

TBC Aktivierungsmethoden

Version 1.0





Alle Arbeiten sind auf dem PC/Server durchzuführen, auf dem die Lizenz/Dongle installiert ist.

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C2V-Datei erstellen bei einem PC/Server mit bekannter Lizenz

1. <u>http://localhost:1947</u> im Browser öffnen



2. Configuration(Menü links) wählen

Sentinel Ad	min Control Center				
	Configuration Host Name: tob	ias-win10			
Sentinel Keys	Basic Settings Users	Access to Remote License Managers	Access from Remote Clients	Client Identities	Deta
Products	Machine Name	tobias-win10			
Features	Allow Remote Access to ACC	Disabled HTTPS			
Sessions		OHTTP			
Update/Attach	Allow Remote Access to Admin API	Disabled HTTPS HTTP			
Access Log	Password Protection	Configuration Page All ACC Pages	25	Set Password	
Configuration	Display Refresh Time (sec.)	3			
Diagnostics	Table Rows per Page	12	0		
	Idle Timeout of Session	730			





3. Unter dem Reiter "Basic Settings" den Menüpunkt "Generate C2V file for HASP key" auf "Enabled" steht. Dieser Haken muss gesetzt sein, um von einer Dongle-Lizenz die C2V-Datei zu erhalten. Mit "Submit" die Einstellungen bestätigen

Thales Sentinel ACC	Help X Acc Thales Sentinel ACC:	: Configuratic 🗙	+					-	D	×
$\leftarrow \rightarrow$ C ()	localhost:1947/_int_/config.html					AN tê	۲€	Ē		
Sentinel Keys	Basic Settings Users	Access to Rem	ote License Managers	Access from Remote Clie	nts	Client Id	entities		Detacha	ble Li
Products	Disto containing of the control of t									
Troducts	Machine Name		tobias-win10)					
Features	Allow Remote Access to ACC									
			OHTTPS							
Sessions			OHTTP							
	Allow Remote Access to Admin API		Disabled							
Update/Attach										
Accession	Descurred Dratestian		Onlip Do r v D		6	ot Daceword				
Accoss Log	Fassword Frotection		O All ACC Pages	ges		strassword				
Configuration			·							
	Display Refresh Time (sec.)		3]					
Diagnostics	Table Rows per Page		12		0					
	Idle Timeout of Session		720		0					
	Write an Access Log File		Size Limit (KB):	0	1 Ed	lit Log Paramet	ers			
	Include Local Requests									
	Include Remote Requests									
	Include Administration Requests									
	Write an Error Log File		Size Limit (KB):	0	0					
	Write Log Files Daily									
	Days Before Compressing Log Files		0		0					
	Days Before Deleting Log Files		0		0					
	Days Before Deleting Old Files		90		0					
	Write a Process ID (.pid) File									
<	Generate C2V file for HASP key		Enable this option	n only if recommended by your	software	e vendor.				
	Do not load haspimv.exe		Note: SL UserMo	de keys will not be visible if this	option i	is selected.				
			Submit	Cancel Set Defaults						
						_				-

4. In den Menüpunkt "Sentinel Keys" wechseln

□ I Males Sentinel ACC: Help	× Acc	Thales S	entinel ACC: Sentinel Key 🗙	+					A%	5.00	<u>~</u> =	-	•	×
Sentinel Admin C	ontro	l Cer	nter								v		@ H	1elp
	Sentine	el Keys	6 Host Name: tobias-win1	0										
Sentinel Keys	Location	Vendor	Key ID	Кеу Туре		Configuratio	n Version	Sessions	Actions					
Products	Local	91463 (91463)	1136395343817482458	HASP SL Legacy	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		8.23		Products	Featu	res Ses	sions		1
Features														
Sessions														
Update/Attach														
Access Log														
Configuration														
Diagnostics														
	© 2021 Tha	les Group.	All Rights Reserved.	Englis /Deutsch	Español	Français Ital	日 iano本	усский ф		R	un-time Ir	nstaller 8.	23.1193	28.1



5. Hinter der gewünschten Lizenz die "C2V"-Schaltfläche drücken. -> Es wird lokal auf dem PC/Server die C2V-Datei gespeichert.

