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### GENERAL STEPS TO INSTALL METSIM® WITH A SOFTWARE KEY

- 1. Install METSIM<sup>®</sup> on user computer(s)
- 2. Install key (see procedure below)
  - a. on user computer, or
  - b. on separate license computer/server, connected to the network
- 3. Run METSIM<sup>®</sup> on user computer(s)
  - a. METSIM<sup>®</sup> will detect installed local licenses automatically, as well as network licenses on most network configurations
  - b. In case of issues with network licenses, refer to section "Accessing Key Configuration Settings" below



# ONLINE ACTIVATION OF METSIM<sup>®</sup> SOFTWARE KEYS - RECOMMENDED

This is the simplest procedure for installation of keys, directly on a computer with access to the internet.

- 1. Download the latest version METSIM<sup>®</sup> from *www.metsim.com/pub/METSIMLATEST.zip*
- 2. Run METSIMvvvvv.exe with Administrator Privileges
  - If METSIM<sup>®</sup> is not installed directly to the C/METSIM drive, update the C/Windows/METSIM.ini file, line 2, and enter the new workspace file path
  - After installation of all necessary files and drivers, a prompt to restart the computer will appear – the computer should always be restarted following installation and before moving on to step 3
- 3. To ensure the Sentinel Admin Control Center is set up correctly, follow the steps below:
  - Enter http://localhost:1947\_into the web browser. Click Configuration then click on the Network tab. Scroll down to the EMS URL and ensure each URL begins with https.

**Note:** the previous installer does not have the 's' on https.

• Ensure both of these URL's are present and typed correctly.

- Lastly, Cookies and cache may have to be deleted if using browsers where METSIM<sup>®</sup> has previously been installed.
- 4. Visit the Metsim International key servers and enter the following URL into the web browser:

https://activate.metsim.com/ems/customerLogin.html

The following window opens:

EMS URL



## Sentinel LDK-EMS

ntitlement Manag	jement System
------------------	---------------

Customer Portal Login	License Update
Product Key: PASTE PRODUCT KEY	CODE HERE
© 2021 Thales Group. All Rights Reserved English Italiano Русский Français 中文 D	

- 5. In the Customer Portal Login tab, enter the Product Key code where prompted this was emailed to the company contact at the time of license issuance and click login.
- 6. Click Online Activation button located near the top-right portion of the screen.

Sentinel LDK-EMS         Product Key:         Product Key:       Image: Customer       MSI       E-mail:       info@metsim.com       Office         Name:       -       E-mail:       -	Welcome   Logout   Help		
Product Key :			Online Activation Offline Activation
Product Key:			
	MSI	E-mail:	info@metsim.com
		E-mail:	-
Activations:	1		1
Previous Activations:	0	Enabled:	true
Products		Lock Type	
> METSIM Network	k	HL or SL (AdminMode or UserMode)	

Note: Ensure Remaining Activations does not have a 0.

- 7. Click Activate (if) a key activation window pops up.
- 8. A confirmation message in green will appear after the key has been successfully activated and installed.

entinel LDK			
Product Key :			
	Ac	tivation installed successfully for keyld	
Product Key:			
Customer Name:	MSI	E-mail:	infoau@metsim.c
Channel Partner:	27	E-mail:	<b>1</b> 3
Activations:	1	Remaining Activations:	0
Previous Activations:	1 View	Enabled	true
Products		Lock Type	
> METSIM Trial (T		HL or SL (AdminMode or UserMode)	)

- 9. Restart the computer
- 10. Load METSIM® from either the Start menu or from the Desktop icon (if created)
- 11. If METSIM<sup>®</sup> does not load, see the section below, *ACCESSING SOFTWARE KEY CONFIGURATION AND SETTINGS*.



#### OFFLINE ACTIVATION OF METSIM® SOFTWARE KEYS

In case the license key is installed on a computer without direct internet access (offline computer), it can be activated from another computer (online computer). This procedure can also be used if the browser-based procedure above is restricted.

