ten**A**sys®

INtime® Distributed RTOS Licensing
Appendix 6
with Entitlement
using License Portal Procedure
INtime 7

Appendix 6 – with Entitlement using License Portal

Use this procedure to activate with an Entitlement, but without an activation account.
The license type is predetermined by the Entitlement.

Identifying license components:
Fingerprint: ---- BEGIN HOST INFO ----<ascii>---- END HOST INFO ----
Entitlement Code: 8digits-4digits-4digits-4digits-12digits<32 Hexadecimal digits total>
      01234567-89AB-CDEF-0123-456789ABCDEF
      Used once to obtain a license from the TenAsys license server.
License String: *<ascii license string>[# "16" version "", no expiration date, exclusive…]
      Located in the %INTIMECFG%lservrc file.

The license portal method of activation consists of capturing a fingerprint from the target host that needs activation, pasting that fingerprint in the license portal website, saving the returned license file, and loading it on the target host that needs activation using **Install license...** in the build-in web server interface or the **Licman** command in INshell. The details follow.

License Portal Activation Example

Step by Step Automated Activation Example

Activation of the target host can be performed in the first 10 minutes after booting without a license.

Capture the fingerprint

Activation of a target host is performed with either:
- INshell on the INtime Distributed RTOS console.
- The built-in web server on INtime Distributed RTOS. Access the web server interface by entering the IP address from the installation configuration of the target host or from the startup screen at boot time if the host was set to obtain an IP address via DHCP as shown in the example screen below to any browser on a host on the local network.

1. **Using INshell:** Capture the fingerprint from INshell on the INtime Distributed RTOS console with the command:

Licman -f:[file name]

The fingerprint is stored in the file.

2. **Using the build-in web server:** first find the IP address for the INtime Distributed RTOS host:

Figure 6.1 - Host boot up screen with the IP address listed.

The host was set up in DHCP mode with the network connection on network device rtl1g0.

3. An alternative is to use the *INtime Node Management* window on any system on the network shared with the INtime Distributed RTOS target host. If using the *INtime Node Management* window, the IP address is displayed on the right after selecting the system on the left. Click **Configure over network**.
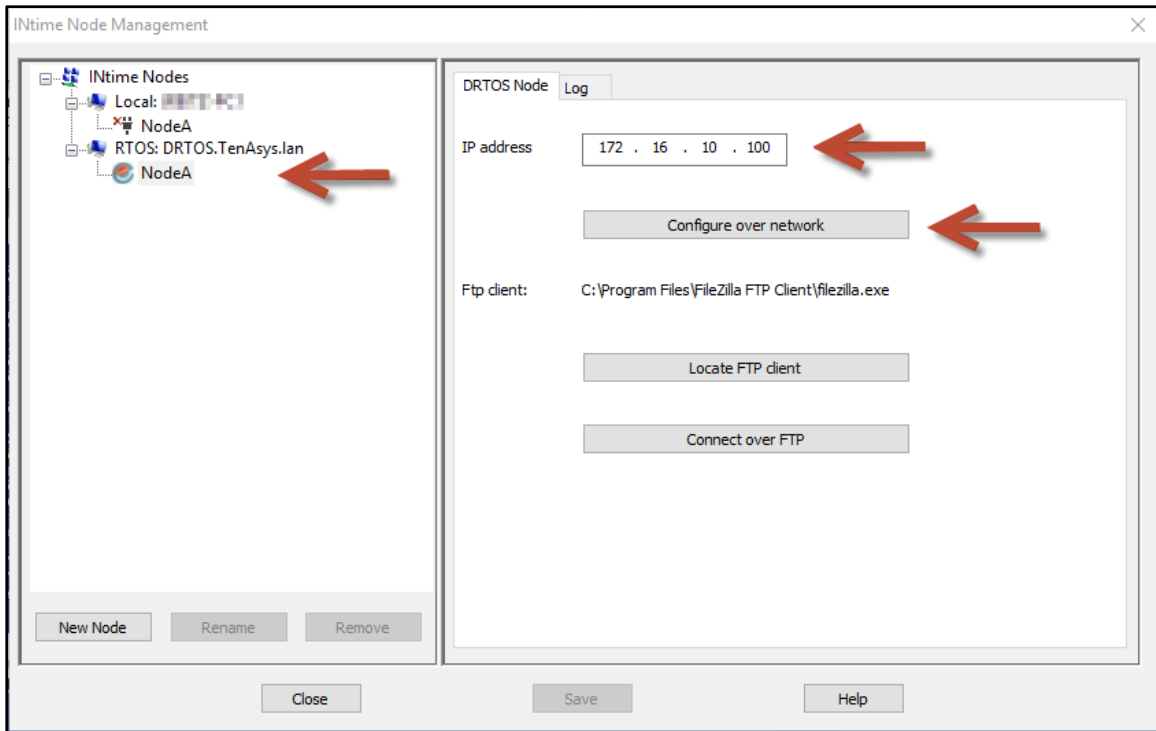
2

Figure 6.2 – Select the RTOS node with the INtime Node Manager.

