

# Terminology

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## What is an entitlement certificate?

- It is a document (HTML and/or paper copy) that is unique for each entitlement.
- It is the legal proof of ownership. It is very important to keep it.
- It is shipped together with the hardware product delivery as paper copy (if applicable), or sent by email for eDeliveries.
- It contains information about entitlement lines / license products, the quantity and the expiration date.

Example for an entitlement certificate:

**ADVANTEST**<sup>®</sup>

Entitlement ID: 1234567890\_OID-aa12-bb23-cc34-dd45-ee56-dd67-89

**Software/Hardware Feature**  
**ENTITLEMENT CERTIFICATE**

Advantest Corporation grants

**CUSTOMER NAME**

the right to activate the following quantities of the product(s) below

Product	Description	Quantity	Validity
NK003-09-UPRM	InstaSlot License bundle, enabling 9 slots for SX and LX Test Head, floating, perpetual	1	2999-03-31
NK601-BC100-PRM	Pin Scale 5000 Base Capability license (channels 1-128, 16MB, 100 Mbps), perpetual per card floating	8	2999-03-31
SSBXS-SMARTTEST-NL	SmarTest (SOC) on-line SW, permanent for current release stream within 1 year, node-locked per system license	1	permanent
NK751-BCX-PRM	XPS256 Base Capability Extension license (channels 129-256, 16ch x 8A), perpetual per card floating	5	2999-03-31
NK751-BC-PRM	XPS256/128 Base Capability license (channels 1-128, 16ch x 8A), perpetual per card floating	5	2999-03-31
NK003-03-UPRM	InstaSlot License bundle, enabling 3 slots for CX, SX and LX Test Head, floating, perpetual	3	2999-03-31
NK601-BCX100-PRM	Pin Scale 5000 Base Capability Extension license (channels 129-256, 16MB, 100 Mbps), perpetual per card floating	8	2999-03-31
NK601-MEMSTEP-PRM	Pin Scale 5000 Universal Memory Step, perpetual per pin floating license	8192	2999-03-31

**NOTICE:** Advantest software products require a FlexNet license in order to run. Advantest Tester hardware features require a FlexNet license file containing specific feature licenses for the software or hardware to function. You must activate the FlexNet licenses for the product(s) listed above from Advantest Corporation by visiting the Advantest License Portal at:

<https://license.advantest.com>

To access and use the Advantest License Portal, a User account is required. Advantest will create the Advantest License Portal account for each User free of charge. User access details will be provided to the User following successful registration.

The Entitlement ID (above) will be required for activation. You will also need the Host ID and the Host Name of the computer these licenses will be associated with. If you cannot access the world wide web, or have questions about this form, contact your local Advantest sales office.

In the example above

- The entitlement ID can be found in the upper right corner. This is an important key, needed for license activation. This key should not be shared to other companies.
- The CUSTOMER NAME is printed on the entitlement certificate, which is the owner of the entitlement certificate.
- There is a line for each license product visible in the box. Each line contains the Advantest license product name like "NK003-09-UPRM", the product description like "InstaSlot License bundle, enabling 9 slots for SX and LX Test Head, floating, perpetual", the number of license product available like 1 in the column Quantity and the validity, which means when the license will expire. The date 2999-03-31 stands for 31st March 2999 and is called "permanent" as this date is far in the future.
- The NOTICE shows that access to the license portal is needed in order to activate the licenses on the entitlement certificate to a license server, so that the license can enable the appropriate software or hardware feature(s).

## What is the expiration date of a license?

- It is the date after which the respective license will no longer be valid.

- If there is not an expiration date but the term “permanent”, then the license does not expire.
- Examples for expiration dates:
  - 31-Mar-2026
  - 31-Mar-2999
 If the license has this expiration date, it is called “permanent” as the year 2999 is far in the future.
- At Midnight the license server checks the expiration dates and if a license expired, it is no longer available.

## What is a license?

A license allows the use of a specific hardware or software capability.

## What is a license feature?

- It describes a technical functionality enabled by a license (bin) file
- It consists of a name (= license string / string name) and a version number, e.g. Protocol\_Aware\_SOC, Version 1.0
- Every feature of a license product has a specific count, i.e. quantity that can be used simultaneously

## What is a license product?

- It consists of a product name (= product number), a description and a set of features and their quantities
- It describes an item that consists of a set of features.

### **Example:**

License Product Name: N7050AOF

License Product Description: Pin Scale SmarTest off-line, permanent per session floating license

Feature: SmarTestOffline\_SOC Quantity: 1

In the example above it is only one feature with quantity 1. There could be a set of features with different quantities under the same license product.

## Is a license server on a virtual machine (VM) supported

The license server setup on a VM is supported. Support details:

- For a workstation based license server setup (“local” license server):  
On an Advantest tester workstation with **supported** hypervisor/VM setup, the license server **must run** on the hypervisor for Z640 and Z4G4 workstation and on the VM for Z4G5 workstation.
- For a central license server setup (central license server, three-redundancy-license-server for FNP, failover system for FNE):  
The customer server infrastructure can be based on any operating system providing the VM setup for the license server.  
The used platform providing the VM is **not** supported by Advantest. The customer needs to take care.  
The VM Operating System **must be** an Advantest supported Operating System for the license server software.  
Advantest supports the license server software on this VM.

Cloning of licenses is **strictly forbidden** according to the Advantest terms of conditions.

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Revision #6

Created 2025-10-15 09:53:45 CEST by Ekaterina Nikitina

Updated 2025-11-28 10:56:28 CET by Ekaterina Nikitina