

# Emergency Licenses

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# Emergency Licenses

The web-based, Advantest Special Licenses feature, accessed from the Advantest homepage, is your access point for requesting emergency licenses. You can obtain, with the minimum of delay, emergency application software licenses or hardware feature licenses, to solve a manufacturing problem caused by a failed or otherwise inoperable or inaccessible license server.

To access the Advantest Special Licenses feature, you must login with your Advantest customer login.

Note: Emergency licenses are available for emergency circumstances only and are valid for 10 days only, providing you with time to rehost your full licenses.

## When to request emergency licenses

Emergency licenses are required and will be provided in the following cases:

- The license server suffers a serious malfunction (for example, motherboard or hard disc drive failure). See also [Installing emergency licenses after failure and replacement of the license server](#).

*In the case of a server that has been catastrophically damaged, you will also have to rehost your original licenses. See [Re-hosting FlexNet Embedded licenses](#). Rehosting can take several days during which time emergency licenses can be used to allow your testers to continue running.*

- Your network is not accessible. See also [Installing emergency licenses for license servers unavailable due to network problems](#).

## What you should do before requesting emergency licenses

When applying for emergency licenses, you should be aware of the following:

- Notify your Advantest sales representative as soon as possible by voice or email before you apply for a license.
- Take all reasonable steps to restore operation to your original license server or rehost your licenses.

# What you should know when requesting emergency licenses

To receive an emergency license, you must provide the following information:

- Valid user account to login to the Advantest Special Licenses feature. Alternatively, you can login with a valid entitlement ID.
- Host ID and hostname of the system controller hosting the replacement license server.

## Related information

[Requesting emergency licenses](#)

# Requesting emergency licenses

Requesting emergency license requires you to complete a short web-based form, supplying some basic information about the affected license servers, host system names, and some contact information.

## About this task

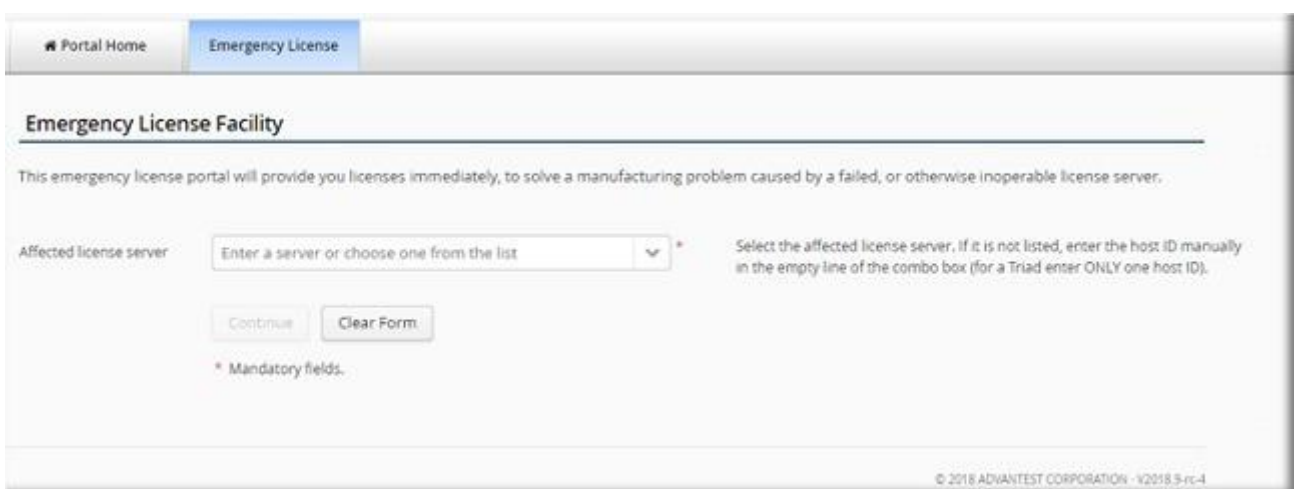
To request emergency licenses for a license server, complete the Emergency License Facility form and send the request to Advantest as described in the procedure below.

## Before you begin

Before you can request emergency licenses, you must be logged in at the Advantest License Portal and you must have information about the affected license servers that need emergency licenses and the replacement license server (host ID and hostname).