Thales Sentinel ACC: Help	× Thales Sentinel ACC: Sentinel Key × +			-		
\leftarrow $ ightarrow$ $ m G$ (i) localho	st:1947/_int_/devices.html		A" to	ζ≡ ⊕	• ••	
Sentinel Admin C	ontrol Center				? Help	^
	Sentinel Keys Host Name: tobias-win10					l
Sentinel Keys	Location Vendor Key ID Key Type	Configuration Version Session	s Actions			l
Products	Local 91,663 (91,663) 1136395343817482458 HASP SL Legacy	8.23	Products Feat	ures Sessions	C2V	
Features						
Sessions						
Update/Attach						l
Access Log						
Configuration						l
Diagnostics						l
H 🎭 🖸 🐼 💽	🚍 💁 😁 🐖					



1.

Erstinstallation einer TBC-Lizenz via C2V-Datei

,NetworkLicenseUpgrade	XXX.exe" installieren
Trimble Network License Upd	ate - InstallShield Wizard
4	Installation wird vorbereitet
	Trimble Network License Update Setup bereitet den InstallShield Wizard vor, der Sie durch den Setup-Vorgang leiten wird. Bitte warten.
	Entpackung läuft: Trimble Network License Update.msi
	Abbrechen

- 2. NetworkLicenseUpgradeXXX starten -> Schaltfläche "HASP-Lizenz erstellen" drücken
- 3. NetworkLicenseUpgradeXXX schließen

4. http://localhost:1947 im Browser öffnen

Thales Sentinel ACC: Help	x 🚾 Thales Sentinel ACC: Help x +		-		×
\leftarrow $ ightarrow$ $ extbf{C}$ $ extbf{Acc}$ local	host:1947	হ⁄≡	Ē	۲	
Sentinel <mark>Admin</mark>	Control Center			⊘ H	lelp
	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 de licenses, to control sessions, and to diagnose problems.	etachab	le		
Products	Note: You can select the language in which Admin Control Center is displayed from the bottom of the Options pane. > The Admin Control Center enables you to monitor the following:				
Features	 All the Sentinel protection keys that are currently available on the network server, including their identity, type, and location The number of users currently logged in to a protection key, and the maximum number of users allowed to be simultaneously lo specific key The Features to which each protection key allows access, and any restrictions that apply to the Feature 	gged in	to that		
Sessions	The besits min are contently object into a specific protection key, including detailed objin intomation Note: SL UserMode keys are only displayed for the local (Windows) machine. SL UserMode keys are not displayed when the configure Do Not Load haspimv.exe is selected.	ation p a	arameter		
Update/Attach	> You can perform actions, such as:				
Access Log	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				
Configuration	> You can implement and manage cloud licensing.				
Diagnostics	 You can make basic configuration changes, including: Setting the display refresh time Configuring access permissions from a client machine to a remote server, and configuring a server to allow it to be remotely acc Defining values for Products with detachable licenses 	cessed			
	> The Diagnostics page enables you to view system information related to the current Sentinel License Manager, and to generate repo	rts.			
	Related Topics Security Considerations				*



5. Configuration(Menü links) wählen

Thales Sentinel AC	CC: Help × Thales Sentinel ACC: Confi	iguratic × +				-	0	×
\leftarrow \rightarrow C (localhost:1947/_int_/config.html			A" to	£≡	œ	۲	
Sentinel Adr	nin Control Center						⊙ H	elp
	Configuration Host Name: tobias-wi	in10						
Sentinel Keys	Basic Settings Users Acce	ess to Remote License Managers	Access from Remote Clients	Client Identi	ities)etachal	ale Li
Products	Machine Name	tobias-win10						
Features	Allow Remote Access to ACC	Disabled HTTPS						
Update/Attach	Allow Remote Access to Admin API	© Disabled O HTTPS O HTTP						
Access Log	Password Protection	Configuration Page O All ACC Pages	95	Set Password				
Configuration	Display Refresh Time (sec.)	3						
Diagnostics	Table Rows per Page	12	0					
	Idle Timeout of Session	720	0					
		_						÷
4								•

6. Unter dem Reiter "Basic Settings" den Menüpunkt "Generate C2V file for HASP key" auf "Enabled" steht. Dieser Haken muss gesetzt sein, um von einer Dongle-Lizenz die C2V-Datei zu erhalten. Mit "Submit" die Einstellungen bestätigen

