3.4.14 Using the Software Key in the Virtual Environment

This section describes the procedure for using a hardware key license on a DeviceXPlorer in a virtual environment. Software key can be activate directly on the guest OS. However, the software key may not be activated correctly due to changes in the operating environment. Therefore, it is recommended to activate the software key on the host OS and use the license key from the guest OS.

Please follow the steps below to set up the host OS environment.

3.4.14.1 Set up CodeMeter Runtime on Host OS

In an environment where DeviceXPlorer is not installed, CodeMeter Runtime is required to be installed to use the license key.

- (1) Download the "CodeMeter Runtime setup file From the FAWEB download page (https://www.faweb.net/en/download/), and install it.
- (2) When the setup screen starts, click "Next", check "I accept the license agreement", and click "Next".



(3) Input the user information, and click "Next".

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Choose the installation	scope and folder			
User name:	Taro		- i	
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(4) Set the function to be set up as shown below, and click "Next".



(5) When the following screen displayed, click "Install" to start the installation.

🕼 CodeMeter Runtime Kit v6.90 Setup	3 <u>1</u> 3		×	😥 CodeMeter Runtime Kit v6.90 Setup -	-	×
Ready to install CodeMeter Runtime Kit v6.90				Completed the CodeMeter R v6.90 Setup Wizard	untime Ki	t
Click Install to begin the installation. Click Back to review or change installation settings. Click Cancel to exit the wizard.	any of yo	ur		Click the Finish button to exit the Setup W	'izard.	
				Build 3691		
Back Install		Can	cel	Badk Finish	Cano	iel

(6) The following describes the procedure to allow communication through CodeMeter's firewall in the firewall settings of the host OS. Open the "Allow an app or feature through Windows Firewall". (Control Panel > System and Security > Windows Firewall)

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Composition in the composition	anei F All Control Panel terris F Windows Firewail	
Control Panel Home	Help protect your PC with Windows F	irewall
Allow an app or feature through Windows Firewall	Windows Firewall can help prevent hackers or mainternet or a network.	alicious software from gaining access to your PC through the
Change notification settings	Private networks	Connected 🔿
Turn Windows Firewall on or off	Networks at home or work where you know and	I trust the people and devices on the network
Restore defaults	Windows Firewall state:	On
Advanced settings Troubleshoot my network	Incoming connections:	Block all connections to apps that are not on the list of allowed apps
	Active private networks:	🕺 takebishi.co.jp
	Notification state:	Notify me when Windows Firewall blocks a new app
	Guest or public networks	Not connected (

(7) Click the "Allow another app..." and add "CodeMeterRuntimeServer" from "Browse.". Allow communication through CodeMeter's firewall. Path: C:\Program Files (x86)\CodeMeter\Runtime\Deltabin\CodeMeter.exe



(8) Set up private and public according to the network environment.

@	Allowed apps				1.2 <u>-</u>	. 🗆 🗙
🛞 🍥 👻 🕇 🔗 K Control Panel 🕨	All Control Panel Items > Windows Firewall > Allowed apps			v 0	Search Control Panel	P
	Allow apps to communicate through Windows Firewall					
	To add, change, or remove allowed apps and ports, click change settings. What are the risks of allowing an app to communicate?	😽 Chi	nge settin	gs		
	Allowed apps and features:					
	Name	Private	Public	^		
	 ☑ Bing Food & Drink ☑ Bing Health & Fitness 	y N	2			
	BranchCache - Content Retrieval (Uses HTTP) BranchCache - Hosted Cache Client (Uses HTTPS)					
	BranchCache - Hosted Cache Server (Uses HTTPS) BranchCache - Peer Discovery (Uses WSD)					
	CheckPoint.VPN					
	CodeMeter Runtime Server					
	Connect to a Network Projector					
	Core Networking DeviceXPlorer OPC Server	y N		~		
		Details	Remove	2		
		Allow a	nothe <u>r</u> app	h		
		ок	Cance	el		

3.4.14.2 License activation on the host OS

Hardware key: Attach the hardware key to the host OS.

Software key: Activate the software key on the host OS, Please refer to Software key activation procedure.

3.4.14.3 License server activation on the host OS

(1) Open "CodeMeter Control Center" from the Startup menu. Make sure CmStick is listed for hardware key, or "Takebishi CmActLincense" is listed for software key. Then click "WebAdmin" to open the "CodeMeter WebAdmin" in the browser.

