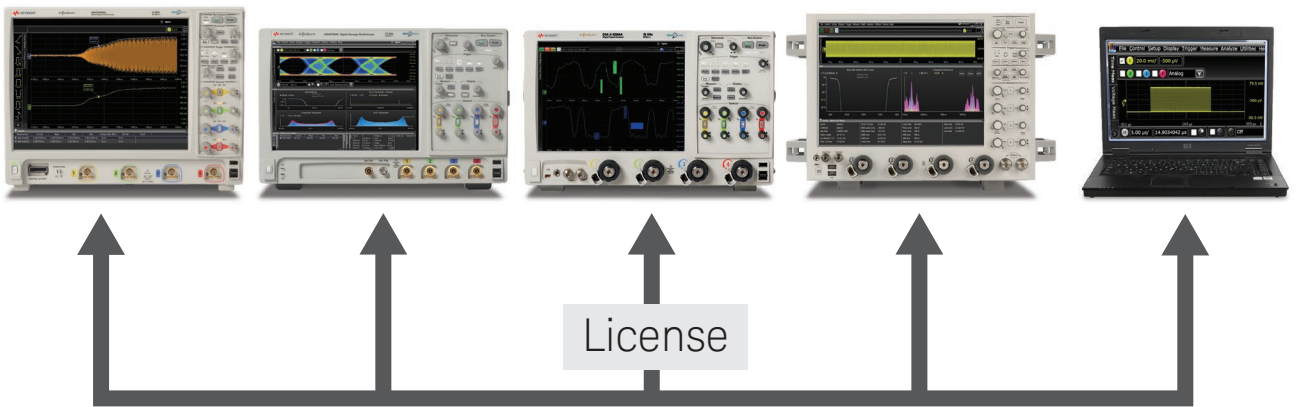


Keysight N5435A

Infiniium Server-Based License for Infiniium Oscilloscopes

Data Sheet





Introduction

The Keysight Technologies, Inc. N5435A Infiniium server-based license allows you to move your oscilloscope application license from one Infiniium oscilloscope to another, using a license server. Just check out the license from the server when you need it, and return it when you are finished with it. You can check out the license in increments of days. If you forget to return the licenses, the oscilloscope will automatically return them for you when the allotted time expires.

License files for the N5435A Infiniium server-based license are supported across Infiniium Series oscilloscope platforms, as well as the N8900A Infiniium Offline oscilloscope analysis software, so you can protect your application software investment.

Infiniium Application Server License: How It Works

The N5435A Infiniium server-based license is ideal for companies with multiple Infiniium oscilloscopes. You can share license files across oscilloscopes, anywhere in the world.

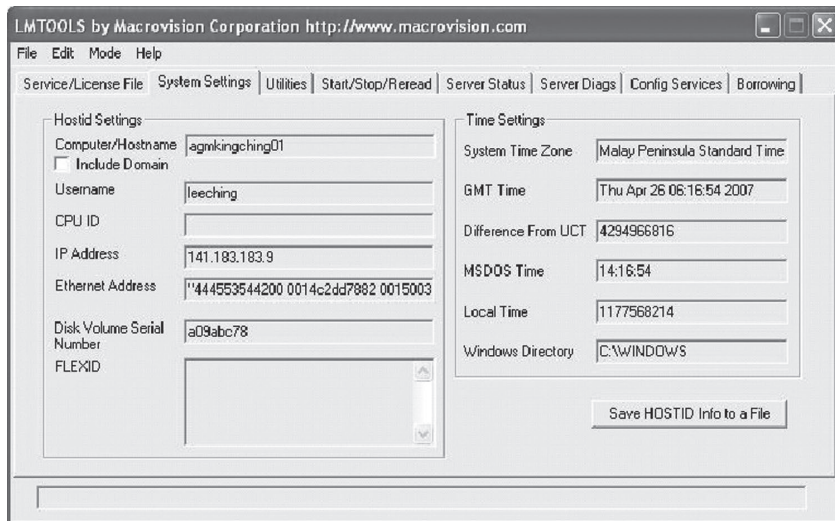


Figure 1. License server configuration example.

To borrow licenses, the oscilloscope needs to be connected to a LAN to access the license server. Once you obtain the necessary licenses, you do not need to remain connected to the LAN. Just reconnect when you decide to return your borrowed licenses to the license server. If you forget to return the license within your borrowing period (in units of days), that is not a problem. Both the license server and the Infiniium oscilloscope have their own time counters tracking the valid period for the license. Once a particular license expires, the license server automatically returns the credit to that specific license file. At the same time, the Infiniium oscilloscope automatically loses the license.

Figures 2 to 5 show you the complete flow of borrowing and returning application software on an Infiniium oscilloscope that is connected to the LAN.

