Licensing Reference

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V93000 license products

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The V93000 license products master lookup table details all available V93000 license products.

Introduction

Licenses for both hardware and software features as well as licenses available/enabled with support contracts are contained in the V93000 License Master Look-up Table.

The following details are included:

- License features, versions and feature counts per product.
- Available license models per product (30 day, 6 month, 1 year, annual subscription, perpetual, node-locked, floating, ...).
- Indicator highlighting whether license product is supported by SmarTest 8.
- License feature definition information required in model file or device license file (DLF, SmarTest versions 5, 6, and 7) and test program licensing file (TPLF, SmarTest 8).
- SmarTest version from which the feature was enabled with the associated license.

  > Note: **N/A** in the **License enabling start** column identifies licenses that are not part of SmarTest, for example, licenses for standalone software tools.
- SmarTest revision from which the feature or the license was disabled For example, a licensed feature was included as standard functionality or included in the hardware base capability.

  > Note: **N/A** in the **License disabling** column indicates that the license is still active. The license has not been obsoleted or the associated functionality has not become hardware or system base capability.
- Comments to help explain changes, such as license application, changes, obsolescence, ...).

Note The V93000 License Master Look-up Table table includes all license products for SmarTest versions from SmarTest 5.x to SmarTest 8.x.

Using the filters

The filter functionality of the master lookup table can be used to display subsets of the available licenses, making the data more manageable for viewing. Use the filtering options for a specific license data type to limit the information returned. Only data that matches the criteria is displayed in the list.

The filter types are applied as follows:

- Select an option from a dropdown list.
- Enter a string (case independent). All instances of the data type associated with the filter containing the string are displayed.

Multiple filters can be set in conjunction to further refine the data displayed.

> Note: The columns **License enabling start** and **License disabling** show the SmarTest versions that support the associated license product or the license feature.

Example

Filtering with strings and menu options

The following screenshot shows the results for all licenses containing the string **`2600`** in the product number and having a License model type: **`Annual Subscription, Floating.`**

Product number	Product version	Product description	Main product	License model	Feature name	Feature version	Feature count	Supported by SMTB	DLF/TPLF definition	License enabling start (SmarTest version)	License disabling (SmarTest version)	Comment
2600	#		#	Annual S		#	#	#	#	#	#	
N2600BC-AS	1.0	Wave Scale RF (WSRF) card, Base Capability License (2/4 RF subsystems, CW), per board, annual subscription, floating	WSRF	Annual Subscription, Floating	RF_N2600_BC	1.0	1	Yes	N/A	8.0.3	N/A	
N2600BCS-AS	1.0	Wave Scale RF (WSRF), Base Capability License (1/4 RF subsystems, CW), IoT license model, per board, annual subscription, floating	WSRF	Annual Subscription, Floating	RF_N2600_BCS	1.0	1	Yes	N/A	8.0.3	N/A	

Downloading licenses

If the FNE license server is not connected to the internet you must manually download the license container from the Advantest License Portal and upload it to the FNE license server.

About this task

If the FNE license server does not have access to the Internet, you must manually download the license container file from the Advantest License Portal and upload it to the FNE license server.

You need to use the download/email function in the License Portal to get the license container. The license container is delivered in a zip file which you must unzip to get the actual license container "bin" file.

The license container "bin" file can be uploaded to the FNE license server via the FNE Server Viewer's Offline Server Update function.

Before you begin

For activating licenses on FNE license servers that do not have access to the Internet, you need an additional computer with access to the Internet.

You need to have a login to the Advantest License Portal. If you are not able to login, get in contact with your Advantest representative.

Activate your licenses as described in Activating licenses or Activating licenses advanced.