- 1. Download METSIM<sup>®</sup> from www.metsim.com/pub/METSIMLATEST.zip with online computer Name Type Compressed size Password ... Size Ratio METSIM Software Keys Adobe Acrobat Document 729 KB No 827 KB 12% METSIM USB Key Installation Adobe Acrobat Document 90 KB No 99 KB 10% METSIM202109 Application 62,289 KB No 62,296 KB 1%
- 2. Run METSIMvvvvv.exe with Administrator Privileges on offline computer
  - If METSIM<sup>®</sup> is not installed directly on the C/METSIM drive, update the C/Windows/METSIM.ini file, line 2, and enter the new workspace file path

Comp	ressed (zipped) Folders	×
	This application may depend on other compressed files in this folder.	
	For the application to run properly, it is recommende that you first extract all files.	ed
	Extract all Run Cancel	

 After installation of all necessary files and drivers, a prompt to restart the computer will appear – the computer should always be restarted following installation and before moving on to step 3

🛃 Setup - METSIM	dditional Tasks additional tasks should be performed? he additional tasks you would like Setup to perform while installing METSIM, dk Next. hal shortcuts: eate a desktop shortcut		
Select Additional Tasks Which additional tasks should be performed?			
Select the additional tasks you would like Setup to perform then click Next.	while installing N	METSIM,	
Additional shortcuts:			
Create a desktop shortcut			
☑ Restart			
< Back	Next >	Ca	ancel

3. Visit the Metsim International key servers and enter the following URL into the web browser:

https://activate.metsim.com/ems/customerLogin.html



The following window opens:

Sentinel LDK-EMS Entitlement Management System	
Customer Portal Login	License Update
Product Key: PASTE PRODUCT KEY	CODE HERE
© 2021 Thales Group. All Rights Reserved English Italiano Русский Français 中文 D	· · · · ·

- 4. Enter the Product Key code where prompted this was emailed to the company contact at the time of license issuance
  - Click Offline Activation button located near the top-right portion of the screen; a
    prompt will appear within the Generate License window for the download of the
    RUS Tool click the RUS link to start this download

Product Key :			Online Activation Offline Activatio
Product Key:			
Customer Name:	MSI	E-mail:	info@metsim.c
Channel Partner:		E-mail:	
Activations:	1	Remaining Activations:	1
Previous Activations:	0	Enabled:	true
Products		Lock Type	

5. Run the RUS\_RQEKK.exe file with Administrator Privileges on the offline computer



Generate License	2	Θ×
Order Details		
Order Details Product Key: Customer: Activations: Ref ID 1: Entitiement Comments: Products:	MSI E-mail: 1 Remaining Activations: 4014 Ref ID 2:	info@metsim.com 1
Products:	Product METSIM Network (Station) Download RUS, a tool to generate C	Lock Type HL or SL (AdminMode or UserMode) 2V
Upload C2V	•	
		Generate Cancel

 Select Installation of new protection key and click Collect Information button. Note: If METSIM<sup>®</sup> has been previously downloaded then "Update of existing protection key" may be selected. The computer fingerprint will be collected and a C2V file will be generated – save this file to the computer in any drive and provide a recognizable file name

🦻 RUS			-	
Collect Status Information	Apply License File	Transfer License		
Collect information from this	computer to enable:			 
Update of existing protein				
<ul> <li>Installation of new prote</li> </ul>	ction key			
Collect Information				



🦑 Save Key Status A	5						$\times$
$\leftrightarrow \rightarrow \cdot \uparrow$	> This PC > Documents > _Archive			ر ق v	Search _Arch	nive	
Organize 👻 Ne	ew folder						?
Pictures	^ Name	Status	Date modified	Туре	Size		
💻 This PC 🧊 3D Objects	Custom Office Templates	0	9/14/2021 11:35 AM	File folder			
Desktop							
🗄 Documents							
👆 Downloads							
Music							
Pictures							
🚟 Videos							
🔛 Windows (C:)	)						
🧼 Network	v						
File name:	202201061206						~
Save as type:	Update receipt file (*.c2v)						~
∧ Hide Folders					Save	Cancel	

- 6. Returning to the Generate License window with the online computer, upload the newly generated C2V file using the button with the three dots located next to the field labeled *Upload C2V*:
  - Click Generate button at bottom of the Generate License window; now a V2C file is

generated.