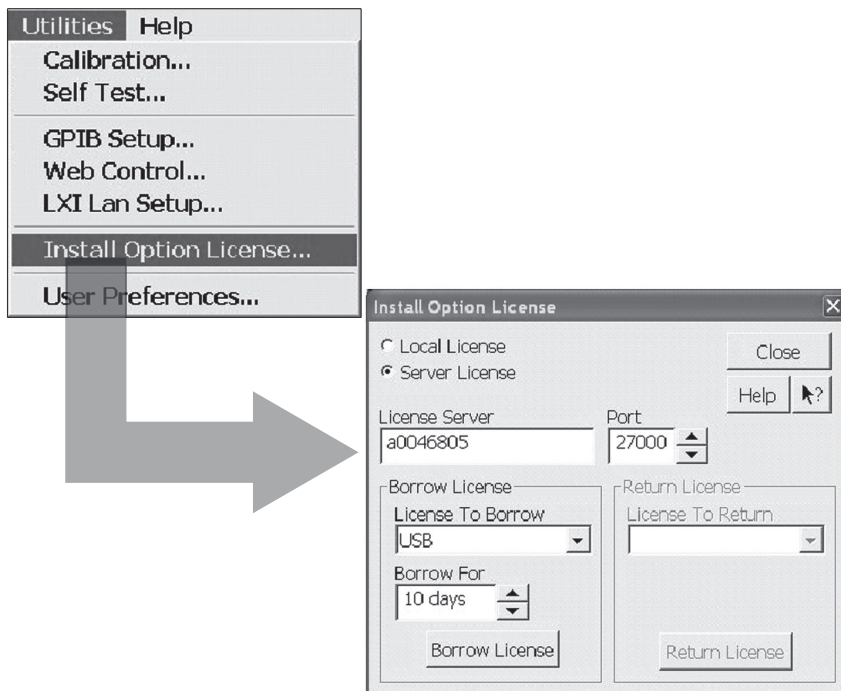


Figure 2. Install Option License dialog box.

Infiniium Application Server License: How It Works (Continued)

If you already have some node-locked licenses installed on your Infiniium oscilloscope, that is not a problem. The N5435A Infiniium application server license automatically populates the list with available server-based licenses that your oscilloscope does not have.

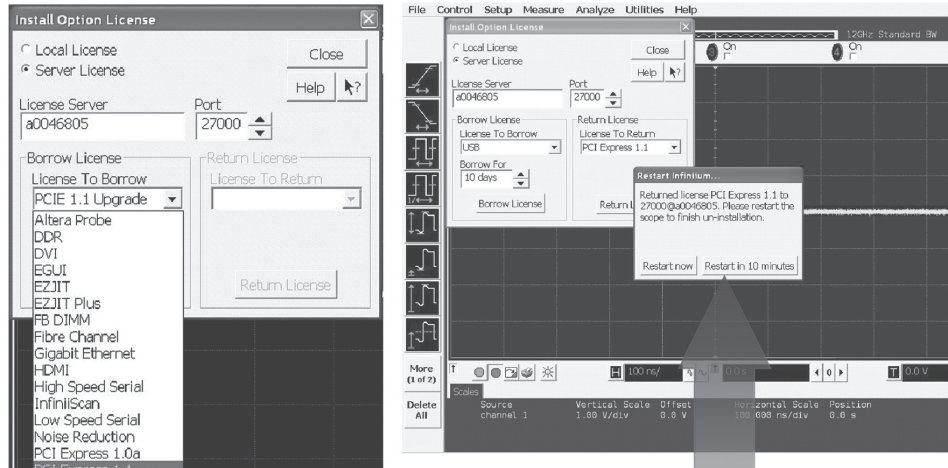


Figure 3. The License to Borrow menu automatically populates those licenses not already installed on the Infiniium scope.

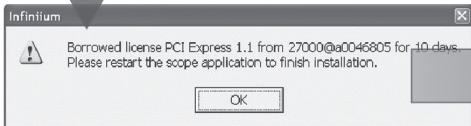


Figure 4. The confirmation window gives you borrowing period information. You must restart your Infiniium oscilloscope to activate the licenses.

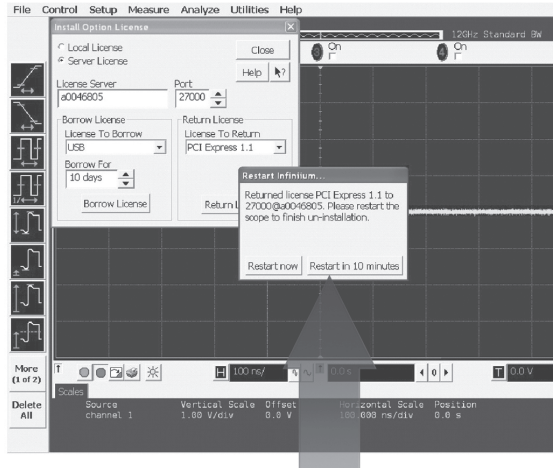


Figure 5. The Return License dialog box is populated with only the server licenses you borrowed. No node-locked licenses are shown in the list.

