

Monitoring license servers using the FNE Server Viewer

The FNE Server Viewer is a web-based application that can be used to monitor Advantest license servers.

The FNE Server Viewer runs only on the license server, enabling you to easily check:

- Status of the license server
- List of the available licenses
- List of the checked-out licenses

Supported web browsers

The Licensing Portal is supported on the following web browsers:

- Google Chrome
- Mozilla Firefox

Note: Microsoft Internet Explorer is not supported.

Starting the FNE Server Viewer

Start the FNE Server Viewer by entering the following URL in a web browser:

`http://<server_name>:7077`

The FNE Server Viewer opens in the web browser and includes the following pages:

- Clients
- Features
- Offline server update
- Synchronization

Clients

The **Test systems** page displays the Advantest test systems (license clients) that have checked out licenses from the FNE license server.

The screenshot shows the FNE Server Viewer interface. On the left, there is a sidebar with navigation options: Clients (selected), Features, Offline server update, and Synchronization. The main area displays a table with the following columns: Device ID, Hostname, Host tag, and Borrowed Until. Below the table is a pagination control showing 'Page 1 of 8' and '10 rows'. At the bottom, there is a line graph titled '# connected clients' showing the number of connected clients over time from 4:33 pm to 5:34 pm. The graph shows a fluctuating number of clients, generally between 70 and 100.

Device ID	Hostname	Host tag	Borrowed Until
8CDD0443F094 starter_1tool	annichte@socbm510	tool [SmarTest 8.2.3.0]	2019-04-04 18:12:29
8CDD0443F094 starter_1tplf	annichte@socbm510 DE00100002	tplf [SmarTest 8.2.3.0]	2019-04-04 18:15:16
DC4A0E7F1B8C starter_1tplf	benwang@socbm371 Offline	tplf [SmarTest 8.2.3.0]	2019-04-04 18:28:02
3C52826FEDDB starter_1tplf	blehmann@socbm521 Offline	tplf [SmarTest 8.2.4.0]	2019-04-04 18:28:30
6451063D7481 starter_1tplf	calsei@socbm221 Offline	tplf [SmarTest 8.2.4.0]	2019-04-04 18:23:26
A88CFDCB20A2 starter_1tool	csteer@socbm405	tool [SmarTest 8.2.4.0]	2019-04-04 18:31:05
C4345B72BB42 starter_1tplf	debargu@socbm162 Offline	tplf [SmarTest 8.2.4.0]	2019-04-04 18:17:12
1860248BD712 starter_1tplf	dmaleshk@socbm563 Offline	tplf [SmarTest 8.2.4.0]	2019-04-04 18:23:47
3C5282797DCE starter_1tool	evanlaak@socbm533	tool [SmarTest 8.2.3.1]	2019-04-04 18:18:12
3C5282797DCE starter_1tplf	evanlaak@socbm533 %%%Undefin...	tplf [SmarTest 8.2.3.1]	2019-04-04 18:18:14

The Auto Refresh control provides refresh interval options. No auto refresh can also be selected.

The screenshot shows a dropdown menu for the 'No auto refresh' control. The menu is open, showing the following options: No auto refresh (selected), 30 seconds, 1 minute, 2 minutes, and 5 minutes. An information icon (i) is visible next to the 'No auto refresh' option.

Features

The **Features** page displays the licenses available for allocation on the server and their details:

The screenshot shows the FNE Server Viewer interface. On the left, there is a sidebar with navigation options: Clients, Features (selected), Offline server update, and Synchronization. Below the sidebar is a graph titled '# connected clients' showing a fluctuating line graph over time, with the x-axis labeled '4:33 pm' and '5:03 pm'. The main area displays a table of license features with the following columns: Feature, Version, Usage [%], Used, Count, Stats, Start, Expiry, and Vendor String. The table contains 10 rows of data, all with a version of 1.0 and a count of 200,000. At the bottom of the table, there is a pagination control showing 'Page 1 of 1' and '20 rows'.

