เริ่มต้นใช้งาน Sentinel LDK การต่ออายุโปรแกรม

1. เปิดโปรแกรม EMS ไปที่ <u>http://127.0.0.1:8080/ems</u> จะปรากฏ ดังภาพด้านล่าง เสียบฮาร์ดล็อก Sentinel LDK Master Key (สีน้ำเงิน)

🔵 🛞 127.0.0.1:8080/ei	ms/productListing.html?namespace=&ET=814C6	B61CE64D0B80ECE	74ECD9F58C22	8		∀ C' Q	ค้นหา			☆	Ê	+	^	9
	Sentinel			_				Welcome	e admin 🔻	Help				
	ENTITLEMENT MANAGEMENT SYSTEM	Home	Catalog	Entitlemen	nts Customers	Reports	Administrat	on De	veloper					
	Products Features													
	Product Name		c	Batch Code	: DEMOMA									
	3					+ New Product	Test5TimeID [*]	10						
	Product	Product ID	Ref ID 1	Status	Туре	Actions	Protection Type	On-premise (Base)					
	Test5TimelD10	22		Complete	On-premise (Base)	10	Product ID: Status:	22 Complete						
	🗉 🍶 TestUseAllDayID9	21		Complete	On-premise (Base)	/ @-	Ref ID 1:							
	🗄 🍶 TestUse1DayID9	20		Complete	On-premise (Base)	/ 0-	Ref ID 2:							
	🖭 🍶 TestTimeAli ID8	19		Complete	On-premise (Base)	/ 0+	Deployed:	Yes						
	🕀 🏭 Test3Time	18		Complete	On-premise (Base)	/ &-	Locking Type:	HL						
	🗉 🍶 Test ID05	17		Complete	On-premise (Base)	/ 0-	Upgrade to Driverless:	No						
	🗄 🍶 Test_Freewill ID7	16		🛗 Complete	On-premise (Base)	/ @-	- and - and	11-12-14 - 1-1-1-1-	-	_				
	🗉 🍶 ID06Expire3Time	15		Complete	On-premise (Base)	/ **	Feature	License Terms	Excludable?					
	⊞ 🍶 TestSLID05	14		Complete	On-premise (Base)	/	Test5TimeID10	Executio Count	n M					
	🗉 🍶 F_IDS	13		Ø EOL	On-premise (Base)	/ @-								
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1.1 เลือก Catalog > Products > New Product เพื่อทำการต่ออายุโปรแกรม

1.2 ทำการสร้าง Product ใหม่ ในส่วนของ Add Features เลือก Features ID 10 (จากที่กำหนดไว้ในครั้งก่อน)

@ 127.0.0.1:0000/ems	(productListing.html?namespace=&ET=8)	4C6B61CE64D0B80ECB74ECD9F58C22				V C Q P	ันหว		1		+ 1	1 9	
	Sentine FMS				- 11		V	(elcome admin 🔻	Help				
	ENTITLEMENT MANAGEMENT SYSTEM	Home Catalog	Entitlements	Customers	Rep	ports	Administration	Developer					
	Products Features												
	Product List	duat				53	ve as complete	save as Draft					
	Batch Code:	DEMOMA	Add Fea	atures To Produc	t				>	$\langle $			
	Protection Type		-						_				
	Name*:	On-premise License		- Features	ld	Ref ID 1	Ref ID 2	Description					
	Product ID* :			Test5TimeID1	10			Can you this.	· -				
		23 Add Description		TestUse1Day	9			Test use pro.	:				
	Locking Type:			TestTime (8)	8			Test Time ID	8				
		Upgrade to Driverless		Test_Freewil	7			Test_Freewil.					
	Ref ID 1:			ID06Expire3T	6			ID06Expire3T.					
	Ref ID 2:		1 fea	SI Admin Lise tures selected.	5			SI Admin Lie					
							Add F	eatures To Product	Cancel				
	Product Features	Memory						Add Contrary					
							1	Add reatures					

1.3 หลังจาก Add Features > Product Features เลือก Configure กำหนด License Type: Perpetual (เพื่อการใช้ งานโปรแกรมตลอดไป) จากนั้น กด Save > Save Complete



