## Launching Admin Control Center

Admin Control Center is installed as part of the Sentinel LDK Run-time Environment installation process. Admin Control Center is launched by typing http://<machine\_name or ip\_address>:1947 in the address field of the browser. If you are accessing the Sentinel License Manager residing on your own machine, type <a href="http://localhost:1947">http://localhost:1947</a>.

## **Admin Control Center Interface**

When you launch Sentinel Admin Control Center, the Web interface displays a number of Administration Options on the left of the page. The Sentinel Admin Control Center help system provide information about the fields for each option. Note that the options relate to Sentinel License Manager on the machine whose name or IP address appears in the title bar of Admin Control Center.



The following options are available:

- Sentinel Keys enables you to identify which Sentinel protection keys are currently present on the network, including locally connected keys.
- **Products** enables you to view a list of all the Base Products available on all Sentinel License Managers (local and network).
- **Features** enables you to view a list of the Features that are licensed in each of the Sentinel protection keys that are currently present on the network, including locally connected keys. In addition, you can see the conditions of the license, and the current activity related to each Feature.

- **Sessions** lists all the sessions of clients on the local machine, and those remotely logged in to Sentinel License Manager on the local machine. You can view session data and terminate sessions.
- **Update/Attach** enables you to update existing licenses on a Sentinel protection key in the field.
- Access Log enables you to view a history of log entries for the server on which Sentinel License Manager is running.
- **Configuration** enables you to specify certain operating settings for Sentinel Admin Control Center running on the connected machine. You can set parameters relating to user access, access to remote Sentinel License Managers, and access from remote clients. In addition, you can customize log template files in terms of the data they return.
- **Diagnostics** enables you to view operating information for the Sentinel License Manager to which you are currently logged in, to assist in diagnosing problems. You can generate reports in HTML format. This option also enables you to view miscellaneous data relating to the use of the server on which Sentinel License Manager is running.
- **Help** displays the Sentinel Admin Control Center help system. Context-sensitive help is available within each of the functions described above, by clicking the **Help** link at the bottom of the page.
- **About** provides information about the version of Sentinel License Manager.
- **Country Flags** enables you to change the language of the user interface. Click the flag of the appropriate country for the language you require. Languages other than English can be downloaded within Admin Control Center from the Sentinel Web site.

# Sentinel Remote Update System

Connect the key you want to update to your computer before performing the following procedures.

1) Select the key you want to update and click on C2V (Client to Vendor) button.

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gemalto <sup>×</sup>		Sentinel Admin Control Center
Options	Sentinel Keys Available on Research	10
Sentinel Keys	# Location Vendor Key ID Key Type	Configuration Version Sessions Actions
Products Features	1 Local 34093 1058106813 Sentinel HL (34093) Pro	Driverless 4.54 • Products Features Sessions Blink on C2V
Sessions	Details for HL Pro (ID:1058106813) on Local Create	C2V file for this Sentinel Key.
Update/Attach	Key Hardware Version: 7.2 Sentinel License Manager Version: 22.0 Build 1.84341	
Access Log	Host: Research10 running Windows 10 Enterprise Build 17	134 (Intel64 Family 6 Model 63 Stepping 2)
Configuration		
Diagnostics		
Help		
About		

2) Click on Create C2V File button and save the file to your disk. Email the C2V file to us.

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$\leftarrow$	$\rightarrow$ 0 $rac{1}{2}$	) localhost 1947/_int_/devices.html
ç	jemalto <sup>×</sup>	Sentinel Admin Control Center
	Options	Create C2V file for Key 1058106813 (Vendor: 34093)
5       	Sentinel Keys Products Features Sessions Jodate/Attach	Generate a C2V file using this screen only if instructed by your software vendor You can create a C2V file for the selected Sentinel key here.           Create C2V File         Cancel           Create C2V file for this Sentinel Key.
	Access Log Configuration	
i i	Jiagnostics Help About	
http://k	ocalhost:1947/download/my.c2v	21058106813

We will email you a V2C (Vendor to Client) file containing the updated license.

- 3) To apply the V2C file:
  - a) Select Update/Attach from Options to the left of the page.
  - b) Click the **Browse** button to navigate to the V2C file that you want to apply. The File Upload dialog box is displayed.
  - c) Select the V2C file and click **Apply File**. The appropriate action for the file type is performed.

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gemalto <sup>×</sup>	Sentinel Admin Control Center
Options	Update/Attach License to Research10
Sentinel Keys	
Products	Apply the
Features	Select a V2C, V2CP, H2R, R2H, H2H, ALP or ID file:
Sessions	Browse
Update/Attach	Apply File Cancel
Access Log	The following file types can be applied:
Configuration	A V2C file contains a license update from your software vendor, or a firmware update for your Sentinel HL keys.
Diagnostics	A V2CP file contains license update package from your software vendor.
-	<ul> <li>An H2R file contains a detached license.</li> <li>An B2H file contains a cancelled detached license (to be re-attached to its original key)</li> </ul>
Help	An H2H file contains a rehosted protection key.
About	<ul> <li>An ID file contains the identifiers of the Sentinel License Manager on a remote machine (occasionally required for creating a detached license).</li> <li>An ALP file contains an Admin Control Center Language Pack.</li> </ul>
http://localhost:1947/_int_/checkin_file.	chtral

4) You should see the following if the update was successful.