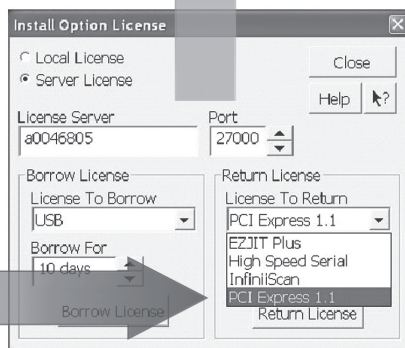


Figure 6. The return confirmation. Restart your Infiniium oscilloscope to finish the process.

Which License Type Is Best For You?

There are several different types of Infiniium oscilloscope application software licenses available from Keysight. Choose the type that works best for your situation.

Server-based licenses are generally recommended for companies that want to share licenses across multiple Infiniium oscilloscopes and/or the N8900A Infiniium Offline application.

Node-locked licenses are recommended for teams that want to ensure specific oscilloscopes retain specific licenses indefinitely.

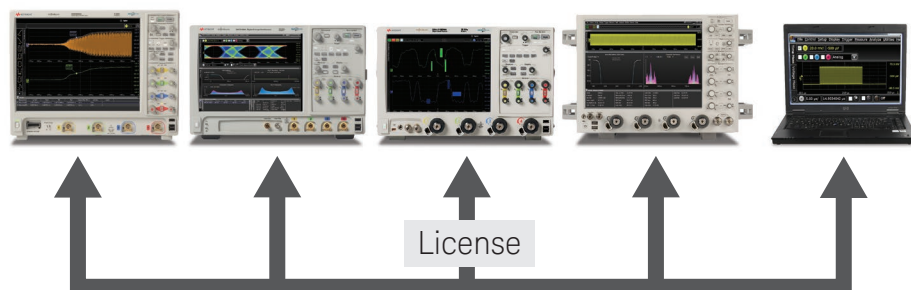


Figure 7. N5435A server-based licenses can work across Infiniium Series oscilloscopes as well as the N8900A Infiniium Offline application.

Key Specifications/System Requirements

N5435A supports

- DSO/MSO9000 Series
- DSO/MSO9000-H Series
- DSO/MSO S-Series
- DSO/DSA90000A Series
- DSO/DSA/MSO90000-X Series
- DSO/DSA90000-Q Series
- DSO/DSA/MSO V-Series
- DSO/DSA Z-Series
- N8900A Infiniium Offline

Ordering Information

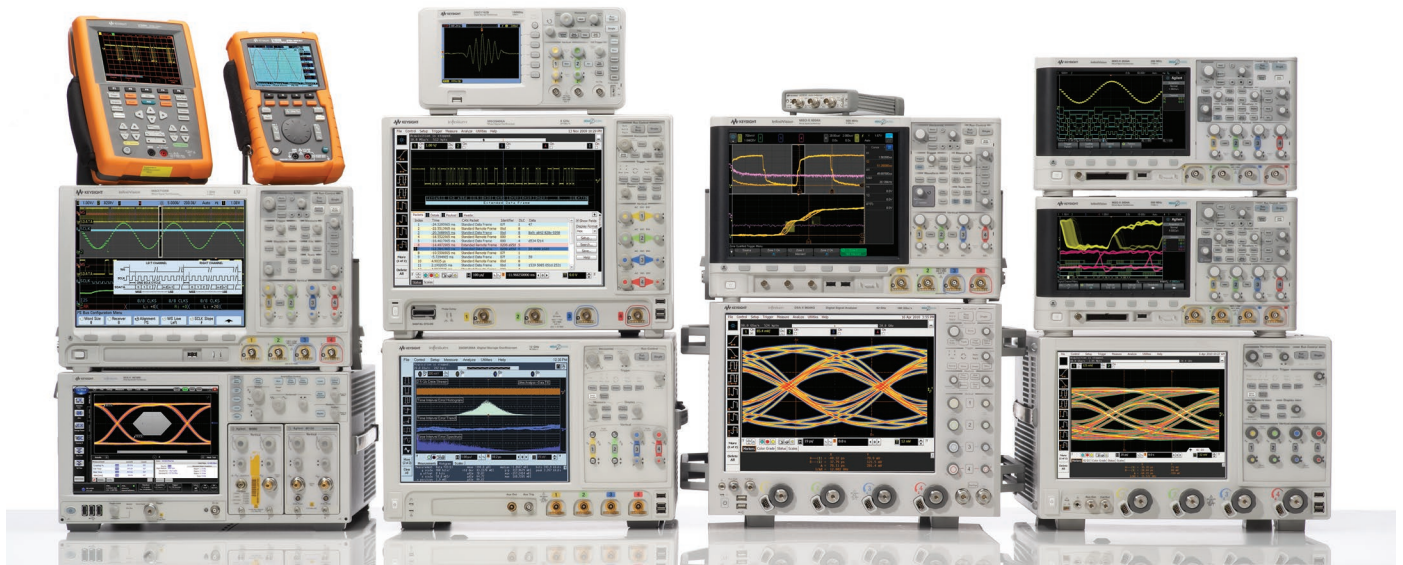
Model	Description
N5435A	Infiniium application server license
Option 001	EZJIT Plus jitter analysis
Option 002	EZJIT jitter analysis
Option 003	Serial data analysis
Option 004	InfiniiScan
Option 005	User-defined function
Option 006	I ² C/SPI triggering and decode
Option 008	Ethernet electrical compliance
Option 009	PCI Express® electrical compliance for Gen 1 and 2
Option 011	HDMI 1.2 electrical compliance
Option 017	USB 2.0 compliance test
Option 018	XAUI electrical validation
Option 021	DDR1 compliance test
Option 022	MIPI® D-PHY SM compliance test
Option 023	10-GBASE-T automated test
Option 025	Infiniium serial data equalization
Option 026	InfiniiSim basic signal de-embedding
Option 027	InfiniiSim advanced signal de-embedding
Option 028	SATA 6G compliance
Option 030	USB 3.0 compliance

