้เริ่มต้นใช้งาน Sentinel LDK โดยการกำหนดจำนวนครั้งในการใช้งานโปรแกรมและเขียนค่าลงใน Time Key

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

127.0.0.1:3030/ems/cu	stomerManagement.P	tml/E1=814C6B61CE	54D0B80ECB74E	LD9F58C22			ve	🔍 คนหา			น		Π	9
	Sentin	el'EMS				10000000			Welci	ome admin 🔻	Help			
	ENTITLEMENT MAI	NAGEMENT SYSTEM	Home	Catalog	Entitlements	Customers	Reports	Administ	ration	Developer				
	Customers	Channel Partner	s											
	Customer	•		Q		i and								
						+ New Customer	Customer In	ormation						
	Status	Name		Туре	Ref ID	Actions	Type:	Individual	ID:	8				
		Wichet Darakai		🙎 Individual	wichet	/ 0-	Last Name:	Darakai	E-mail:	e. wichetd@fitab.c				
	1	Fitab		Ag Company	Fitab	/ 0-	Locale:	English						
	1	Priya Shetye		🙎 Individual	106	/ -	Telephone:	06627048987	Fax	0-27048321				
		Parag Mahajan		a Individual	105	/ 0-	Enabled: Description:	Yes	Batch Code	: Demoma				
	1	Robert Jones		a Individual	104	/ -	Billing Detail	5						
	1	Peter Adams		🚨 Individual	103	1 -	Street:		City:					
	1	Sara Brown		🙎 Individual	102	/ -	Country:	~	Store.					
		John Smith		🙎 Individual	101	/ 0-	Shiping Deta	ls						
							Street:		City:					
							ZIP/Postal Codi Country:	N:	State:					
							obarno j.							
						M 📢 Page 1 of 1 🕨 M								

1.1 เลือก Customers > Customers > New Customer เพื่อทำการสร้างประวัติลูกค้า

1.2 ทำการสร้างประวัติลูกค้า

127.0.0.1:8080/em	s/customerManagement	.html?ET=814C6E	361CE64D0B80ECB74ECD9F58C2	22	⊽ C Q	, ค้นหา	1	n 🏚	↓ ∩	ø	
	Sentin	nel'EAt	Create Customer			()/** ? ×	come admin 🔻 Help				
	ENTITLEMENT MA	AGEMENT ST	Customer Information				Developer				
	Customers	Channel	Type: 🧧	Company C Individual							
	Customer	<u> </u>	* Company Name: Test	t 5 Time	Batch Code: DEMOMA	-					
	Status	Name	Telephone:		Fax:		8				
	1	Wichet Da	CRM ID:		Ref ID:		ne: wichetd@fitab.c				
	1	Fitab	Description:								
	2	Priya Shet					0-27048321 e: DEMOMA				
	1	Parag Mah	Contact Information (Option	nal)							
	2	Robert Jor	First Name:		Middle Name:						
	1	Peter Adai	Last Name:		E-mail:						
	1	Sara Brow	Locale								
	-	John Smitr	Locale.	<u> </u>							
			Billing Details								
			Street:								
			City:		ZIP/Postal Code:	Ī					
			State:		Country:						
	SafeNe	et©20138	🗹 Shi	ipping details are same as billing d	etails						

2. เข้าไปในส่วนของ Catalog เพื่อกำหนดรายละเอียด Features ID

Feature List	×											_
127.0.0.1:8080/em	ns/FeatureList.html?namespace=8ET=814C6	B61CE64D0B80ECB74ECD9P	-58C22		∀ Cª (2, คันหา				é 🖡	Â	9
2	Sentinel [[] EM						V	/elcome admin 🔻	Help			
	ENTITLEMENT MANAGEMENT SYSTEM	Home Ca	talog Entitlemen	ts Customers	Reports	Administ	tration	Developer				
	Products Features											
	Feature Name		Q Batch Code	DEMOMA	·							
	3				+ New Feature	TestUse1Da	ay					
	Feature	Feature ID	Ref ID 1	Status	Actions	ID:	9					
	TestUse1Day	9		E Deployed	10	Ref ID 1:	Yes					
	TestTime	8		E Deployed	/ 0-	Ref ID 2:						
	Test_Freewill	7		E Deployed	/	Description:	Test use	program 1 day ID9				
	ID06Expire3Time	6		E Deployed	/ 0-	Obsolete:	No					
	SL_Admin_User	5		E Deployed	/ @-							
	SL_Admin	4		B Obsolete	10-							
	ChetSL	2	SL1	E Deployed	/ -							
	Memo Card Plugin	11		E Deployed	/ -							
	3D	101		E Deployed	1 -							
	Reports	42		E Deployed	/ @+ -							
				И.4	Page 1 of 1 🕨 🔰							