			-
Product Key:			
Customer:	MSI	E-mail:	info@metsim.com
Activations:	1	Remaining Activations:	1
Ref ID 1: Entitlement Comments:	4014	Ref ID 2:	
Products:	Product		Lock Type
	METSIN	Network (Station)	HL or SL (AdminMode or UserMode)
	Downlo	ad RUS, a tool to generate C2V	
Jpload C2V			
Upload C2V:		3_202201061206.c2v	🖛
Comments:			

• Download this file then save to the computer (can save to any location: desktop, documents, etc).



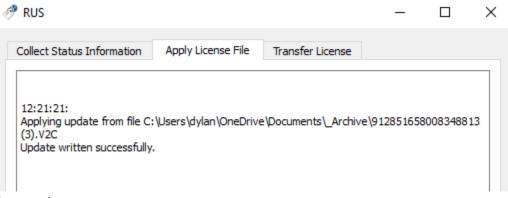
Generate License					0 X
Successfully general	ted the V2C/EXE		ut cannot send an e-ma emailing the file if requir		specified recipients. Consider
Order Details			and ing the line in requir	о <b>ч</b> .	
Pro do ad Maria					
Product Key: Customer:	MSI	E-mai		into Omotoim	0.077
Activations:	1	Rema		info@metsim 0	.com
	-	Activa		-	
Ref ID 1:	4014	Ref ID	2:		
Entitlement Comments:					
Products:	-				
	Product			Lock Type	
	METSIM	Network (	Station)	HL or SL (Admi	nMode or UserMode)
	Downloa	ad RUS, a t	ool to generate C2V		
Activation Details					
Key ID	Lock Typ	9	Activation Date	Comments	Download
	SL-Admir	Mode	2022-01-06		V2C File
				Download	d File
					Close

7. Finally, returning to the RUS tool on the offline computer, navigate to the second tab labeled *Apply License File*; using the button with the three dots (located next to the field labeled Update File), navigate to the newly generated V2C file and then click *Apply Update* button at bottom of the RUS tool window; a prompt will appear within the RUS window noting that the license has been applied/installed *Upload C2V*:



Collect Status Information Apply License File Transfer License	🤊 RUS			_		$\times$
	Collect Status Information	Apply License File	Transfer License			
		T T				
					I	
					V	
Apply Lindate	Update File sers\dylan\OneD	rive\Documents\_Arch	ive)			
Apply opdate	Apply Update					

• Verify the license has been applied successfully as shown in the screenshot below.



- 8. Restart the computer
- 9. Load METSIM® from either the Start menu or from the Desktop icon (if created)
- 10. If METSIM<sup>®</sup> does not load, see the section below, *ACCESSING SOFTWARE KEY CONFIGURATION AND SETTINGS*.



## TRANSFER OF METSIM® SOFTWARE KEYS

Follow the steps below to transfer the METSIM<sup>®</sup> software key from one computer or server to another computer or server.

1. Visit the Metsim International key servers and enter the following URL into the web browser:

https://activate.metsim.com/ems/customerLogin.html

The following window opens:

Sentinel L Entitlement Mana		
Customer Portal L	ogin	License Update
Product Key:	PASTE PRODUCT KEY	CODE HERE
	ıp. All Rights Reserved сский Francais 中文 D	. Support eutsch Español 日本語

- 2. Enter the Product Key code where prompted this was emailed to the company contact at the time of license issuance
  - a. Click the link View located next to the Previous Activations section
  - b. Click the link to Download the *RUS* Tool
- 3. Run the RUS\_RQEKK.exe file with Administrator Privileges on the computer where the key is installed
- 4. Open the third tab in the RUS tool titled Transfer License
- 5. Follow all steps included on the Transfer License tab on both the current and future computer or server locations. See below