2. Entitlements > Entitlements > New Entitlement

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Sentinel [®] E	MS		and the second s			\	Velcome admin 🔻	Help			
ENTITLEMENT MANAGEMENT	SYSTEM HOIT	ne Catalog	Entitlements	Customers	Reports	Administration	Developer				
Entitlements Produ	ict Keys Che	ck in C2V Check in	Key Recycle								
Customer Name	•	٩	Batch Code: DEMOMA	•							
			+ 16	ew Entitlement	Entitlement D	etails		ŀ			
Туре	Created On	Customer	Status	Actions	EID:	e2eef954-175c-4cfb-b92c	-6ba203a088f5				
🔖 HL Key	7/8/2015	Test 5 Time	Completed	/	Status.	Completed Protection	License				
Product Key	7/8/2015	Wichet Darakai	Draft	/ -	Enable: Oustomer Name:	Yes Test 5 Time E-mail					
💊 HL Key	7/8/2015	Wichet Darakai	Produced	/ 🕸 🕶	Channel Partner:	- E-mail:	22				
Product Key	7/8/2015	Wichet Darakai	Acknowledged	/ -	Ref ID 1: Start Date:	Ref ID 2: 7/8/2015 End Date:	Inlinited				
NL Key	7/8/2015	Wichet Darakai	Produced	/ @-	Comments:	Trazono Ena Data.	Grannica				
Product Key	10/10/2014	Wichet Darakai	Produced	/ -	Entitlement Type:	Sentinel HL Number o Keys	f keys: 1				
Product Key	10/10/2014	Wichet Darakai	🕞 Product Keys Generated	/ 0	Product	Lock Type	License Term	IS			
Product Key	6/12/2014	Wichet Darakai	Produced	/ @-		ID10 HL					
Product Key	6/11/2014	Wichet Darakai	Froduced	/ 0-							
Product Key	6/11/2014	Wichet Darakai	Produced	/ -							
+₽ Key Update	3/27/2014	Parag Mahajan	Draft	/ @-							
			2	-	8						
			M 4 Page	1 of 2 🕨 🕅							

2.1 สร้าง Entitlement List

🕘 🛞 127.0.0.1:8080/ems/entitlemen	tMain.html?ET=814C6B61CE64D0B80ECB74	ECD9F58C22			~ C	🔍 ค้นหา		☆	Ê	4	A	9	Ξ
Se	ntinel [®] EMS						Welcome admin 🔻	Help				~~~	
ENTIT	LEMENT MANAGEMENT SYSTEM Home	Catalog	Entitlements	Customers	Reports	Administration	Developer						
En	titlements Product Keys Check	In C2V Check In Key	Recycle										
	Entitlement List					Save	Draft Cancel						
	Create New Entitlement												
	Batch Code:	DEMOMA											
	Protection Type:	On-premise Lice	ense 🗾										
	Customer:	Test 5 Time	Q										
	E-mail:		•										
		+ Add Channel Par	ner										
		+ Add Entitlement I	lotes										
	* Start Date:	07/08/2015											
	End Date:		Vnlin	nited									
	Entitlement Type:	C Hardware Key	• Product Key	Protection Key Update									
	* Number of Product Keys:	1											
	* Activations Per Product Ke	7 1											
	Prompt for Confirmation:												
	User Registration:	Desired	-				+ Add Product						
	Product Details						· / dd / roddor						
			There are no Pro	aucts in this entitlement	30								-