CodeMeter Control Center		-		×
License Events				
CmStick/C 3-4962638	Name: Takebishi CmActLicense 6001002 Serial: 130-1379358593			
	Version: CrnActLicense 3.00			
	Status: 🕒 License activated			
	Ucense Update Remove License			
CodeMeter service is running.			Web/	Admin

SYSTEMS		c	CodeMe	eter WebAd	dmin				C₁
ashboard	Container 👻	License Monitoring ~	Diagnosis •	Configuration ~	Info				
All Container	(3-49626)	18)				۵	0	91 Engli	sh (US)
1	<no name=""></no>		з	4902038		¢	mstick	/C 4.12	
Or _	A Licenses	✓ CmContainer Info	👽 User Data	♥ Backup and Restore					
Auduct 1082 9	A TAKEB	ISHI CORPORATION		Unit Counter	Valid Until	Lice	nse Quan	tity Featu	are Map
2220				n/a	n/a			1 n/a	

(2) Click "License Monitoring" on "CodeMeter WebAdmin" and confirm that "6001002-2220" license is available.

	C	odeMet	ter WebAd	dmin				C ^{,4}	
Dashboard Container ~	License Monitoring ~	Diagnosis ~	Configuration ~	Info				*	
All Licenses					Ø	0	En En	glish (US)	۷
	MachineName'	AYO'	🕴 Feature Map	License Quantity	۰ L	Used	e	Available	1
2220 -			n/a	1	2	0		1	1
2220 -			n/a	1	2	0		1	

(3) Move the cursor to the setting and click "Server" > "Server Access".

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Dashboard Container - License Monitoring - Diagnosis	s ~ Configuration ~	Inf					
All Licenses	Basic	>		0	0		English (US)
Available Licensc 'MachineName'	Server	>	Server Acce	55			
	Advanced		License Acc	ess Pe	rmissi	ons	
Product Con TAKEBISHI CORPORATION	Feature Ma	sp = 1	License Quantity	-	Use	ed 🕴	Available

(4) "Server Access" screen appears. Check "Enable" for "Network Server" and click "Apply".

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iboard Container v	License Monitoring 🗸	Diagnosis 🛩	Configuration ~	Info			*
Server Configuration	erver Access				0	0	🔜 English (US)
Server Access	icense Access Permissions	3					
Network Server-							
O Disable							
Enable							
Network Port:	22350						
CmWAN Server-							
Oisable							
O Enable							

(5) Click "License Access Permission", then click "Basic" in "Mode" and "Add" in "Basic Mode Configuration".

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shboard Container -	License Monitoring ~	Diagnosis ~	Configuration ~	Info	🕲 😡 🐘 English (US) 🤏
Server Access	ense Access Permissions]			
Basic					
CodeMeter Server is curve	ently running in License A	ccess Permissio	n Mode: Basic		
-Basic Mode Config	uration		1) montaine=040775.		
locathost	×.				
	Add Remove				
Enable FSB Access					
	Apply Un	do Changes	Restore Defaults		
				SOUTH AND CHIMNES	

(6) Input the IP address assigned to the guest OS.

Advanced	localhost needs some info from vo	u. ×
odeMeter Server is currently ru	Enter the Client's name or IP address	
Basic Mode Configurati	192.168.XXX.YYY	×
locathost	OK Can	ncel

(7) Confirm that the IP address of the guest OS entered in "Client" of "Basic Mode Configuration" has been added, and click "Apply". (This procedure adds a PC that can access the license with the hardware key.)

WIBU. SYSTEMS	CodeMeter WebAdmin	С
shboard Container + Lice	nse Monitoring + Diagnosis + Configuration + Info	
Server Configuration License A	ccess Permissions	🙂 😡 📑 Einglich (
Server Access License	Access Permissions	
Mode		
O Basic		
O Advanced		
Add Enable FSB Access	i Rémove	
	Apply Undo Changes Restore Defaults	

Important

Be sure to set the license access permission. (Guest OS IP specification) Otherwise, the license assigned to the hardware key may be used from an unintended PC on the network..

3.4.14.4 License activation on the Guest OS

On the guest OS, open the DeviceXPlorer and check the license.

If the serial number is registered correctly, the host OS key is activated and the key information is displayed. If the status is OK (KEY), the license is activated correctly.

If the key information shows "License key required", the key on the host OS is not activated correctly. In this case, check the environment again.

🐢 Untitled - DeviceXPlorer OPC Serv	er				1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -
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Project Explorer V A	Online Registrat Send mail to Sup	ion oport	Status	Serial Number	Key information
During a "Heating"	Connect to Product's Web Site		E OK(KEY)	202108267-	3-4962734 [HWKEY]
Implet Unitide Implet SYSTEM [MemoryMap] Implet SYSTEM	License		OK		No license key required
			ок		No license key required
	About DeviceXPlorer		ОК		No license key required
	T T PINO	0.4.0.1	OK		No license key required
	HIDIC	6.4.0.1	OK		No license key required
	SATELLITE	6.4.0.1	OK		No license key required
	MICREX	6.4.0.1	OK		No license key required
	FP	6.4.0.1	OK		No license key required
	MP	6.4.0.1	OK		No license key required
	KV	6.4.0.1	OK		No license key required
	TOSHIBA	6.4.0.1	OK		No license key required
	AB	6.4.0.1	OK		No license key required