All methods get to the initial INtime distributed RTOS screen from the built-in web server.
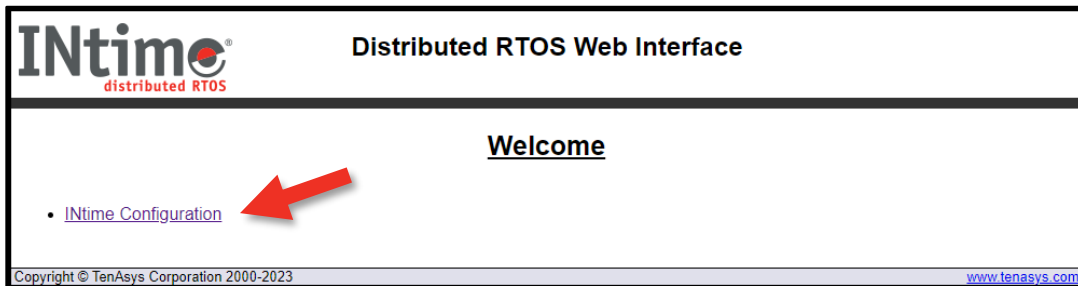
Figure 6.3 – Initial screen from the RTOS web server.

Click **INtime Configuration**.
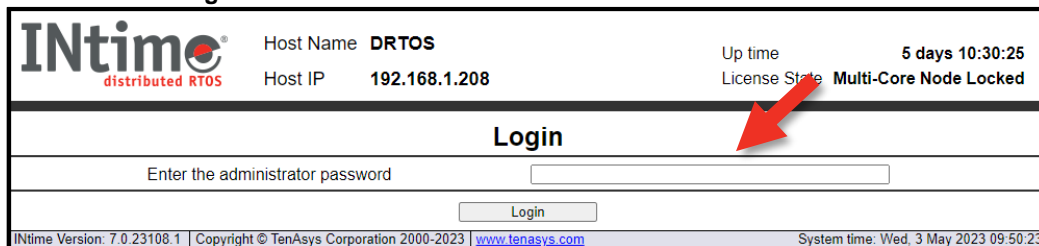
Figure 6.4 - Password screen of the target host's built-in web server.

Enter the target host password set in the installation configuration process. Click **Login**.

3

Figure 6.5 - Main screen of the target host's built-in web server.

Click the **License** menu and a screen listing 4 methods to activate the host appears.

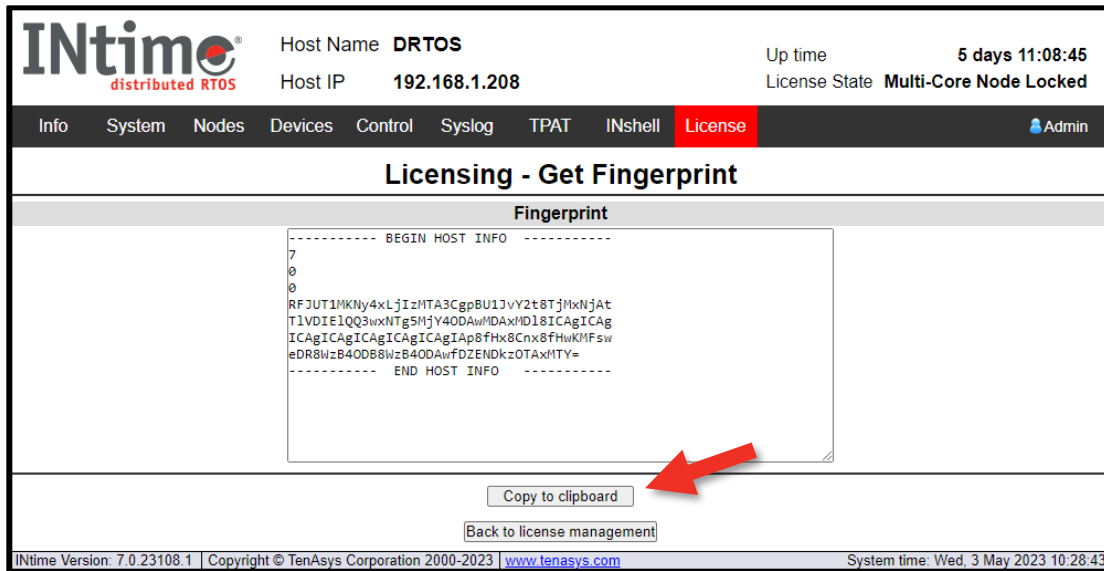Figure 6.6 - Activation option screen and activation against TenAsys-server entry screen.

