Digital Photogrammetric System



Version 6.2

USER MANUAL

Network hardlock key configuration



Network hardlock key configuration

A network version of the Sentinel Hard Lock Key is intended to protect the system and data, and allows to use network (or floating) licences.

When using multiple hard lock keys in a LAN, it is possible that start over of the system's modules on a separate computer could be slow. It is also possible that the hard lock key is inaccessible. In such a case it is recommended to change the hard lock key settings.

To set access to a hard lock key or to speed up start of the system modules, perform the following actions:



To set access to a hard lock key it is necessary to posses administrator's privileges.

- 1. Open a browser on a computer where a hard lock key is installed.
- 2. Input the following into browser address line http://localhost:1947. The **Sentinel Admin Control Center** window opens.



Fig. 1. Sentinel Admin Control Center

3. [optional] To obtain information about installed local hard lock keys, click **Sentinel Keys**. The table containing detailed information about hard lock keys opens.

afeNet					Se	entinel	Adm	in Co	ntrol	Cente
otions	Sentinel Ke	ys Ava	ilable on							
ntinel Keys	# Location	Vendor	Key ID	Кеу Туре		Configuration	Version	Sessions	Actions	
oducts	1 ACTIVATOR	81081	177227722	HASP HL Net 50	1		3.25	75	Browse	Net Features
atures	2 LOCKER	81081	439263926	HASP HL Net 50	1	-	3.25		Browse	Net Features
ssions	3 SVETA	81081	136336334	Sentinel HL Net 10	1	HASP	4.27		Browse	Net Features
nfiguration ignostics lp out										

Fig. 2. Local Hard Lock Keys

- 4. Click **Configuration**. The **Basic Settings** tab of the **Configuration for Sentinel License Manager** window opens.
- 5. Select the Access to Remote License Managers tab.

SafeNet			Sent	inel Admin C	ontrol Cen
Dotions	Configuration for Sentinel License M	lanager on			
Sentinel Keys Products	Basic Settings Users Access to R	emote License Managers	Access from Remote Clients	Detachable Licenses	Network
eatures	Allow Access to Remote Licenses	You may exp	perience a delay of a few minutes before y	our changes take effect.	
sessions	Broadcast Search for Remote Licenses				
Jpdate/Attach	Aggressive Search for Remote Licenses				
Access Log Configuration Diagnostics Help About		ULL FULL			
		Submit Cancel	Set Defaults		4
xe Languages					

Fig. 3. Access configuration to remote license managers

- 6. Make sure that the Allow Access to Remote Licenses checkbox is set on.
- 7. Clear the **Broadcast Search for Remote Licenses** checkbox to turn off broadcast keys search.
- 8. Clear the Aggressive Search for Remote Licenses checkbox.
- 9. In the **Remote License Search Parameters** field input a computer network name (activator in the given example) where the hard lock key is installed.
- 10. Click the **Submit** button.



Settings save operation could take a few minutes.

11. Click **Sentinel Keys**. The table containing the hard lock key on the selected computer is displayed.

afenet						Sentine	a Admin Control Ce	'n	
otions	Sentinel Keys Available on								
ntinel Keys oducts atures	# Location 1 ACTIVATOR	Vendor 45081	Key ID 177227722	Key Type HASP HL Net 50	Configuration	Version 3.25	Sessions Actions 75 Browse Net Features		
ssions date/Attach									
cess Log nfiguration ignostics									
p out									
Languages									

Fig. 4. Hard Lock Key on selected computer

- 12. Create the PhConsts50.dll.host file. Open the file in any text editor and input computer network name to the last row (activator in the given example).
- 13. Put the PhConsts50.dll.host file to PHOTOMOD_6_x64 installation folder.
- 14. Create the nethasp.ini file. Input the following data using any text editor:

 \mathcal{I}_{\exists} Input computer network name to the last row (activator in the given example).

[NH_COMMON]

NH_TCPIP=Enabled

NH_IPX=Disabled

[NH_TCPIP]

NH_SESSION=8

NH_SEND_RCV=4

NH_TCPIP_METHOD=TCP

NH_USE_BROADCAST=Disabled

NH_SERVER_ADDR=ACTIVATOR

🧾 nethasp — Блокнот	
Файл Правка Формат Вид Справка	
[NH_COMMON] NH_TCPIP=Enabled	^
NH_IPX=Disabled [NH_TCPIP]	
NH_SESSION=8 NH_SEND_RCV=4	
NH_TCPIP_METHOD=TCP NH_USE_BROADCAST=Disabled	
NH_SERVER_ADDR=ACTIVATOR	
	-
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Fig. 5. Example of nethasp.ini file

15. Put the nethasp.ini file into Windows system folder (C:\Windows).