RUS					—	[		>
Collect Status Informat		bly License File	Transfer Lic					
transfer (rehost) a lice nputers. On each com								ep.
Collect information ab	oout the rec	ipient computer						
Step 1: On the compo collect and save infor				nse (th	e "recipier	nt comp	outer")	,
Save recipient inform	nation to							
				Collec	t and Sa	/e Infor	rmatior	1
Generate the license Step 2: On the compu the license to transfe	uter that cu	rrently contains						
Step 2: On the comp	uter that cu	rrently contains recipient inform						7
Step 2: On the compu- the license to transfe	uter that cu er, read the Key ID	rrently contains recipient inform	ation file and ge	enerate	a license	transfe		
Step 2: On the compute the license to transfe Key Type SL-AdminMod	uter that cu er, read the Key ID	rrently contains recipient inform	Products METSIM Ne	enerate	a license	transfe		
Step 2: On the compute the license to transfe Key Type SL-AdminMod	ter that cuer, read the Key IE Key IE de	rrently contains recipient inform	Products METSIM Ne	enerate	a license	transfe		
Step 2: On the compo the license to transfe Key Type SL-AdminMod	ter that cuer, read the solution of the soluti	rrently contains recipient inform	Products METSIM Ne	enerate	a license	transfe	er file.	

- 6. After following all the steps above, click on the **Generate License Transfer File** button and a h2h file is generated e.g Transfer.h2h. Copy this file to the recipient computer where the license is to be transferred and then run the RUS\_RQEKK.exe file with Administrator Privileges.
- 7. When the RUS tool opens, click on the Apply License File tab.



RUS				
Collect Status Information	Apply License File	Transfer License		

8. Upload the file to transfer e.g. Transfer.h2h

Collect Status Information	Apply License File	Transfer License		
Rehosted Lie source_host KevinPreda recipient_hostlaptop-2k8j rehost_time Mon Mar 21 vendor 32832 vendor_id 32832 hasp_id	tor itiuc			
Jpdate File C:\Users\ozmet	Desktop\Transfer.h2h	20		

9. Click the Apply Update file to apply the license to the computer.



#### ACCESSING SOFTWARE KEY CONFIGURATION AND SETTINGS

To check or troubleshoot access to keys installed locally or on the network, use the following procedure.

1. On the server, or the local computer, where the software key is activated and installed, enter the following into any web browser: <a href="http://localhost:1947">http://localhost:1947</a>

The following should appear (if it does not appear, install METSIM® first):

$\leftrightarrow$ $\rightarrow$ C (i) localhost:	1947/_int_/ACC_help_index.html	Q	ß	*	*		D
Sentinel <b>Admin</b>	Control Center					(	🕑 Hel
	Admin Control Center Help						
Sentinel Keys	Welcome to the Admin Control Center. This application enables you to manage access to software licenses and Features, to control detachable licenses, to control sessions Note: You can select the language in which Admin Control Center is displayed from the bottom of the Options pane.	, and to o	tiagnos	e probl	lems.		
Products	> The Admin Control Center enables you to monitor the following:						
Features	<ul> <li>All the Sentinel protection keys that are currently available on the network server, including their identity, type, and location</li> <li>The number of users currently logged in to a protection key, and the maximum number of users allowed to be simultaneously logged into that specific key</li> <li>The Features twhich each protection key allows access, and any restrictions that apply to the Feature</li> <li>The users who are currently logged into a protection key, they, including detailed login information</li> </ul>						
Sessions	Note: SL UserMode keys are only displayed for the local (Windows) machine. SL UserMode keys are not displayed when the configuration parameter Do Not Load haspin	v.exe is	selected	d.			
0033013	> You can perform actions, such as:						
Update/Attach	Detaching a license from the network and attaching it to your machine or a different recipient machine     cancelling a detachable license prematurely     Installing an update to a license on a key that is visible in Admin Control Center						
Access Log	> You can implement and manage cloud licensing.						
	You can make basic configuration changes, including:						
Configuration	<ul> <li>Setting the display refresh time</li> <li>Configuring access permissions from a client machine to a remote server, and configuring a server to allow it to be remotely accessed</li> <li>Defining values for Products with detachable licenses</li> </ul>						
Diagnostics	> The Diagnostics page enables you to view system information related to the current Sentinel License Manager, and to generate reports.						
	Retard Topics Security Considerations Cloud Licansing Detaching Licenses - Overview Sentinel Keys Products Features Sessions Update/Attach Access Lop Configuration Diagnostics						