Figure 6.7 - Fingerprint

Use **Copy to clipboard** and paste the buffer to save the fingerprint as a text file, then take the file to an internet connected system.

Obtain the license from the TenAsys License Management portal

Open a browser on the internet connected system to http://licman_portal/entitlement, the *TenAsys License Management* portal.
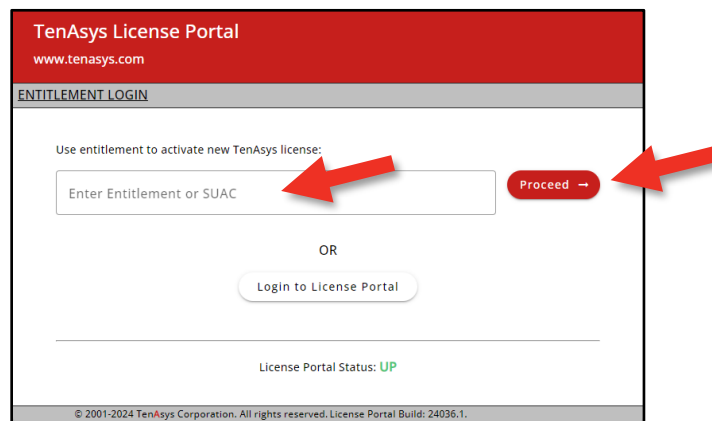

Figure 6.8 – INtime Runtime License portal Entitlement page

Enter the Entitlement.
Click **Proceed**.

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Figure 6.9 – TenAsys License Management portal fingerprint entry

Paste the fingerprint from the target host into the open field.

Figure 6.10 – TenAsys License Management portal with fingerprint entered
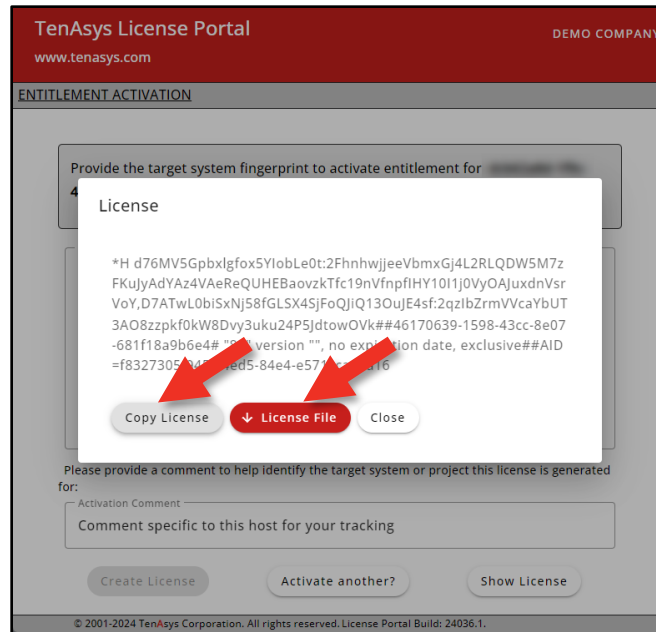
Click **Create License**.

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Figure 6.11 – TenAsys License Management portal with generated license string

Use **Copy License** to paste the license string to a file or **Save License** to save the license string to a file. ***DO NOT CLOSE THIS PAGE without saving the license string to a file!!*** Transfer the license file to the new target host.

Install the license

Installation of a license is performed with either:
- INshell on the INtime Distributed RTOS console.
- The built-in web server on INtime Distributed RTOS. Access the web server interface by entering the IP address from the installation configuration of the target host or from the startup screen at boot time if the host was set to obtain an IP address via DHCP as shown in the example screen below to any browser on a host on the local network.

Using Inshell: after transferring the license file to the INtime Distributed RTOS disk, use the command line:

licman -i:[license.lic]

Confirm the installation of the license with the command:

license list

Using the built-in web server: after transferring the license file to the browser host, open the License page:

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Figure 6.12 – License Management window

Figure 6.13 – License Management window

Use **Activate manually: install license file** to import the license file.

Figure 6.14 – Enter license string window

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And select the license file.
Click **Install license file**.
Click **Back to license management** to verify the new license.

Figure 6.15 – License installed

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