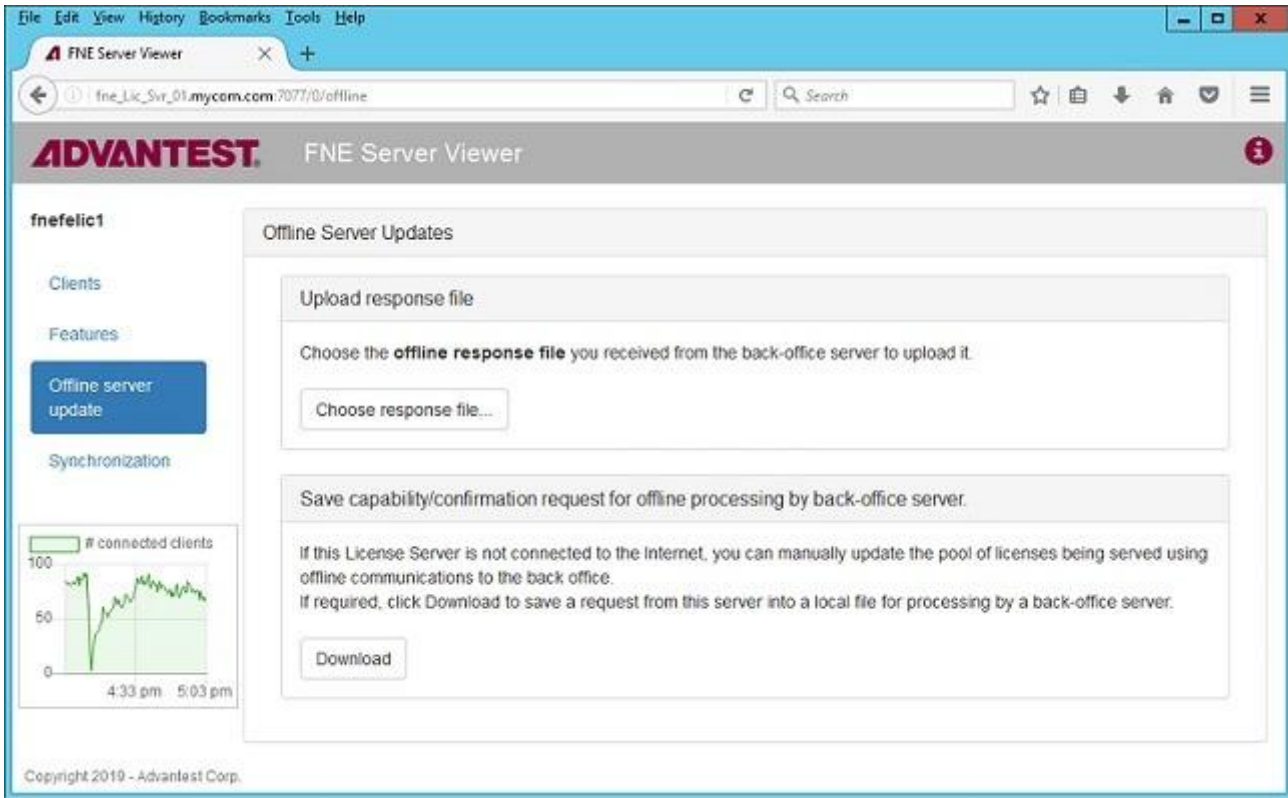
Feature	Version	Usage [%]	Used	Count	Stats	Start	Expiry	Vendor String
Digital_E7945E								
Digital_E7945E_0_50Mbps	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_100_200Mbps	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_200_400Mbps	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_50_100Mbps	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_WF_0_8	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_WF_16_32	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_WF_32_206	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	
Digital_E7945E_WF_8_16	1.0	0.0	0	200000	📊	2017-11-02	2020-03-31	

The **Auto Refresh** control provides refresh interval options. No auto refresh can also be selected.