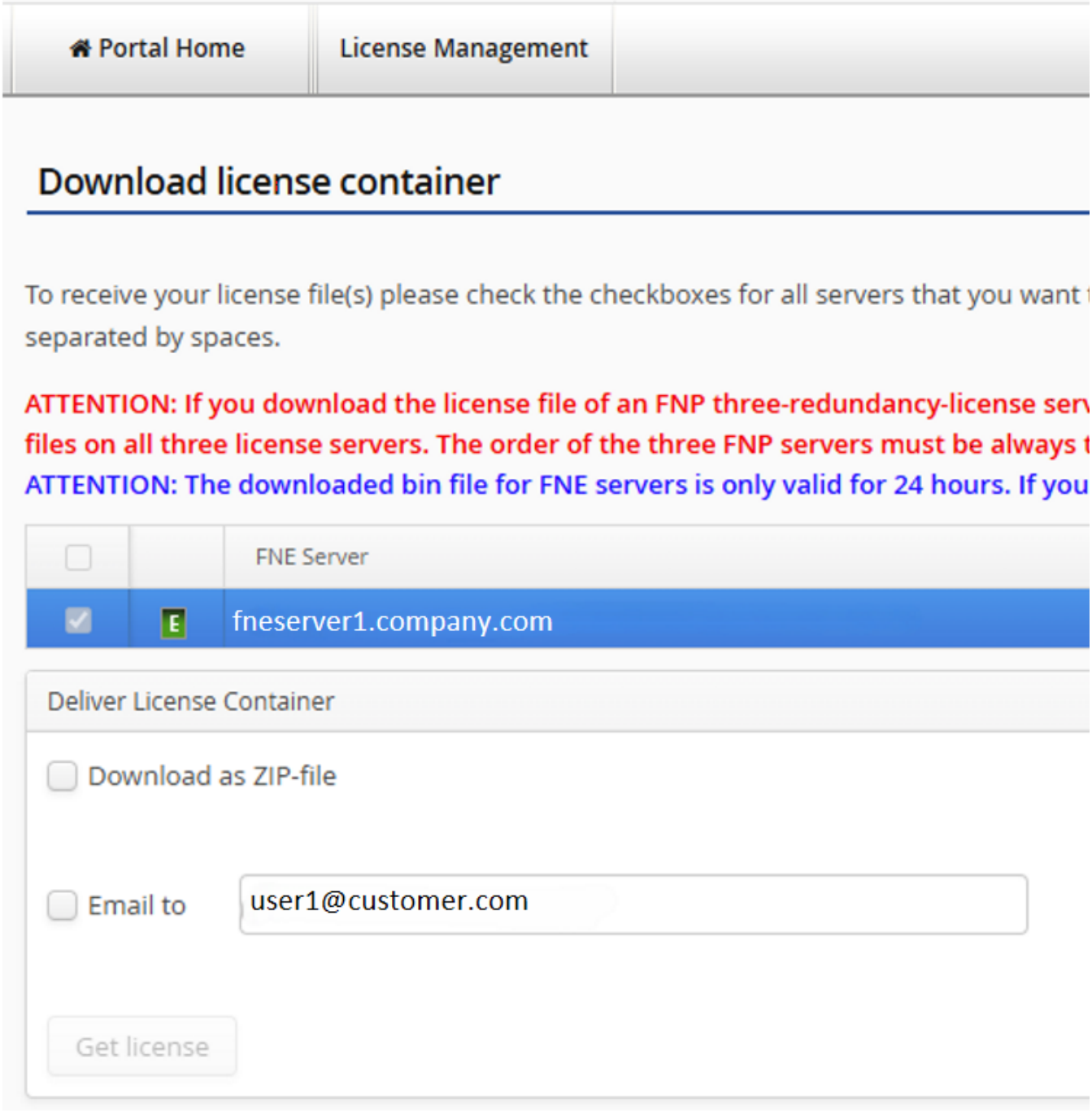
Procedure

1. Using a computer with access to the Internet, open the Advantest License Portal: https://license.advantest.com/ and login.