Thales Sentinel ACC:	Help x Thales Sentinel ACC: Configuration x +		- 0 ×
\leftarrow \rightarrow G ()	localhost:1947/_int_/config.html		A to te 🕀 🙁 …
Sentinel Keys	Basic Settings Users Access to Remote I	icense Managers Access from Remote Clients	Client Identities Detachable L
Products	Machine Name	tobias-win10	
Features	Allow Remote Access to ACC	Disabled HTTPS	
Sessions		Онттр	
Update/Attach	Allow Remote Access to Admin API	® Disabled ○ HTTPS ○ HTTP	
Access Log	Password Protection	Configuration Pages All ACC Pages	et Password
Configuration		,	
	Display Refresh Time (sec.)	3	
Diagnostics	Table Rows per Page	12	
	Idle Timeout of Session	720	
	Write an Access Log File	Size Limit (KB): 0	dit Log Parameters
	Include Local Requests		
	Include Remote Requests		
	Include Administration Requests		
	Write an Error Log File	Size Limit (KB): 0	
	Write Log Files Daily		
	Days Before Compressing Log Files	0	
	Days Before Deleting Log Files	0	
	Days Before Deleting Old Files	90	
	Write a Process ID (nid) File		
<	Generate C2V file for HASP key	Enable this option only if recommended by your software	e vendor.
	Do not load haspimv.exe	Note: SE Osenwode keys will not be visible if this option	is selected.
		Submit Cancel Set Defaults	·



7. In den Menüpunkt "Sentinel Keys" wechseln

Thales Sentinel ACC: Help	× •	Thales S	entinel ACC: Sentinel Key 🗙	+						A*	ĩa	<u>7</u> _=	-	•	×
Sentinel Admin Co	ontro	l Cer	nter											01	telp
	Sentine	əl Keys	6 Host Name: tobias-win1	0											
Sentinel Keys	Location	Vendor	Key ID	Key Type		Configuration	Version	Session	e Act	ions					. 1
Products	Local	91463 (91463)	1136395343817482458	HASP SL Legacy	₩-@	Comgutation	8.23	00001011	Pro	oducts C2V	Featu	ires Se	ssions		11
Features															
Sessions															
Update/Attach															
Access Log															
Configuration															
Diagnostics															
	© 2021 Tha	les Group.	All Rights Reserved.	EnglishDeutsch	Español	Français Italia		усский з	中 文		F	Run-time	Installer 8	.23.1193	28.1

8. Hinter der gewünschten Lizenz die "C2V"-Schaltfläche drücken. -> Es wird lokal auf dem PC/Server die C2V-Datei gespeichert.

Thales Sentinel ACC: Help	× Acc Thales Sentinel ACC: Sentinel Key ×	+					-		\times
\leftarrow $ ightarrow$ $ m G$ (i) localho	ost:1947/_int_/devices.html				A" (`	5⁄≡	Ē		
Sentinel <mark>Admin C</mark>	Control Center							(?) He	elp
	Sentinel Keys Host Name: tobias-win	10							
Sentinel Keys	Location Vendor Key ID	Кеу Туре	Configuration	Version Sessions	Actions				d
Products	Local 91463 (91463) 1136395343817482458	HASP SL Legacy 📻 @		8.23	Products Fea	tures Ses	sions	C2V	
Features									
Sessions									
Update/Attach									
Access Log									
Configuration									
Diagnostics									
H 😓 🛛 💀 💽	🗖 💀 😔 🐖								





V2C-Datei auf Server anwenden

1. C2V-Datei auf lokalem Laufwerk auf Server/PC mit Dongle speichern

2. im Browser öffnen

Thales Sentinel ACC: Help	x Males Sentinel ACC: Help x +	-	٥	×
	host:1947	œ	٢	
Sentinel <mark>Admin</mark>	Control Center		? H	1elp
	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 detachal licenses, to control sessions, and to diagnose problems.	ble		
Products	Note: You can select the language in which Admin Control Center is displayed from the bottom of the Options pane. > The Admin Control Center enables you to monitor the following:			
Features	 All the Sentinel protection keys that are currently available on the network server, including their identity, type, and location The number of users currently logged in to a protection key, and the maximum number of users allowed to be simultaneously logged it specific key The Features to which each protection key allows access, and any restrictions that apply to the Feature The users who are currently looged into a specific ortection key including detailed looin information 	nto that		
Sessions	Note: SL UserMode keys are only displayed for the local (Windows) machine. SL UserMode keys are not displayed when the configuration p Do Not Load hasplmv.exe is selected.	arameter		
Access Log	 You can perform actions, such as: Detaching a license from the network and attaching it to your machine or a different recipient machine Cancelling a detachable license prematurely Installing an undate to a license on a two that is visible in Admin Control Contor. 			
Configuration	 You can make bask configuration change, including: You can make bask configuration change, including: 			
Diagnostics	 Setting the display refresh time Configuring access permissions from a client machine to a remote server, and configuring a server to allow it to be remotely accessed Defining values for Products with detachable licenses 			
	> The Diagnostics page enables you to view system information related to the current Sentinel License Manager, and to generate reports. Related Topics			
	Security Considerations			*