Offline Server Update

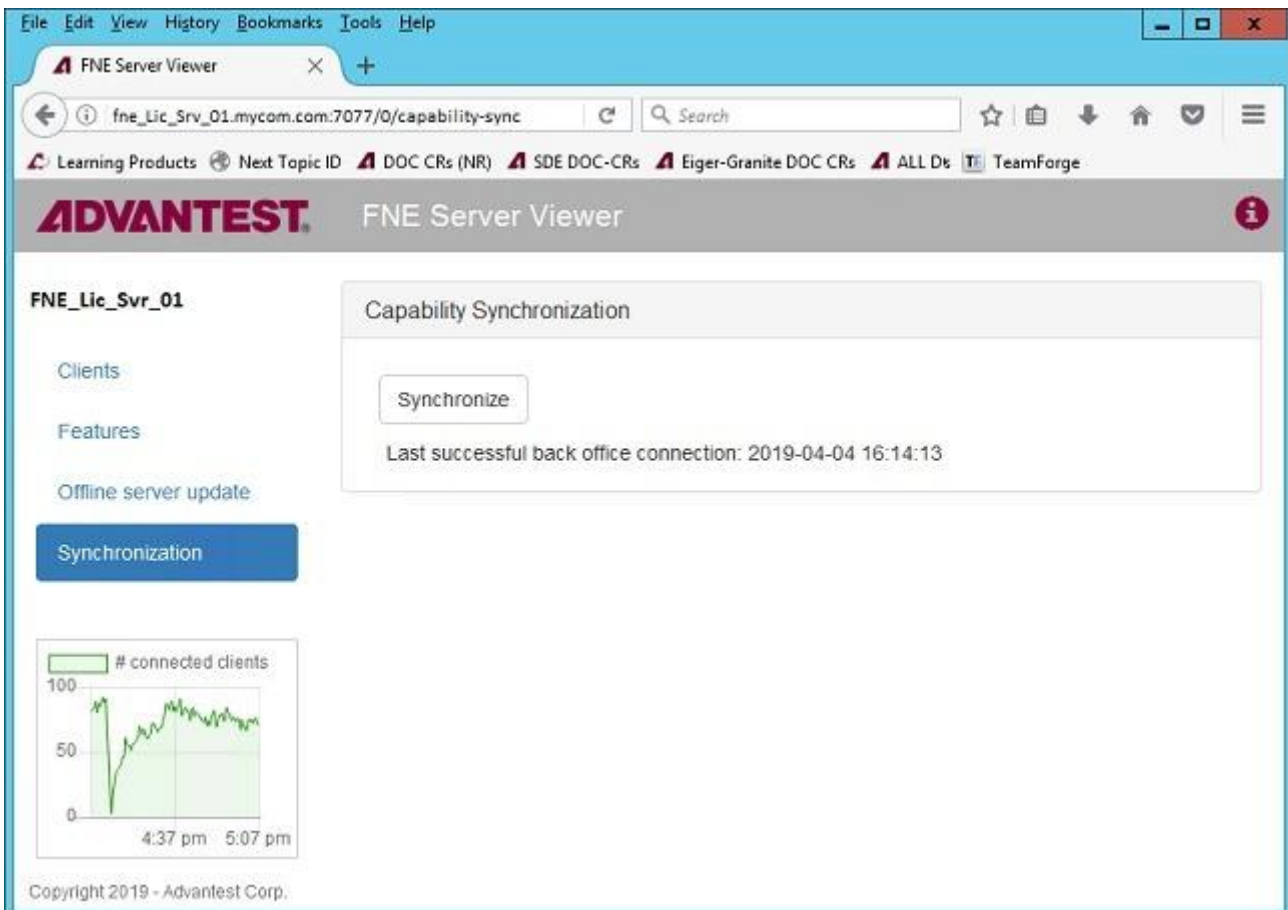
For FNE license servers not connected to the Internet, using the **Offline Server Update** page, you can upload and download license content files for :

- Activation
- Re-hosting
- Renewal



Synchronization

The **Synchronization** page contains the **Synchronize** control used to synchronize FlexNet Embedded license servers with the Advantest License back-office.



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