2. Select the tab **License Management.**

3. Click **Download license** to download the license file.
   The list of license servers are displayed.

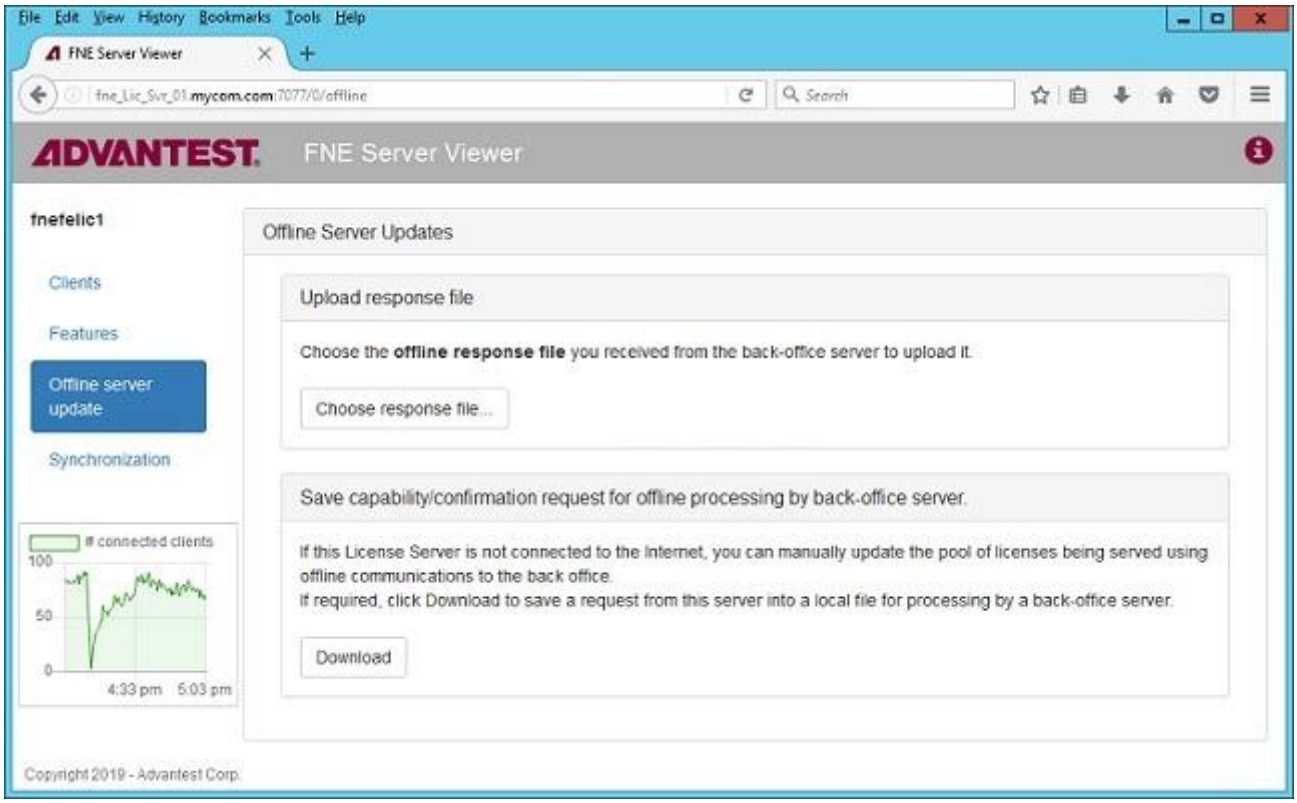
Select the license servers you want to download.



4. Select the license file delivery method:
    - **Download as ZIP file** - a list of license servers IDs are displayed
    - **Email to** - and enter an email address.

5. Copy the license container (`.zip`) file to your license server workstation.

6. On your license server workstation, unzip the license file to access the `.bin` license file.
7. On your license server workstation, start the FNE Server Viewer by entering the following URL in a web browser:
`http://<server_name>:7077`



