does only affect the display language of "CodeMeter CC" and other applications, but has no impact on the administrative language of Windows.



When another language has been selected using "Format:" the CmStick application must be restarted - in certain cases a complete host reboot is required.

nglish (United King	gaom)	
Date and time forr	nats	
Short date:	dd/MM/yyyy	
Long date:	dd MMMM yyyy	
Short time:	HH:mm	
Long time:	HH:mm:ss	
First day of week:	Monday	
What does the not	ation mean?	
Examples		
Short date:	24/08/2012	
Long date:	24 August 2012	
Short time:	15:15	
Long time:	15:15:40	

#### Localization of the CodeMeter WedAdmin Display Language

The display language of "CodeMeter WebAdmin" depends on the setting in "WebAdmin", "Configuration", "WebAdmin" and "Language". The modification has no impact on the administrative language of Windows.

Language *:	english	•

Application Note



Since more than thirty years Wavecom Elektronik AG has developed, manufactured and distributed high quality devices and software for the decoding and retrieval of information from wireless data communication in all frequency bands. The nature of the data communication may be arbitrary, but commonly contains text, images and voice. The company is internationally established within this industry and maintains a longstanding, world-wide network of distributors and business partners.

#### **Product Information**

Products	http://www.wavecom.ch/product-summary.php	
Datasheets	http://www.wavecom.ch/brochures.php	
Specifications	http://www.wavecom.ch/product-specifications.php	
Documentation	http://www.wavecom.ch/manuals.php	
Online help	http://www.wavecom.ch/content/ext/DecoderOnlineHelp/default.htm	
Software warranty	One year free releases and bug fixes, update by DVD	
Hardware warranty	Two years hardware warranty	
Prices	http://www.wavecom.ch/contact-us.php	

#### **System Requirements**

	Minimum	Recommended
CPU	Core i5 or Core i7 2.8 GHz	Core i5 or Core i7 2.8 GHz
Memory	4 - 8 GB RAM	4 - 8 GB RAM
OS	Windows 7	Windows 10 32-bit 64-bit

#### **Distributors and Regional Contacts**

You will find a list of distributors and regional contacts at <a href="http://www.wavecom.ch/distributors.php">http://www.wavecom.ch/distributors.php</a>



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