2. To check which Sentinel keys are installed on this server or computer, click the Sentinel Keys link under the Options menu. METSIM<sup>®</sup> keys are those with the Vendor Code 32832.

Sentinel Admin (	ientinel Admin Control Center								
	Sentine	I Keys I	lost Name: laptop-mq08lme0						
Sentinel Keys									
	Location	Vendor	Key ID	Кеу Туре		Configuration	Version	Sessions	Actions
Products	Local	32832 (32832)	581217598223403788	HASP SL AdminMode Rehostable			8.41		Products Features Sessions Certificates 🛓 C2V

3. To view current *Sessions*, i.e. which users on the network are currently accessing the key and therefore consuming available licenses, click the Sessions link under the Options.



4. For connectivity issues, click the Configuration link under the Options, the following will appear:

Sentinel <b>Admin</b> (	Control Center	
	Configuration Host Name: lap	top-mq08lme0
Sentinel Keys	Basic Settings Users	Access to Remote License Managers Access from Remote Clients Client Identities Detachable Licenses Network
Products	Machine Name	laptop-mq08ime0
Features	Allow Remote Access to ACC	Disabled     Uritips
Sessions	Allow Remote Access to Admin API	OHTP Bisabled OHTPS
Update/Attach Access Log	Password Protection	OHTTP © Configuration Pages Set Password
Configuration	Display Refresh Time (sec.)	All ACC Pages
Diagnostics	Table Rows per Page	12@ 720@
°	Write an Access Log File	Size Limit (KB): 0 @ Edit Log Parameters
	Include Local Requests	Size Limit (Kb).
	Include Remote Requests	
	Include Administration Requests	
	Write an Error Log File	Size Limit (KB): 0

Across the top of this window are the tabs Basic Settings, Users, Access to Remote License Managers, Access from Remote Clients, Client Identities, Detachable Licenses, and Network. All METSIM<sup>®</sup> keys are defaulted to allow communication across the local area network (LAN) as well as access to remote users; however, depending on the security settings of the server or network, these options may be disabled.

- 5. Closely check each of the tabs described in #4 immediately above and ensure that no restrictions have been applied or that any of the communication settings have been disabled. Upon doing so, close any running instances of METSIM® on the server or end-user computers as well as the Sentinel Admin Control Center; then reload METSIM® and the new settings will activate.
- 6. Finally, ensure that the Sentinel LDK License Manager is running in the *Services* for the server and/or all end-user computers.