2.2 ตั้งชื่อ Feature ID เป็น Test5TimeID10 เลือก Feature ID = 10 (ตัวอย่าง เราสามารถเลือกเป็น Feature ID อะไรก็ได้)

Feature List	×						10-			1	11242	_			Î
	s/featureList.html?namespace=8E	T=814C6B61CE64D0B	BOECB74ECD9F58C22			∀ C	🔍 ค้นหา			☆	Ê	+	^	9 =	Ē
	Sentinel	MS	-	-2				1	Welcome admin 🔻	Help					
	ENTITLEMENT MANAGEMEN	T SYSTEM HOME	Catalog	Entitlement	s Custome	rs Report	s Ad	Iministration	Developer						
	Products Featur	es													
	Feature Name		٩	Batch Code:	DEMOMA	<u>•</u>									
						+ New Featur	- Testl	Jse1Day							
	Feature	Create Featur	•					7 S							
	TestUse1Day	Batch Code: DEMO	DMA												
	TestTime	* Feature Name:	Test5TimeID10		Ref ID 1:										
	Test_Freewill	* Feature ID:	10	Available?	Ref ID 2:				program 1 day ID9						
	ID06Expire3Time	Description:	Can you this program	5 times	1										
	SL_Admin_User		0 0 0												
	SL_Admin														
	ChetSL						Save	Cancel]						
	Memo Card Plugin	11			Deployed	/ 0,*									
	3D	101			Deployed	/ @+									
	Reports	42			Deployed	/ 0+	-								
					1	🖌 🖣 Page 1 of 1 🌗	М								
	6														
	SafeNet ^{©2}	013 SafeNet, Inc. Al	Rights Reserved.												

3. เข้าไปในส่วนของ Catalog เพื่อกำหนดรายละเอียดของ Products

Sa	ntinol"E MAS			_				Welcome	admin 🔻 Help		
ENTITLE	EMENT MANAGEMENT SYSTEM	Home	Catalog	Entitlemen	ts Customer	s Reports	Administrat	ion Dev	eloper		
Pro	ducts Features										
P	roduct Name 🗾		Q	, Batch Code	: DEMOMA	•					
_						+ New Product	TestUseAllDa	ıyıID			
	Product	Product ID	Ref ID 1	Status	Туре	Actions	Protection Type	: On-premise (B	ase)		
æ	🍶 TestUseAllDayID9	21		E Complete	On-premise (Base)	10	Product ID: Status:	21 Complete			
Œ	🝶 TestUse1DayID9	20		E Complete	On-premise (Base)	/ 0-	Ref ID 1:				
Œ	🚮 TestTimeAll ID8	19		Complete	On-premise (Base)	/ 0-	Ref ID 2: Description:				
Œ	🍶 Test3Time	18		Complete	On-premise (Base)	/ **	Deployed:	Yes			
Ŧ	👪 Test ID05	17		Complete	On-premise (Base)	/ **	Locking Type:	HL			
Œ	👪 Test_Freewill ID7	16		Complete	On-premise (Base)	/ 0+	Upgrade to Driverless:	No			
Œ	🍶 ID06Expire3Time	15		Complete	On-premise (Base)	/ @+	Feature	Lisopee	Eusludable 2		
Ŧ	👪 TestSLID05	14		Complete	On-premise (Base)	/ \$**	reature	Terms	LACIUOADIC:		
Ŧ	🚮 F_IDS	13		🕖 EOL	On-premise (Base)	/ @+	TestUse1Day	Perpetual	M		
Œ	🍶 SL_Admin_User	12		Complete	On-premise (Base)	/ 🕸 -					
_m	I AdminMode	44		E Complete	On premise (Rese)	2 m - 🗵					
						M 4 Page 1 of 2 D M					

3.1 เข้าไปที่ Catalog > Products > New Product

3.2 เลือก Product ชื่อ Test5TimeID10 > Add Feature To Product ในส่วนของ Locking Type : HL