Gemalto Sentinel ACC ← → ♡ ጬ 0	localhost 1947/_jint_/checkin_file.html	×
gemalto <sup>×</sup>	Sentinel Admin Control C	Center
Options Sentinel Keys	Attach/Update	
Products Features Sessions	Your update was applied successfully.	
Update/Attach Access Log	License Key with ID <u>1058106813</u> was updated. Click ID number link to display the Features list for this License Key.	
Configuration Diagnostics		
Heip About		~

## **Remote Access to Admin Control Center**

From a remote client computer, you can gain access to the Admin Control Center where the key is attached (key server). This is useful if you want to regain the license after a program crash. To enable remote access, select Configuration in the Admin Control Center of the key server. Click on the Basic Settings tab. Enable the following checkboxes and radio button:

Allow Remote Access to ACC Allow Remote Access to Admin API Password Protection: check radio button All ACC Pages

	Configuration for Sent	inel License Manager o	on Research10							
- I	Bul Carlos	llana	Annual to Dometry Lineary Measure	Annual from Domote Clients	Deteckable Lisenses	Natural				
	Basic Settings	Users	Access to Remote License managers	Access from Remote Clients	Detachable Licenses	Network				
	Machine Name		Research10							
	Allow Remote A	Access to ACC	2							
	Allow Remote A	Access to Admin API								
	D. 1. D. (	-								
	Display Refrest	1 lime	3	(seconds)						
	Table Rows per	Page	20	(5 to 100)						
	Idle Timeout of	Session	/20	(Min. minutes: 10. Max. minutes: 720)						
	Write an Acces	s Log File	Size Limit (KB): 0 (0: No limit) Edit Log?							
	Include Local	Requests								
	Include Remo	te Requests								
	Include Admin	istration Requests								
	Write an Error I	.og File	Size Limit (KB): 0	(0: No limit)						
	Write Log Files	Daily	0							
	Days Before Co	ompressing Log Files	0 (0: Nev	er compress)						
	Days Before De	eleting Log Files	0 (0: Nev	0 (0: Never delete)						
	Days Before De	eleting H2R files	90 (Min. di	90 (Min. days: 30 Max. days: 9999)						
	Write a Process	s ID (.pid) File								
	Password Prote	action	Configuration Pages @ All ACC Pages Change Past							
	Generate C2V	file for HASP key	Enable this option only if recommended by your software vendor.							
	Do not load has	spimv.exe	Note: SL UserMode key	s will not be visible if this option is selected.						

Click on Set Password button. Current Admin Password should be empty. Create a New Admin Password. Client will use this password to gain access to key server's Admin Control Center.

gemalto <sup>×</sup>	Sentinel Admin Control Center	er
Options Sentinel Keys Products Features Sessions Update/Attach Access Log Configuration Diagnostics Help About	Configuration for Sentinel License Manager on Research10	
	C:\Program Files (vb3)Common Files/Aladda Shared/HASPhaspini.ini	

Click on Submit button to save configuration.

From the client Admin Control Center, select Features associated with your key. When prompted to enter Username and Password, enter Username "Admin" and the password you set above. You will see in the Features screen the license restrictions and current number of users checking out the license.

gemalto <sup>×</sup>									Sentinel Admin Control Center
Options Septial Kern	Features on F Vendor: 3409	Research10: 3, Product: If	Key 532065967 ES (1)						
Products	# Product	Feature	Location	Access	Counting	Logins	Limit	Detached Restrictions	Sessions Actions
Features Sessions	1 1 IES	1 IES	🔒 Local	Loc Net Display	Login	1	1	Time Period (1 Days) - Start: Tue Jan 7, 2025 17:25 End: Wed Jan 8, 2025 17:25	1 Sessions
Update/Attach									
Access Log									
Configuration									
Diagnostics									
Help									
About									

Click on Sessions button will bring you the current user sessions. This is where you find the Disconnect button which you can use to regain your license after a program crash.

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Sentinel Admin Control Center

Options	Sessions on Research10, Key 532065967, Feature 1, Product 1									
Sentinel Keys	ID	Key	Location	Product	Feature	Address	User	Machine	Login Time	Timeout Actions
Products Features Sessions Update/Attach Access Log Configuration Diagnostics Help About	0000000C	532065967	Local	1 IES	1 IES	192.9.200.39	David	RESEARCH09-21708	Wed Jan 8, 12:42:58	11:56:51 [Disconnect]