Model	Description
Option 031	RS-232/UART triggering and decode
Option 032	PCI Express triggering and decode
Option 033	CAN, LIN, and FlexRay triggering and decode
Option 034	USB 2.0 triggering and decode
Option 035	SATA/SAS triggering and decode
Option 036	MIPI D-PHY triggering and decode
Option 037	DDR2 and LPDDR2 compliance
Option 038	JTAG triggering and decode
Option 039	SAS-2 compliance test
Option 040	PCI Express compliance for Gen 1, 2, and 3
Option 041	DisplayPort compliance
Option 042	USB HSIC compliance
Option 043	MIPI M-PHY® compliance test
Option 044	PrecisionProbe software
Option 045	Ethernet 64/66 protocol and decode
Option 046	PCI Express Gen 3 protocol and decode
Option 047	DigRF protocol decode
Option 048	MIPI UniPro SM protocol decode
Option 049	MIPI LLI protocol decode

Ordering Information (Continued)

Model	Description
Option 050	MHL compliance
Option 052	SD UHS-II card compliance
Option 053	DDR3 and LPDDR3 compliance
Option 054	SVID trigger and decode
Option 056	DDR4 compliance
Option 057	Thunderbolt compliance
Option 058	User-defined application
Option 059	10-GBBASE-KR compliance
Option 060	EEE and ethernet compliance
Option 061	eMMC compliance
Option 062	BroadR-Reach compliance
Option 063	UFS protocol decode
Option 064	SSIC protocol
Option 065	MIPI CSI-3 protocol
Option 067	EZJIT complete noise analysis
Option 068	MOST compliance
Option 070	HDMI 2.0 compliance test
Option 071	USB 3.0 protocol decode
Option 072	MIPI RFFE protocol decode
Option 073	SAS-3 compliance

Model	Description
Option 074	SFP+ compliance
Option 075	USB 3.1 compliance
Option 076	Infiniium Offline scope analysis software
Option 077	MultiScope for Infiniium
Option 078	40/100-GBASE-CR 4/10 compliance
Option 079	100-GBASE-KR4 compliance
Option 080	100-GBASE-CR4 compliance
Option 701	DisplayPort switch matrix software
Option 702	HDMI switch matrix software
Option 703	MIPI D-PHY switch matrix software
Option 704	MIPI M-PHY switch matrix software
Option 705	PCI Express switch matrix software
Option 706	10-GBASE-KR switch matrix software
Option 707	SFP+ switch matrix software
Option 708	User-defined application switch matrix software
Option 709	40/100-GBASE-CR 4/10 switch matrix software
Option 710	100-GBASE-KR4 switch matrix software
Option 711	100-GBASE-CR4 switch matrix software
Option 712	100-GBASE-T switch matrix software



Keysight Oscilloscopes

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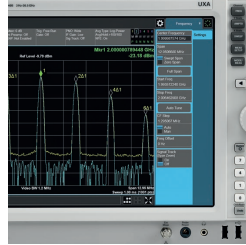
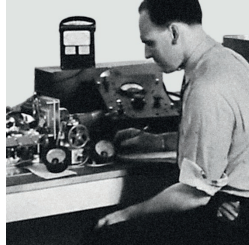


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