

NX6 Product Licensing Information

There has been some confusion over previous dongle announcements and NX. Here are the key points:

1. Dongles are **not** supported as a license server hostID.
2. Dongles and the MAC address **are** supported for node locked licenses.
3. NX6 offers a standalone license configuration to support dongle based licensing for either a floating or node locked license.

With the introduction of the composite hostID (CID) for identifying the license server, the use of a hardware key (e.g. dongle) as the license server hostID is no longer supported. The elimination of using a dongle to identify the license server impacts many single seat installations which used the dongle for license movement. A new capability, introduced in NX6, called the standalone license file will continue to permit dongle based license movement. The capability requires changing your customer configuration by entering the dongle ID at the individual license level and generating a new standalone license file. Sales or your CAA should be contacted for information on this procedure.

NX License Types

NX Products are sold with one of two types of licenses, floating or node locked. Not all products offer a licensing choice and may only be sold with one licensing option.

Floating	Also called concurrent or networked licenses. When installed in a networked configuration the license resides on a license server and can be used by any client in the network. An example is NX11110 – NX Mach 1 Design (FL)
Node Locked	The license is restricted to a particular node or workstation. The node is identified by either its hostID (usually the MAC address) or a hardware key (e.g. dongle). An example is NX11100 – NX Mach 1 Design (NL).

License File Configuration

Both license types can be configured as either a networked or standalone license file. A networked license file requires a license server while a standalone license file does not, since it is installed directly on the workstation.

The type of license file configuration depends on how the customer desires the licenses to operate in his environment. That information determines how the customer installation (e.g. sold-to) is configured in SAP, which determines the format of the license file and how the license is installed and used by the customer. The two installations are configured as follows:

Networked	Networked licenses require a central license server to serve licenses to client workstations. The server is identified by the CID entered in the customer configuration. The license file contains a SERVER line to identify it as a networked installation. If there are node locked licenses
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on this installation, they are locked to a particular client workstation identified by either their hostID or a dongle ID, which is entered at the individual license level.

Standalone A standalone license configuration does not require a license server and the license file is installed directly on the workstation allowing it to work without a network. It is denoted by the absence of the SERVER line. To secure the license, a hostID or dongle ID must be entered at the individual license level. The standalone license file, when used with a dongle, allows an individual license to move to different machines when a network is not available or practical. A single standalone license file can support multiple licenses.
Please refer to the NX6 Installation Guide for Windows for information on installation of a standalone license file.

NOTES:

- 1.) Networked and standalone licenses cannot both be configured in the same customer configuration in SAP. If both types of licenses are required, then the licenses must be distributed to separate installations or “sold-tos” in SAP.
- 2.) A standalone configuration of floating licenses does not offer concurrent use of those licenses since they are not networked.

Transition Guidelines for NX6

For existing customers, the strategy for transition to NX6 will be determined by their current license types and how they want to use licenses.

Multiple floating licenses in a network will require providing the CID for the license server. The BORROW option is available for short term use of floating licenses on laptops, etc.

If the customer had a dongle as the server hostID and wants to continue to use dongles, then the configuration needs to be changed to standalone. A dongle will be required for each license and, because no server is used, the licenses are not available concurrently.

Single floating licenses that used a dongle as the server hostID should be converted to a standalone configuration. If the customer has multiple installations, each with a single license, they can be combined into a single standalone installation with multiple licenses.

A customer that has a mixture of floating and node locked licenses will require a CID for the license server. If the use of dongles is desired on some of the licenses for mobility, then a new standalone installation must be created to contain those licenses and the dongle ID entered at the license level.

NX Licensing FAQ

Q: Why can't I use a dongle for a license server hostID?

A: NX adopted the common licensing toolkit which utilizes a composite hostID. The dongle is not compatible with the composite hostID and therefore had to be phased out as a server hostID. This restriction only applies to the license server, not to node locked licenses or a standalone configuration.

Q: How can I tell if I use a dongle for the license server hostID?

A: The server hostID is identified on the SERVER line of the license file. A normal hostID is a 12 character hex digit following the hostname field. A dongle is identified by the keyword "UG_HWKEY_ID=xxxxx" following the hostname. The following is an example of the SERVER line for a dongle based license server.

```
SERVER YourHostname UG_HWKEY_ID=55506 27000
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Q: What is a node locked license?

A: A node locked license allows the software to only run on a single workstation as identified by a unique node address, hence the name "node locked." The node identifier can either be a MAC address or a dongle serial number. The use of a dongle continues to be supported for node locked licenses.

Q: How can I identify a node locked license?

A: A node locked license can be identified by looking at the INCREMENT lines for the feature(s) that make up the product. Within the INCREMENT line will be the keyword "HOSTID=" which denotes a node locked license.

Q: Can I have a mixture of floating and node locked licenses?

A: Yes. In a networked configuration the license file can contain floating licenses and node locked licenses. The node locked licenses can be locked to a dongle or the hostID of the workstation running the software.

Q: How do you add a node locked license to a floating configuration?

A: The customer service representative (CAA) must enter a hostID at the license level for each node locked license in the customer's configuration.

Q: What is a standalone license?

A: A standalone license is a license file that does not require a license server and can be installed directly on the workstation designated to run the license. A standalone license file must be generated from a separate customer installation that only contains the standalone licenses.

Q: How does a CAA generate a standalone license?

A: To generate a standalone license, the CAA must move all the licenses to a separate customer installation and assign the dongle ID or hostIDs at the license level. A standalone installation can contain multiple licenses each assigned to a separate dongle ID or hostID.

Q: How can I identify a standalone license file?

A: There are three characteristics: 1.) There is no SERVER line. 2.) Each INCREMENT line is node locked. 3.) The license count on the INCREMENT line will be "uncounted" because there is no license server.

Q: Why can't I have networked licenses and standalone licenses on the same license file?

A: The license file is different. Each set of licenses must reside on its own install or "sold-to" in SAP. In addition, the installation procedure is different.

Q: Can the customer register the hostID for a standalone license on our website via their WebKey account?

A: No. The standalone license must be created by a CAA.

Q: How do I install a standalone license?

A: Rather than install the license file on the license server, the license file must be resident on the workstation. During the installation of NX6 on the workstation, you designate the location of the license file rather than the hostname of the license server.

Q: What do I do with unused dongles?

A: Policies will vary depending on your local country. Please contact your local Sales representative or SPD for more information.