Services (Local)	O Services (Local)						
	Sentinel LDK License Manager	Name	Description	Status	Startup Type	Log On As	
		RPC Endpoint Mapper	Resolves RPC interfaces identifiers to transport e	Running	Automatic	Network Se	
	Stop the service	Secondary Logon	Enables starting processes under alternate crede		Manual	Local System	
	Restart the service	Secure Socket Tunneling Protocol Service	Provides support for the Secure Socket Tunneling	Running	Manual	Local Service	
		Security Accounts Manager	The startup of this service signals other services t	Running	Automatic	Local System	
	Description:	Security Center	The WSCSVC (Windows Security Center) service	Running	Automatic (De	Local Service	
	Manages licenses secured by Sentinel	Sensor Data Service	Delivers data from a variety of sensors		Manual (Trigg	Local System	
	LDK.	Sensor Monitoring Service	Monitors various sensors in order to expose dat	Running	Manual (Trigg	Local Service	
		Sensor Service	A service for sensors that manages different sens	Running	Manual (Trigg	Local System	
		Sentinel EMS Service	Apache Tomcat 8.5.34 Server - https://tomcat.apa	Running	Automatic	Local System	
		Sentinel LDK License Manager	Manages licenses secured by Sentinel LDK.	Running	Automatic	Local System	
		🖏 Server	Supports file, print, and named-pipe sharing over	Running	Automatic (Tri	Local System	
		🖏 Shared PC Account Manager	Manages profiles and accounts on a SharedPC co		Disabled	Local System	
		🦚 Shell Hardware Detection	Provides notifications for AutoPlay hardware eve	Running	Automatic	Local System	
		Smart Card	Manages access to smart cards read by this com		Manual (Trigg	Local Service	
		Smart Card Device Enumeration Service	Creates software device nodes for all smart card		Manual (Trigg	Local System	
		Smart Card Removal Policy	Allows the system to be configured to lock the u		Manual	Local System	
		SNMP Trap	Receives trap messages generated by local or re		Manual	Local Service	
		Software Protection	Enables the download, installation and enforcem		Automatic (De	Network Se	
		Spatial Data Service	This service is used for Spatial Perception scenari		Manual	Local Service	
		🖏 Spot Verifier	Verifies potential file system corruptions.		Manual (Trigg	Local System	
		SQL Server (EMSDATABASE)	Provides storage, processing and controlled acce	Running	Automatic	Network Se	
		🧟 SQL Server Agent (EMSDATABASE)	Executes jobs, monitors SQL Server, fires alerts, a		Disabled	Network Se	
		SQL Server Browser	Provides SQL Server connection information to cl	Running	Automatic	Local Service	
		SQL Server VSS Writer	Provides the interface to backup/restore Microso	Running	Automatic	Local System	
		SSDP Discovery	Discovers networked devices and services that us	Running	Automatic	Local Service	
		State Repository Service	Provides required infrastructure support for the a	Running	Manual	Local System	
		Still Image Acquisition Events	Launches applications associated with still image		Manual	Local System	

FOR ANY QUERIES REGARDING THE ACTIVATION OR CONFIGURATION SETTINGS OF METSIM® SOFTWARE KEYS, PLEASE EMAIL US AT dylan@metsim.com.



## ACCESSING SOFTWARE KEYS ACROSS MUTLIPLE SUBNETS

- 1. Ensure that METSIM<sup>®</sup> and the software key are installed on a server within the organization following the steps outlined above.
- 2. Ensure that METSIM<sup>®</sup> is installed on the end-user computer following the steps outlined above. Also, confirm that the end-user computer is connected to the organization's network, either through local area network or wide area network access.
- 3. Open the ports 8080 and 1947 for both sending and receiving information.
- 4. On the end-user computer, access the *Sentinel Admin Control Center* by visiting localhost:1947 in a web browser.