Product List	× +												-	8 ×
 ♦ ④ 127.0.0.1:8080/em 	ns/productListing.html?namespace=8/ET=81	4C6B61CE64D0B80ECB74ECD9F58C22			∀ (C Q คันหา			1☆	Ê	+	A	ø	=
	Sentine FMS		2		4	14	Wel	come admin 🔻	Help					-
	ENTITLEMENT MANAGEMENT SYSTEM	Home Catalog	Entitlements	Customers	Report	ts Admi	inistration	Developer	- 1.					
	Products Features													
	Product List					Save as	Complete Sav	ve as Draft						
	Create New Proc	luct	Add Fea	atures To Produc	ct					\times				
	Batch Code:	DEMOMA				2.222	2 2022	2 2 2 2		1				
	Protection Type:	On-premise License		- Features	Id	Ref IU 1	Ret ID 2	Description						
	Name*:	Test6TimeID10		Test5TimelD1	10			Can you this.		1				
	Product ID* :	22		lestUse1Day	g			lest use pro.	-					
		Add Description		lestlime (8)	8			lest lime ID.	•					
	Locking Type:	HL		lest_Freewil				lest_Freewi						
		Upgrade to Driverless		DU6Expire31	6			IDU6Expire31	•••					
	Ref ID 1:		1 fea	tures selected.				St. Admin.11	~~ _					
	Ref ID 2:						Add Fe	atures To Product	Cano	el				
	Product Features	Memory												Ť
	Troublet entries						+ A	dd Features						
			There are no Featu	res in this Product	>									

3.3 เลือก Add Feature

3.3.1 การเลือกกำหนดจำนวนครั้ง (Execution Count) ที่สามารถใช้งานได้

Product List	× +											-	8 ×
	productListing.html?namespace=&ET=81	4C6B61CE64D0B80ECB74ECD9F58C22			∀ C' 0	4 คันหา		☆	Ê	÷	^	9	≡
	Sentine (EMS		r		N	10 14	Welcome admin 🔻	l Help					-
	ENTITLEMENT MANAGEMENT SYSTEM	Home Catalog	Entitlements	Customers	Reports	Administration	Developer						
	Products Features												
		🚛 Configure Li	cense Terms		0	×							
	Product List	Features:	lest5TimelD10			as Complete	Save as Draft						
	Create New Proc	luct License Type:	Execution Count										
	Batch Code:	DEMOM/ License Terms											
	Protection Type:	On-nre	5 17										
	Name*:	Test5T	Specify at entitlemen	time									
	Product ID* :	22 Concurrency			-	_							
		Add Des	Specify at entitlemen	time	M No Limit								
	Locking Type:	HI Court Each	Station	-									
						-							
	Ref ID 1:	Remote Desktop:			Network:								
	Ref ID 2:	Valid Sentinel HL Keys											
					6	-							_
	Product Features	Memory 📎 🔪	🔈 📎 💊	*		>							
		Net Time Net	Time Pro Max Mir	Max Micro Drive	Max ExpressCard Chip	-	+ Add Features						
					Save Cano	el							
	E Features	Lindido											
	Test5Timel	D1 Perpetual		Can be excluded	Configure	X							
													100

หรือ การเลือกกำหนดวันที่หมดอายุของโปรแกรม (ต้องเป็นฮาร์ดล็อกรุ่น Time หรือ NetTime)

Product List	× +										-	8 ×
♦ 3 127.0.0.1:8080/ems	s/productListing.html?namespace=&ET=814	C6B61CE64D0B80ECB74ECD9F58C22		∀ C	Q, คันหา		☆	Ê	+	俞	9	≡
	Sentinel'EMS			<i>t</i>	W	/elcome admin 🔻	1 Help					^
	ENTITLEMENT MANAGEMENT SYSTEM	Home Catalog	Entitlements Cust	omers Reports	Administration	Developer						
	Products Features											
		🚛 Configure Lie	cense Terms	0	×	,						
	Product List	Features: To	est5TimelD10		as Complete :	Save as Draft						
	Create New Proc	luct License Type:	Expiration Date	•								
	Batch Code:	DEMOM4 License Terms										
	Protection Type:	Expiration Date: On-pre	/ luk/2015									
	Name*:	Test5T	MonTueWedThu Fri SatSun		_							
	Product ID* :	22 Concurrent Instances:	29 30 1 2 3 4 5	M No Limit								
	Locking Type:	HL Count Each:	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	v								
		Upgra Accessibility	27 28 29 30 31 1 2									
	Ref ID 1:	Remote Desktop:	3 4 5 6 7 8 9	Network:								
	Ref ID 2:	Valid Sentinel HL Keys										
	Product Features	Memory	Pro Max May Max Mes	Dine Mar Expression Car Save Car Chulded Contigue	e X	Add Features						