2.2 เลือก Add Product > เลือก Product ชื่อ Test5TimeID10

Entitlement Management 🛛 🗙 🕂										8 ×
Contemporary (1997) (1998) (1997) (19	C6B61CE64D0B80ECB74ECD9F58	C22#?ET=814C6B61CE64E	00B80ECB74ECD9F58C22	⇒ G. (2 คันหา	☆	ê 🖡	A	ø	Ξ
Sentinel					Welcome admin	I Help				-
ENTITLEMENT MANAGEMEN	NT SYSTEM HOME	Catalog Enti	tlements Custon	ners Reports	Administration Developer					
Entitlements	duct Keys Check In C2V	Check In Key R	acycle							
Entitiemer	Product Selection				0 × 1					
	Product Name		٩			1				
Create Ne		19	- 6400	Loui o 40 10	or comore					
Batch	Test_Freewill ID7	16	Base	Leave as is	HL or SL (AdminMode or UserMode)					
Prote	Test ID05	17	Base	Leave as is	SL-AdminMode					
Cust	TesiD05 [TestSLID05]	14	Modification	Leave as is	SL-UserMode					
E-ma	Test3Time	18	Base	Disabled	HL					
	TestTimeAll ID8	19	Base	Leave as is	HL or SL-AdminMode					
	TestUse1DayID9	20	Base	Disabled	HL					
* Ster	TestUseAllDayID9	21	Base	Disabled	HL					
End [TestSTimeID10	22	Base	Disabled	HL					
Entitle	TestAllDayID10	23	Base	Disabled	HL 🔽					
* Nun	1 product selected.				Page 2 of 2 🔹 🕨					
*Act				A	dd Product To Entitlement Close					
Prom	pt for Confirmation:									
User	Registration:	Desired	•							
Product Det	ails				+ Add Product					
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	Customer:	Test 5 Time	٩							
	E-mail:		-							
		+ Add Channel Partner								
		+ Add Ref ID + Add Entitlement Notes								
	* Start Date:	07/08/2015								
	End Date:		Vnlimited							
	Entitlement Type:	C Hardware Key C Pro	duct Key C Protection Key Update	8:						
	* Number of Product Keys:	1	_	-						
	* Activations Per Product Key:	1								
	Prompt for Confirmation:									
	User Registration:	Desired	•							
	Product Details			Memor	+ Add Product					
	Product	Lock Type	Rehost License Tern	กร	Exclude All					
	😑 🦵 TestAll DayID10	HL								
	Test5Ti meID10 (10)		License Type: F	Perpetual; Remote Desktop: Disabled; Networ	Exclude					
	Entitlement List			Save Draft Queue Pr	oduce Cancel					

2.3 ในส่วนของ Entitlement Type: เลือก Product Key จากนั้นเลือก Produce

2.4 ให้ทำการ Download

(127.0.0.1:8080/ems/e	entitlementMain.html?ET=814C6B6	61CE64D0B80ECE	874ECD9F58C22#?ET=81	4C6B61CE64D0B80ECB74EC	09F58C22	⊽ C ⁱ	Q, คันหา		☆	Ê	+	A	9	Ξ
	Sontinol'E/						V	Velcome admin 🔻	Help					-
	ENTITLEMENT MANAGEMENT S	VD HOT	ne Catalog	Entitlements	Customers	Reports	Administration	Developer						
	Entitlements P	ownload P	roduct Keys		×									
	Pro	oduct Keys Gen	erated					_	_					
	Customer Name			D	ownload Cancel	1								
					+ New Entitlement	Entitlement De	tails							
	Туре	Created On	Customer	Status	Actions	EID:	2f8caccb-6c9a-4425-b337	-e5b8fca6ca75						
	Draduat Kau	780015	Toot & Time	Construct Kours Const	nton a site	Status:	Product Keys Protection	on Type: On-premise	16.					

2.5 จะได้ Product_Keys



3. เข้าไปในส่วนของ Switch to Customer Portal

127.0.0.1:8080/ems/login.html?logout=18ET=814C6861CE64D0880ECB74ECD9F5	sc22 🤍 🧟 🤇 🧟 ซีแหา	1	Ê	٠	俞	ø	=
			Swite	ch to	Custo	mer F	orta
	Sentinel [®] EMS						
	ENTITLEMENT MANAGEMENT SYSTEM 7.0						
	Login						
	User ID: admin						
	Password: ••••• Remember my user ID on this computer. Login Forgot password?						
	GafeNet © 2013 SafeNet, Inc. All Rights Reserved.						