8. Click **Offline server update** and select the license container `.bin` file and upload it to the FNE license server.

Results

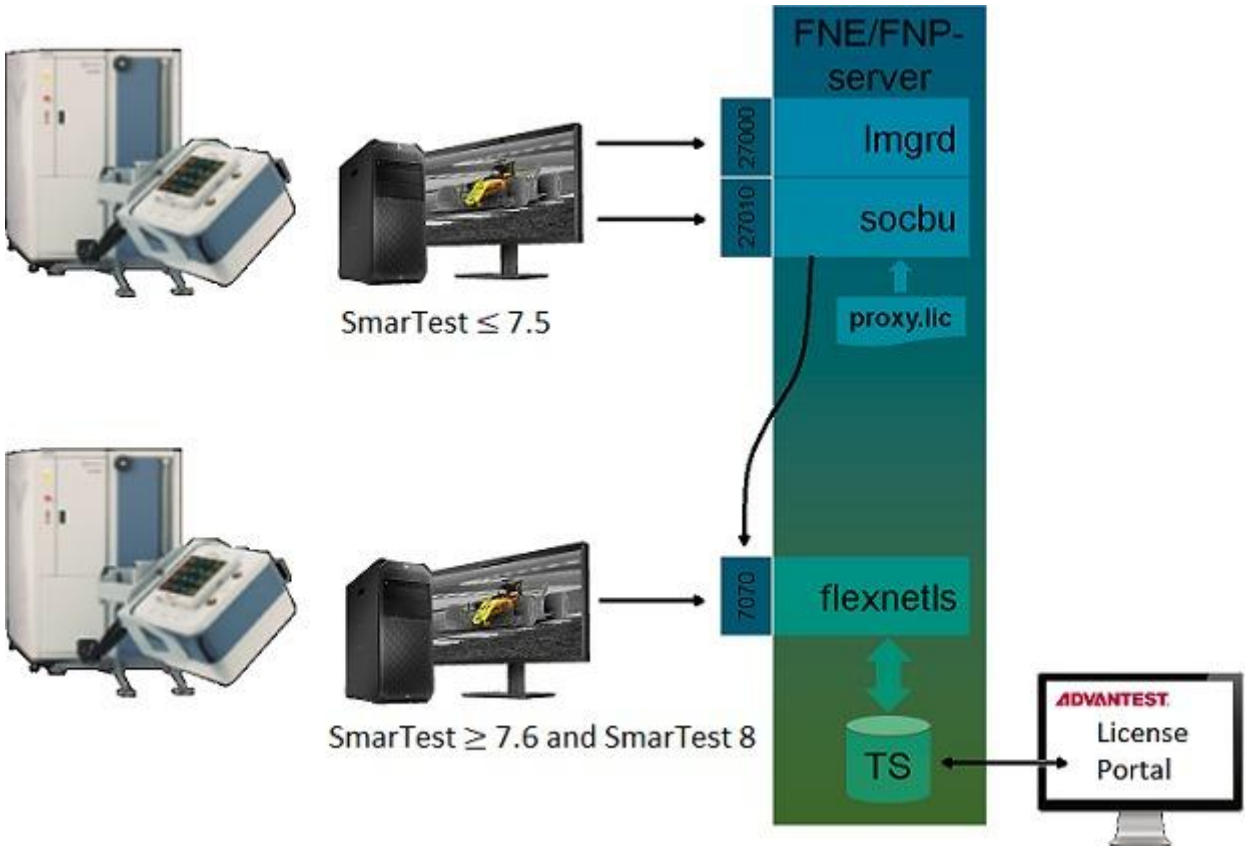
The licenses are generated and uploaded it to the FNE license server.

Mixed FlexNet Embedded and FlexNet Publisher licensing

FlexNet Embedded (**FNE**) and FlexNet Publisher (**FNP**) license management can be handled from an FNE license server installation, using the FNP to FNE proxy solution, simplifying license management.

Benefits of integrated mixed licensing includes:

- Simpler licensing management.
- License re-hosting for SmarTest 5, 6, 7 and 8.
- Automatic annual renewal of perpetual licenses.



The license server software is installed using the tool: install-fne-*date-version*.sh

License installation packages

Package	Option	Description
FNX-Server	`fnx`	Installs the FNE server and the FNP2FNE Proxy for managing mixed license environments
FNE-Server (Native)	`server`	Installs the FNE Server and Viewer. The FNE Server Viewer is used to monitoring license servers. In addition, it can be used for: • Offline-Syncs • Online-Syncs
FNP2FNE-Proxy	`proxy`	Installs the standalone package for the FNP2FNE Proxy and license client (excludes the FNE-server).
FNP2FNE proxy only	`tertiary`	Installs the FNP2FNE proxy only. Used on the tertiary (FNP) server of a mixed license failover installation.
Test License checkout tool	`tlc`	Installs the **test_license_checkout** tool.
FNE-Client	`client`	Installs the FNE client package (including the test_license_checkout tool).
Reinstall	`reinstall`	Reinstalls the server package. Use this option to repair a failed or damaged installation.
README	`readme`	Shows the readme file and exits.
Test	`test`	Verifies the download file and reports the MD5 hash value.

For information about licensing tools and utilities, see:

Advantest FlexNet Embedded license client tools

License management utilities