3.3.2 กำหนดค่า Configure License Terms ตามภาพ เสร็จแล้วกด Save

3.4 หลังจากนั้น Save as Complete

and append and it would be the												
0.1:8080/ems/productListing.html?name	espace=8ET=814	C6B61CE64D0B80ECB74ECD	9F58C22		 С Q คันหา 		1	合自	+	A	9	Ξ
crea	ILE NEW From	iuuu										
Ba	tch Code:	DEMOMA										
Pro	otection Type:	On-premise License	-									
Na	ime* :	Test5TimeID10										
Pro	oduct ID* :	22										
		Add Description										
Lo	icking Type:	HL	*									
		Upgrade to Driverless	_									
Re	ef ID 1:											
Re	ef ID 2:											
100	Features	L	License Terms	Excludable ?		+ Add Features						
	Test5Timel	D1 E	xecution Count	Can be excluded	Configure X							
	Test5Timel	D1 E.	execution Count	Can be excluded	Configure X							
	TestSTimel	D1 E	Execution Count	Can be excluded	Configure X							
	Test5Timel	D1 E	execution Count	Can be excluded	Configure X							
	Test5Timel	D1 E	execution Count	Can be excluded	Configure X							

4. Entitlements > Entitlements > New Entitlement

127.0.0.1:auaujemsjeni	ittementmain.ntml/E1=814C6b	DICEDADOBSUECE	74ECD9F58CZZ			v e	🤍 คนหา			M	3	m	9	
	Sentinel ^(F)	MS				r		Welco	ome admin 🔻 He	dp.				
	ENTITLEMENT MANAGEMENT	SYSTEM HOM	ne Catalog	Entitlements	ustomers	Reports	Admi	nistration	Developer					
	Entitlements Produ	ct Keys Che	ck in C2V Check in F	Key Recycle										
					1000									
	Customer Name	<u> </u>	٩	Batch Code: DEMOMA	-									
			1727 - 10	+ Ne	w Entitlement	Entitlement D	etails			Ē.				
	Туре	Created On	Customer	Status	Actions	EID: Status:	8a85271c-0	7d4-4517-9056-d2f4 Protection Type:	C36a430c On-premise					
	Product Key	7/8/2015	Wichet Darakai	📋 Draft	/ 00				License					
	NL Key	7/8/2015	Wichet Darakai	Produced	/ -	Customer Name:	Yes Wichet	E-mait	wichetd@fitab.c					
	Product Key	7/8/2015	Wichet Darakai	Acknowledged	/ -	Okana al Davia au	Darakai	E se e la						
	💊 HL Key	7/8/2015	Wichet Darakai	Produced	10-	Ref ID 1:	-	Ref ID 2:	•					
	Product Key	10/10/2014	Wichet Darakai	Produced	/ @-	Start Date:	7/8/2015	End Date:	Unlimited					
	Product Key	10/10/2014	Wichet Darakai	Product Keys Generated	/ @-	Comments:	Product							
	Product Key	6/12/2014	Wichet Darakai	Produced	10-	Durature Maria	Key-based	é ali salisana Das	40					
	Product Key	6/11/2014	Wichet Darakai	Produced	10-	Product Neys.	10	Product Key:	10					
	Product Key	6/11/2014	Wichet Darakai	Produced	/ ŵ-	Prompt for Confirmation:	No							
	•Q Key Undate	307/2014	Parag Mahajap	B Draft	· · · ·	User Registration:	Desired							
	Product Key	2020014	Sara Brown	Broff	A 49-	Product		Lock Type	License Terms					
	Product Key	3/20/2014	Sara brown	Drait		E TestUseAll	DayID	HL						
				M 📢 Page	of 2 🕨 🕅									

4.1. สร้าง Entitlement List

	501 CEO 1000002CD7 1ECD.	TOTEL				S PIMPI		M	-	 	~	
Sentinel [®]	MS Home	Catalon	Entitlements	Customers	Denorts	Administration	Welcome admin V	Help				
Entitlements	ict Kove	21/ Checkin Ka	Borvelo	COSCOMENS	Reports	Administration	Developer					
Entitlement	List					Save	Draft Cancel					
Create New	Entitlement						oran Cancer					
Batch C	Code:	DEMOMA										
Protecti	ion Type:	On-premise Lic	ense 💌									
Custom	er.	Test 5 Time	۹									
E-mait		+ Add Channel Pa + Add Ref ID + Add Entitlement	• ther Notes									
* Start I End Dat	Date: te:	07/08/2015	🔽 Unlin	nited								
Entitlem	ient Type:	Hardware Key	C Product Key C	Protection Key Update								
* Numb	er of keys:	1										
Product Detai	ls						+ Add Product					
			There are no Pro	ducts in this entitlement								
			To add Products	press the button above								

