# ten-sys<sup>®</sup>

INtime<sup>®</sup> for Windows<sup>®</sup> Licensing Appendix 7 with USB/CID key Procedure



#### Appendix 7 – USB/CID Deployment Host Key License installation

USB/CID Deployment Host Key License installation consists of installing a License String in the license manager. Each USB/CID key has a unique corresponding License String. Steps below go through the procedure.

#### Identifying license components:

License String: \*<ascii license string>[# "16" version "", no expiration date, exclusive...] Located in the %INTIMECFG%Iservrc file. INtime 7 can use a License String starting with "\*I" which contains a Licensing Identifier. License Code: 5x separated by dashes. Also known as the Combined Development License Code (CMBL). Also used for a USB/CID key-based deployment license. 120004-9K9A7O-9K9A7O-EXJ05Q-EXJ05Q Used to activate a USB/CID Key. Expandes into a License String in the Iservrc file during license installation.



Figure 7.1 – USB/CID deployment license keys

#### Step by Step USB/CID Deployment Host Key license installation

There are six methods to obtain the USB/CID Deployment Host Key License String or License Code. Note that the "

- 1. When the host is connected to the Internet, the License Manager attempts to retrieve the License String automatically.
  - a. Insert the USB/CID key in an open USB port on the host.
  - b. Open the INtime Configuration Panel.
  - c. Start the License Manager. If there is no license already on the host, and a USB/CID key is detected, the License Manager attempts to retrieve and install the corresponding License String. Unwanted licenses can be removed with the "Purge Licenses" button, then restart the License Manager.

INtime Configuration	Panel		×
Select the INtime compo	nent that you want	to configure	
Node Mit	cellaneous Licens	e Manager INtime Device	
Management		Manager	
	Export Settings	Import Settings	
	Exit	Help	

Figure 7.2 – INtime Configuration Panel



Figure 7.3 – USB/CID Key detected



Figure 7.4 – USB/CID license found





	×
INtime Kernel Manager ha	as been restarted.
	ОК

Figure 7.6 – INtime Kernel Manager restarted

Cicense Manager	– 🗆 X
	USB/CID key found: DAD4
INtime Distribution license is valid for use.	
Activate INtime	Maintenance
Get Eingerprint Install License File Enter License String	Backup to file
	Purge Licenses
Licman Tools Version 7.0.22237.4 Copyright © 2001-2022 TenAsys Corporation. All rights reserved.	Help Close

Figure 7.7 – USB/CID deployment license key confirmed

2. Scan the QR code printed on the license card to retrieve the License String. Skip to: Install the USB/CID License String/Code or License File.



Figure 7.8 – USB/CID deployment license key card

3. Open a browser to <u>license.tenasys.com/qr</u> and Use the Username and Password of the Operations Manager or a Delegate User (provided by your Operations Manager) along with the USB/CID Deployment Host Key serial number to obtain the USB/CID Deployment Host Key License String or License Code.

ENSE LOOK	<u>UP</u>	
INti	me USB/CID License Retrieva	al Portal Access
You may ac	ccess the digital license content by applying your account credentials here, <i>OR</i> by other means referenced in these documents.	
•	INtime for Windows INTIME-RT/MCRT Licenses	Enter USB/CID Serial Number
•	INtime Distributed RTOS-RT/MCRT Licenses	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		Enter Username
		Your username is your company email
		Enter Password
		Contact your Operations Manager if you nee assistance logging in.

Skip to: Install the USB/CID License String/Code or License File.

- 4. Enter the License Code provided with the USB/CID Deployment Host Key on the license card into the License Manager as a string or a file. (This is not available for INtime Distributed RTOS.) Skip to: Install the USB/CID License String/Code or License File.
- 5. Provide the USB/CID key Serial Number to your Operations Manager and ask for the License String or License File. Skip to: Install the USB/CID License String/Code or License File.
- 6. If a delegate user account Username and Password was provided by your Operations Manager, use the TenAsys License Portal to obtain the USB/CID Deployment Host Key License String.