## Procedure

1. From the **Affected license server** list, select the server ID of the license server that is inoperable.



The screenshot shows the 'Emergency License Facility' form. At the top, there are two tabs: 'Portal Home' and 'Emergency License'. The form title is 'Emergency License Facility'. Below the title, there is a descriptive paragraph: 'This emergency license portal will provide you licenses immediately, to solve a manufacturing problem caused by a failed, or otherwise inoperable license server.' The main form field is labeled 'Affected license server' and contains a text input with the placeholder 'Enter a server or choose one from the list' and a dropdown arrow. To the right of this field, there is a note: 'Select the affected license server. If it is not listed, enter the host ID manually in the empty line of the combo box (for a Triad enter ONLY one host ID).' Below the input field are two buttons: 'Continue' and 'Clear Form'. At the bottom left of the form, there is a note: '\* Mandatory fields.' At the bottom right of the form, there is a copyright notice: '© 2018 ADVANTEST CORPORATION - V2018.5-rc-4'.

The selection list displays both FNP and FNE license servers:

- E** - FNE license server
- C** - FNP license server

If the license server is not listed, enter the host ID of the affected license server manually.

If the affected license server is configured as a three-redundancy license server (Triad), enter the Server ID of only ONE of the three license servers.

Note: If you have a login with a user name, there will be license servers listed in the selection list belonging to your assigned organizations. If the affected license server is not listed, you can enter it manually.

2. Click **Continue**.

The specified affected license server is displayed.

The screenshot shows a web interface for the 'Emergency License Facility'. At the top, there are two tabs: 'Portal Home' and 'Emergency License'. Below the tabs, the title 'Emergency License Facility' is displayed. A descriptive paragraph states: 'This emergency license portal will provide you licenses immediately, to solve a manufacturing problem caused by a failed, or otherwise inoperable license server'. The form contains several fields: 'Affected license server' is a dropdown menu with '00abcd123456' selected; 'Replacement license server' is a dropdown menu; 'Server Type' has radio buttons for 'Single' (selected) and 'Triad'; 'Host ID Server 1' and 'Hostname Server 1' are text input fields; 'Company using Emergency License' is a dropdown menu with the placeholder 'Enter the company or choose from the list'; 'City' and 'Country' are text input fields; and 'Reason for Emergency License Usage' is a dropdown menu with the placeholder 'Enter a reason or choose one from the list'.

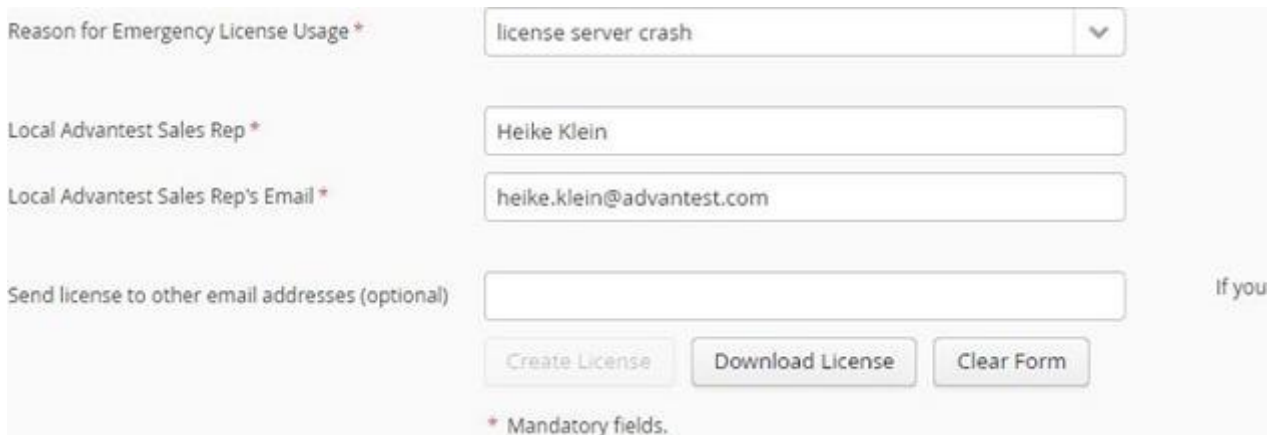
3. For the FNP replacement license server, select the server type (Single or Triad) and specify the host ID and hostname of the license server (first license server if you have a triad arrangement). For the FNE replacement license server you need to select the already registered replacement FNE license server from the selection list. If you are not able to view a newly registered FNE license server, log out from the license portal and log back in again.

4. From the drop-downlist, select the name of the organization for which the emergency license is to be generated.

Only organizations that you are assigned to are displayed.

**Optional:** Add city and country location information.

5. Enter the reason for requesting emergency licenses. Use one of the available options from the dropdown list or enter an alternative reason in the associated field.



The screenshot shows a web form for requesting an emergency license. It includes the following fields and controls:

- Reason for Emergency License Usage \***: A dropdown menu with "license server crash" selected.
- Local Advantest Sales Rep \***: A text input field containing "Heike Klein".
- Local Advantest Sales Rep's Email \***: A text input field containing "heike.klein@advantest.com".
- Send license to other email addresses (optional)**: A text input field with a "If you" label to its right.
- Three buttons: "Create License", "Download License", and "Clear Form".
- A legend at the bottom: "\* Mandatory fields."