3.1 นำค่าจาก Product_Key (จากข้อ 2.5) มาวางในช่อง ProductKey

Welcome to EMS × +						_ 8 ×
C 3 127.0.0.1:8080/ems/customerLogin.html	∀ C	🥄 🔍 คันหา	合自	+ 1	9	≡
	Sentine EMS ENTITLEMENT MANAGEMENT SYSTEM 7.0 Product Key Login Product Key: e27 a 20 b5:9d52-4932-9c2b-d5ca91c1578c Login					
∎ Product File Edit Fi €27a2	кеуе_27_Notepad mmat Vew Hep Ob5-9d52-4932-9c2b-d5ca91c1578c					

3.2 จากนั้นเลือก Offline Activation

0 127.0.0.1:8080/er	ms/productKeyViewDetails.html?ET=5E91	64108C86D8A8686087102CC4B67F		∀ С С А ейиял	ជ	+	^ 9) =
		1S Item		5	Velcome Logout Help			
	Product Key : e27a	a20b5-9d52-4932-9c2b-d5c	a91c1578c	Online Activation	Offline Activation			
	Product Key:	e27a20b5-9d52-4932-9d	2b-d5ca91c1578c	12	A101			
	Customer Name:	Test 5 Time	E-mail:					
	Channel Partner:	-	E-mail:	-				
	Activations:	1	Remaining Activations:	1				
	Previous Activations:	0	Enabled:	true				
	Enforcement:	Sentinel LDK						
	Product		Lock Type	License Terms				
	€ TestAll DayID10		HL					

3.3 ทำการ Download RUS แล้วส่งไปให้ลูกค้าสำหรับทำการสร้างไฟล์ C2V

1. 1. 1. 1. 1. 1.	a i di la basa superiori						-	-		~	-
 /productKeyViewL	Details.html?E1=5387913	328EUC4D5E50004371DEDA5143#			Vela	ению	น		m !	9	=
Sen	tinel [®] EM [®]	5				Welcome Logou	t Help				
ENTITLEM	Generate Licer	nse			0 ×						
Produ	Order Details					Online Activation Offline Active	tion				
Custo	Product Key:	e27a20b5-9d52-4932-9c2b	o-d5ca91c1578c								
Activ	Customer:	Test 5 Time	E-mail;		5						
10010	Activations:	1	Remaining		1						
Previo	Ref ID 1		Ref ID 2								
Enfor	Entitlement										
Droc	Comments:					an Terme					
- Proc	Products:	Product		Lock Туре		ise terms					
-		TestAllDayID10		HL		Torre Description Mark					
lests		Download RUS, a tool to	generate C2V 🔸			anse type, verperuar, iver					

ขั้นตอนการต่ออายุโปรแกรมบนเครื่องลูกค้า

1. ติดตั้งโปรแกรม HASPUserSetup.EXE (RTE) และเปิดไฟล์ RUS ที่ได้รับจากผู้พัฒนาซอฟต์แวร์



2. ให้ถูกค้ากคเลือก Collect Status Information > Collect Information

RU5
Collect Status Information Apply License File Transfer License
SafeNet Inc.
Sentinel Remote Update System (RUS)
Customized for DEMOMA batch code.
You can customize Sentinel RUS for your batch code and modify the text that the end user will see in this screen. In the Sentinel EMS web interface, go to Development > RUS Branding .
Collect information from this computer to enable:
 Update of existing protection key
C Installation of new protection key
Collect Information

3. เลือก Key Type ให้ถูกต้อง

Collect Status Inform		Transfer Lister	1
SafeNet Sentinel R	Inc. emote Update Sy	rstem (RUS)	
Select Sentinel	Protection Key		
Multiple protection k Refresh	eys found. Select a key from	the list below and clic	k OK, or disconnect all but on
Кеу Туре	Key ID	Creation Date	Products
HU HISTORY	1491774758	18.11.2010	Test5TimeID10
ОК	Cancel Refr	esh	
OK	Cancel Refr rom this computer to enable:	esh	
OK	Cancel Refr rom this computer to enable: ng protection key	esh	
OK	Cancel Refr rom this computer to enable: ng protection key sw protection key	esh	

4. ทำการ Save ไฟล์ เป็น C2V แล้วส่งไฟล์นี้ไปให้ทางผู้พัฒนาซอฟต์แวร์



เมื่อได้รับไฟล์ C2V จากเครื่องลูกค้า

1. ในส่วนของ Upload C2V นำไฟล์ C2V ที่ได้จากลูกค้า



เข้าไปในส่วนของ Switch to Customer Portal

3 127.0.0.1:5080/ems/login.html/logout=18ET=814C6861CE64D06808CE874ECD9F58C22	♥ C Q. คันหา	☆	由	-			
			-	+	^	9	Ξ
		9	Switc	h to C	usto	mer P	orta
Sentine ^r EMS							
ENTITLEMENT MANAGEMENT SYSTEM 7.0							
Login							
User ID: admin							
Password:							
Login Forgot password?							
SafeNet © 2013 SafeNet, Inc. All Rights Reserved.							