Open a browser to <u>license.tenasys.com/login</u>, the *TenAsys License Portal*. Obtaining the USB/CID License String as a Operations Manager or a Delegate User.



Figure 7.9 – TenAsys License Portal

Enter the Username and Password, then click on Proceed.

		≡ test3@tena
lone Jone ester Test Ston		
Enter your TenA	sys USB/CID key se rieve your TenAsys l	rial number here to license!
Total	Available	
5,844	4,499	Create License
2	0	Create License
6,470	3.224	Create License
5	0	Create License
	ione ester Test fon ester Test fon ret Iotal 5.844 2 6.470	Total Available 5,844 4.499 2 0 6.470 3.224

Figure 7.10 – USB/CID Serial Number entry

Enter the USB/CID Serial Number, then click Download to download a CSV file with the License String(s) for the USB/CID serial number. There may be more than one USB/CID key with the same 4-5 hex digit serial number. Find the line in the CSV file that matches the entire serial number.

TenAsys License Portal					
www.tenasys.com					≡ test3@tenasys.com
↑ HOME >					
[	Demo Company				
	Primary Technical Contact: Secondary Technical Contact: Operations Manager Contact: 36F5	None None Tester Testington Enter your T here to	FenAsys USB/CID retrieve your Te wnload	key yai nuge	
	Product	Total	Available		
	INTIME-MCRT	5,844	4,499	Create License	
	INTIME-MCRT-KEY	2	0	Create License	
	INTIME-RT	6,470	3,226	Create License	
	© 2001-2024 TenAsys Corpo	ration. All rights reserved	License Portal Buil	d: 24036.2.	

Figure 7.11 – Download License

#### Install the USB/CID License String/Code or License File.

Open the *INtime Configuration Panel*. The *INtime Configuration Panel* can be accessed either by selecting "INtime Configuration" from the *INtime Status Monitor* in the Windows System Notification Area, or by typing in "INtime" in the search bar of the Start Menu and selecting "INtime Configuration" from the list of applications listed.

🛞 INtime Configuratio	on Panel		>	×
Select the INtime cor	nponent that you want	to configure		
Node Management	Miscellaneous Licen	se Manager Ntime Device Manager	:	
	Export Settings	Import Settings		
	Exit	Help		

Figure 7.12 – INtime Configuration Panel

#### Launching the License Manager window

In the INtime Configuration panel, double-click the *License Manager* icon. *Confirm obtaining a license over the Internet* 

#### The INtime Configuration tool will prompt to obtain an INtime license over the internet. Click on "No". If the deployment host is already licensed, this dialog will not appear.

The *License Management* window will appear next.

INtime Activation	$\times$	
Do you want to activate over the internet now?		
Yes No		-

Figure 7.13 - Starting the internet license dialog

🔹 License Manager	- 🗆 X
No license file found.	
Activate INtime Get Fingerprint Install License File Enter License String	Maintenance Backup to file Purge Licenses
Licman Tools Version 7.0.22131.1 Copyright © 2001-2022 TenAsys Corporation. All rights reserved.	Help Close

Figure 7.14 – License Management window

Use the "Enter String" or "Use License File" button.

🍄 Enter License String	-	×
Input License String Here:		
ок	ancel	

Figure 7.15 – Enter License String window

And paste the License String/Code or select the License File corresponding to the USB/CID key. Click on the "OK" button.

The *License Management* window shows the installed license.

Cicense Manager	- 🗆 X
INtime Multi-Core Distribution license is valid for use.	
Activate INtime Get Fingerprint Install License File Enter License String	Maintenance Backup to file Purge Licenses
Licman Tools Version 7.0.22131.1 Copyright © 2001-2022 TenAsys Corporation. All rights reserved.	Help Close

Figure 7.16 – License Management window with new license