3. Update/Attach(Menü links) wählen

Thales Sentinel AC	C: Help × Thales Sentinel ACC	C: Configuratic 🗙	+					-	0	×
\leftarrow \rightarrow C (localhost:1947/_int_/config.html				A٩	ŵ	£≡	Ð	۲	
Sentinel Adm	nin Control Center								9 F	felp
	Configuration Host Name: tob	ias-win10								
Sentinel Keys	Basic Settings Users	Access to Rem	note License Managers	Access from Remote Clients	; CI	ient Iden	tities		Detacha	ble Li
Products	Machine Name		tobias-win10							
Features Sessions	Allow Remote Access to ACC		Disabled HTTPS HTTP							
Update/Attach	Allow Remote Access to Admin API		Disabled HTTPS HTTP							
Access Log	Password Protection		Configuration Pag All ACC Pages	es	Set Passw	ord				
Configuration	Display Refresh Time (sec.)		3							
Diagnostics	Table Rows per Page		12	G)					
	Idle Timeout of Session		720							
4			_							+



4. Über die Schaltfläche "Select File…" die V2C-Datei suchen und auswählen

Thales Sentinel ACC: Upda	te/At: x +			-	0	×
\leftrightarrow \rightarrow C (i) local	host:1947/_int_/checkin.html A ^N {	ò	£≡	œ	٢	
Sentinel Admin	Control Center				1 9 H	elp
	Update/Attach License Host Name: toblas-win10					٦
Sentinel Keys	Select File:					
Products	File Format V2C, V2CP, H2R, R2H, H2H or ID file Apply File Cancel					
Features						
Sessions						
Update/Attach						
Access Log						
Configuration						
Diagnostics						
	© 2021 Thales Group. All Rights Reserved. English Deutsch Español Français Italiano 日本語 Русский 中文	Run	-time In	staller 8.	23.11932	8.1 -

5. Über "Apply File" die Lizenzdatei anwenden





Dongle via Code(19stellig) aktivieren

1. Prüfen, ob Dongle in PC steckt



2. TBC öffnen



3. Reiter "Support öffnen"





"Lizenzmanager" öffnen



4. "Aktualisieren" auswählen

Lizenzmanager					—		×
Lizenztyp: Unbefristet - Hardware V							
Funktionen:			_				
- Inaktive Funktionen			*	vvartun	igsablaur:		
Surface Modeling				23.04.	2020		0
Status	Ausleihe möglich?		Ε	Version	1:		
Garantie abgelaufen	Nein]		5.70 -	01.06.2022		
Field Data		-		Schlüss	selkennung:		
Status	Ausleihe möglich?			41310	796		
Garantie abgelaufen	Nein]			AL		
Mobile Mapping		-			Aktualisi	eren	
Status	Ausleihe möglich?				Austra		
Garantie abgelaufen	Nein]	•				
<u>Sentinel Admin Control Center</u> <u>Netzwerklizenz: Bitte beachten</u>	Leitfaden zur HA Leitfaden für die V	SP-Fehlerbehebung Verwendung i		OK	Abbrue	ch	Anwend



5. Seriennummer des Dongles prüfen und 19stelligen Code eintragen

Lizenz erweitern			\times
Wählen Sie den zu a	aktualisierenden S <u>c</u> hlü	issel aus:	
Schlüsselart	Schlüsselkennung	Enthält eine Lizenz	
HASP-HL	41310796	Ja	
HASP-SL	1136395343817	Nein	
Geben Sie den 19-ste	elligen <u>C</u> ode ein, den	Sie für das Upgrade erhalten haben:	

zenz erweitern			×				
Wählen Sie den zu a	ktualisierenden S <u>c</u> hlü	issel aus:	_				
Schlüsselart	Schlüsselkennung	Enthält eine Lizenz					
HASP-HL	41310796	Ja					
HASP-SL	1136395343817	Nein					
eben Sie den 19-stelligen <u>C</u> ode ein, den Sie für das Upgrade erhalten haben: 1234567890123456789							
		Aktualisieren Abbrue	ch				

→ Schaltfläche "Aktualisieren" auswählen