6. Enter the name and email address of your local Advantest representative.
7. If you want to send the emergency licenses to additional personnel, for example, your system administrator, add their email address to the **Send license to other email addresses** field. If entering multiple email addresses, separate addresses with a space.
8. When you have entered all required information, click **Create License**.

Note: The **Create License** button is active only if all mandatory fields are correctly completed. **Clear Form** clears all fields.

9. Read the Terms and Conditions. To accept, click **Agree and Proceed**.

A message window opens informing you that the emergency license has been sent successfully. After closing the message window you can download the emergency license with **Download License**.

10. Log out or repeat the above steps to get another emergency license.

## Results

The emergency license request is sent to Advantest.

If you need several emergency license for the same affected license server with different replacement servers, after creation of the license, the **Download License** button becomes active. Click it, download the license, and then request the next emergency license, specifying a different replacement license server.

# What to do next

You will receive your emergency licenses as an attachment by email (`license.zip`). Install these emergency licenses on your license server. The expiration date of the emergency license is stated in the email.

# Installing emergency licenses after failure and replacement of the license server

If your license server is not operational and must be temporarily replaced, you must install an alternative license server and install the emergency licenses on this temporary license server.

## Before you begin

Obtain emergency licenses for the license servers that need to be temporarily rehosted. For details, see [Requesting emergency licenses](#).

After you have received the emergency licenses, complete the following procedure.

## Procedures

### On the replacement license server:

1. Install the FLEXlm executables (`lmgrd`, `lmutil`, ...) in the directory: `/opt/flexlm/bin`.

If you do not have the executables, download them from:

<https://www.advantest.com/service-support/ic-test-systems/products-list/v93000-licensing>, in **FLEXlm License Server Software Downloads and Documents**.

2. Create the directory: `/opt/flexlm/ELF`
3. Copy the emergency licenses to the `/opt/flexlm/ELF` directory.
4. Start `lmgrd` pointing to the `/opt/flexlm/ELF` directory:  
`/opt/flexlm/bin/lmgrd -c /opt/flexlm/ELF -l /opt/flexlm/log/log-file-name`

### On each test system controller (tester workstation):

1. Create the directory: `/opt/flexlm/ELF`
2. Copy the emergency licenses to the `/opt/flexlm/ELF` directory.

3. Set the SOCBU\_LICENSE\_FILE environment variable to the directory: `/opt/flexlm/ELF`

## What to do next

After the license server problems are fixed :

- Emergency licenses and any backups must be deleted.
- SOCBU\_LICENSE\_FILE environment variable must be reset on every test system controller (workstation).
- License server process `lmgrd`, pointing to the `/opt/flexlm/ELF` directory, must be stopped.

# Installing emergency licenses for license servers unavailable due to network problems

If your network is not reachable, you must install a local license server and emergency license on each of your test system controllers (workstations).

## About this task

After you have received the emergency licenses, complete the following procedure on each test system controller (tester workstation).

## Before you begin

Provide the host ID and hostname of every controller and obtain one (1) emergency license for each controller.

If, for example, you have a network problem and 5 workstations are affected, you must get 5 emergency licenses to establish 5 local license servers (one on each workstation).

For details, see [Requesting emergency licenses](#).

## Procedure

1. Stop any other running local license servers.
2. If not already available, install the FLEXlm executables (`lmgrd`, `lmutil`, ...) in the directory: `/opt/flexlm/bin`.  
If you do not have the executables, download them from:  
<https://www.advantest.com/service-support/ic-test-systems/products-list/v93000-licensing>  
> **FLEXlm License Server Software Downloads and Documents**
3. Create the directory: `/opt/flexlm/ELF`

4. Copy the emergency licenses to the `/opt/flexlm/ELF` directory.
5. Start `lmgrd` pointing to the `/opt/flexlm/ELF` directory:  

```
/opt/flexlm/bin/lmgrd -c /opt/flexlm/ELF -l /opt/flexlm/log/log-file-name
```
6. To ensure that SmarTest accesses the emergency license, set the `SOCBU_LICENSE_FILE` environment variable to the `/opt/flexlm/ELF` directory.

## What to do next

After the network problems are fixed:

- Emergency licenses and any backups must be deleted.
- `SOCBU_LICENSE_FILE` environment variable must be reset on every test system controller (workstation).
- License server process `lmgrd`, pointing to the `/opt/flexlm/ELF` directory, must be stopped.