Thales Sentinel ACC: Help	× +				1	/ -	- 0	×
← → C ③ localho	sst:1947/_int_/ACC_help_index.html		₿ ☆	.0	æ	٦.	*	
Sentinel <b>Adr</b>	nin Control Center						0	Help
	Admin Control Center Help							
Sentinel Keys	Welcome to the Admin Control Center. This application enables you to manage access to software licenses and Features, to control detach Note: You can select the language in which Admin Control Center is displayed from the bottom of the <b>Options</b> pane.	able licenses, to control session	ns, and to	diagno	se prob	ems.		
Products	<ul> <li>The Admin Control Center enables you to monitor the following:</li> <li>All the Sentinel protection keys that are currently available on the network server, including their identity, type, and location</li> </ul>							
Features	The number of users currently logged in to a protection key, and the maximum number of users allowed to be simultaneously logged     The Features to which each protection key allows access, and any restrictions that apply to the Feature     The users who are currently logged into a specific protection key, including detailed login information	into that specific key						
Sessions	Note: SL UserMode keys are only displayed for the local (Windows) machine. SL UserMode keys are not displayed when the configuration > You can perform actions, such as:	parameter Do Not Load haspl	mv.exe is	selecti	ed.			
Update/Attach	Detaching a license from the network and attaching it to your machine or a different recipient machine     Cancelling a detachable license persensurely     Installing an update to a license on a kay that is visible in Admin Control Center							
Access Log	<ul> <li>You can implement and manage cloud licensing.</li> <li>You can make basic configuration changes, including:</li> </ul>							
Configuration	<ul> <li>Setting the display refresh time</li> <li>Configuring access permissions from a client machine to a remote server, and configuring a server to allow it to be remotely accesse</li> <li>Defining values for Poducts with detachable licenses</li> </ul>	d						
Diagnostics	> The Diagnostics page enables you to view system information related to the current Sentinel License Manager, and to generate reports.							
	Related Topics Security Considerations Cloud Licensing Detacting Licenses - Overview Benting Licenses - Overview Products Products Sessions Update/Attach Access Log							
	Configuration Diagnostics							
					-			

5. On the left-side menu, select Configuration and navigate to the Access to Remote License Managers tab.



Thales Sentinel ACC: Configuratio	+					~	- 6	9 ×
$\leftarrow$ $\rightarrow$ C (I) localhost:1947	/_int_/config_to.html				ic 🛧 💷	🕼 📕	<b>*</b> 3	A :
Sentinel Admin (	Control Center						e	Help
	Configuration Host Name: des	ktop-t29j21g						
Sentinel Keys	Basic Settings Users	Access to Remote License Managers	Access from Remote Clients	Client Identities	Detachable Licenses	Netwo	ork	
Products	Allow Access to Remote Licenses		ce a delay of a few minutes before your c	changes take effect.				
Features	Broadcast Search for Remote License Remote License Search Parameters	<server name=""></server>						11
Sessions		<server <u="">lp address&gt;</server>						
Update/Attach								
Access Log								4
Configuration		Submit Cancel	Set Defaults					
Diagnostics								- 1
	© 2021 Thales Group. All Rights Reserve	d. English Deutsch	Español Français Italiano 日本語	Русский 中文	F	Run-time Insta	aller 8.31.12	3608.1

- 6. Ensure that the boxes for Allow Access to Remote License and Broadcast Search for Remote Licenses are checked. Then, in the large text box next to Remote License Search Parameters, enter the server name and/or IP address where the software key is installed; then click Submit.
- 7. If the key is properly located across the network, it will appear on the end-user computer's Sentinel Admin Control Center when clicking the Sentinel Keys selection on the left-side menu (vendor code 32832).



	Control	Cent	ei									Help
	Sentine	Keys ⊦	lost Name: desktop-t29j21g									
entinel Keys												
	Location	Vendor	Key ID	Key Type	Configuration	Version	Sessions	Actions				
roducts	Local	32832 (32832)	312748941825885821	HASP SL AdminMode Rehostable Inactive		-		Certificates				
eatures	Local	32832 (32832)	934780273178247971	HASP SL AdminMode Rehostable		8.32		Products Features Ses	sions	es 🛓 C2	V	
essions	Local	32832 (32832)	307805871255035720	HASP SL UserMode Rehostable		-		Features 🛓 C2V				
pdate/Attach												
ccess Log												
U U												
onfiguration												
iagnostics												

8. Load METSIM<sup>®</sup> on the end-user computer. If the key is not found, ensure the necessary ports are open (#3 above) and that the server and computer are connected to the organization's network. All these being true, ensure that there are available licenses to access by clicking the Sentinel Keys (left-side menu) and check the Sessions column; all keys have a limited number of concurrent users, so if METSIM<sup>®</sup> is loaded on either the server or any other end-user computer, it may be occupying the available license which will block any additional instances. Ensure all instances of METSIM<sup>®</sup> are closed on these other network computers and attempt to load again.