1. นำค่าจาก Product_Key (จากข้อ 2.5) มาวางในช่อง ProductKey

Welcome to EMS	× +					_ # ×
€ 3 127.0.0.1:8080/ems/cus	istomerLogin.html		V C	☆自♥	^	≡
		Sentine/EMS Entitlement management system 7.0				
		Product KeyLogin Product Ke <mark>y1, e27a20b5-9d52-4932-9c2b-d5ca91</mark> Login	c1578c			
	Fie	roduct_Keys_27 - Natepad. Edit Format View Help	eserved.			
	e	27a20b5-9d52-4932-9c2b-d5ca91c1	578c 🗷			
	X		* *			

3 127.0.0.1:8080/ems/	productKeyViewD	etails.html?ET=53B791328E0	0C4D5E50004371DEDA5143#			7 C Q	ค้นหา		Ê	+	Â	9	=
	Sen	tinel [®] EMS					Welcome Logout	Help					
	Pro	Generate License				0 ×	Online Activation Offline Activat	ion					
	Produ Custo Chani Activi Previo Activi Enfor	Product Key: Customer: Activations: Ref ID 1: Entitlement	e27e20b5-9d52-4932-9c2t Test 5 Time 1	o-d5ca91c1578c E-mail: Remaining Activations: Ref ID 2:		ì							
	Proc E Testé	Products:	Product TestAlDayD10 Download RUS, a tool to	generate C2V 🄸	Lock Type HL		ise Terms anse Type: Perpetual, Net						
		Upload C2V Upload C2V: 51 Comments:	imeCade.c2v										
	Sa				Generate	Cancel							

2. จากนั้นเลือก Upload C2V > เลือก C2V ที่ได้รับจากลูกค้า > Generate

3. จะได้ไฟล์ V2C ออกมา ทำการ Download V2C File เพื่อส่งให้ลูกค้า

Product key details	×	÷									1	_ <u>8 ×</u>
	productKeyViewI	Details.html?ET=53B79132	E0C4D5E5000437	71DEDA5143#			⊽ Cª Q, ,	กันหา	☆	Ê	 ø	Ξ
	Sen	tinel [®] EMS						Welcome Logout	Help			
	ENTITLEM	Generate Licens	e				0 ×		_			
	Produ	Order Details		V2C generate	d successfully			Online Activation Offline Activati	m			
	Custo	Product Key:	e27a20b5-9d	d52-4932-9c2b-d5ca91c1	1578c							
	Previc	Customer: Activations:	Test 5 Time 1		E-mail: Remaining Activations:		1					
	Enfor	Ref ID 1: Entitlement Comments:			Ref ID 2:			ise Terms				
	Ξ	Products:	Product		ι	ock Type						
	Testő		TestAllDay	ID10	:2V +•	L		ense Type: Perpetual; Net				
				,								
		Activation Details										
		Key ID	Кеу Туре	Activation Date	Comme	nts						
		1491//4/58	HL-Max	2015-07-08		Download	VZC FIIE					
	Sat											
	9						Close					

ในส่วนของลูกค้า หรือผู้ใช้โปรแกรม เปิด RUS



1. ไปที่ Apply License File > Update File เลือกไฟล์ V2C ที่ได้จากผู้พัฒนาโปรแกรม

💞 RUS			<u>_ ×</u>
Collect Status Information	Apply License File	Transfer License	1
Update File C:\Users\Admi	histrator\Desktop\1491	74758.V2C	
Apply Update			

4.2 หลังจากกด Apply โปรแกรมจะถูกปลดล็อกอย่างสมบูรณ์

Collect Status Information Apply License File Transfer License
16:51:18: Applying update from file C.(Users\Administrator\Desktop\1491774758.V2C Update written successfully.
Update File C:\Users\Administrator\Desktop\1491774758.V2C Apply Update