4.2 เลือก Add Product > เลือก Product ชื่อ Test5TimeID10

SENTIL ENTITLEMENT M	ner								Welcome admin	Help			
	ANAGEMEN	T SYSTEM	Home	Catalog	Entitlements	Customers	Reports	Administration	Developer				
Entitlemer	Produ	ict Select	ion					0	×				
	Product	t Name	•		۹								
		100000	-	110000010	ідре	Nerioac		ion iype	Cancel	1			
Cr	E 0	006Expire3Tim	e	15	Base	Leave as is	SL	-UserMode					
	Пт	est_Freewill ID	17	16	Base	Leave as is	HL Us	. or SL (AdminMode or erMode)					
	D 1	est ID05		17	Base	Leave as is	SL	-AdminMode					
	Гт	esID05 (TestSL	_ID05]	14	Modification	Leave as is	SL	-UserMode					
	E T	est3Time		18	Base	Disabled	HL						
	Пт	estTimeAll ID8		19	Base	Leave as is	HL	or SL-AdminMode					
	Пт	estUse1DayID	9	20	Base	Disabled	HL						
	E T	estUseAllDayl	D9	21	Base	Disabled	HL						
	I	est5TimelD10		22	Base	Disabled	HL						
1	1 product	selected.						Page 2 of 2 4					
							Add Produ	ot To Entitlement Clos	•				
Pro	iduct Det	ails							+ Add Product -				
					There are no Proc	lucts in this entitlement	1						
					There are no Proc	aucts in tras enauemena	X						

Create New Entitlement					102 23	100	81 - I.S.	
Batch Code:								-
Protection Type:	On-premise License	-						
	Tast 6 Time	-						
Customer:	Test 3 fille							
E-mail:	+ Add Channel Partner + Add Ref ID + Add Entitlement Notes	<u>×</u>						
• Start Date:	07/08/2015							
End Date:		Cunlimited						
Entitlement Type:	Hardware Key C Prod	uct Key C Protection Key Update						
*Number of keys:	1							
			Memory & Add Product					
Product Details			Mentory Hadd Product					
Product	Lock Type	Rehost License Terms	📕 Exclude All	Í.				
I Test5TimeID10	HL							
Entitlement List			Save Draft Queue Produce Cancel	_				

4.3 เลือก Produce เพื่อทำการเขียนค่าลงใน Sentinel LDK Key (ฮาร์คลีอกที่จะส่งให้ลูกค้า)

4.4 เสียบฮาร์คล็อก Sentinel LDK ที่จะส่งให้ลูกค้า หากไม่แสดงตามภาพ ให้กค Refresh เมื่อเจอฮาร์คล็อก ตามภาพ ให้กค Burn

Indextender Controlleria. Producti Test5TimeID10 HL. Valid Keys Valid Keys Nat Time Nat Nat<	Cus	Customer: Quantity: Ref ID 1: Entitioment Commente:	Test 5 Time 1 -		Email: - Remaining: 1 Ref ID 2: -					
Valid Keys Valid Keys Net Time NetTime Pio Max Meri Max Meri Dew Astronomous Card Orbip Net Time NetTime Pio Max Meri Max Meri Dew Astronomous Card Orbip	Ty	Products:	Product Test5TimeID10	HL	ocking Type		3a08815 On-premise License			
Valid Koys Net Time NetTime Pice Batch Status Key ID Key Type Batch Status Key ID Key Type Batch Ready to burn I	E.									
Image: Net index production in the second	y v						-			
Key ID Key Type Batch Status Image: Constraint of the status Status Image: Constraint of the status Image: Constraint of the status Image: Constraint of the status Image: Constraint of the status	* *	Valid Keys					- - Unlimited			
V 1491774758 HL-Max DEMOMA Ready to burn		Valid Keys	Netime Pro	Max Mri Max Mero	Dive Max ExpressCard	Chip	- - Unlimited 1 License Terms			
		Valid Keys Net Key ID	Netline Pro	Max Mini Mark Micro	Dive Max ExpressCard	Chip	- - Unimited 1 License Terms			
		Valid Keys Net Time Key ID 1191774758	NetTime Pro	Max Mini Max Micro Max Micro Batch DEMOMA	Dive Max ExpressCard	Chp	- Unlimited 1 License Terms			
Status		Valid Keys Valid Keys Net Key ID Key ID 1491774758	NetTime Pro Pro HL-Max	Max Mini Max Micro Batch DEMOMA	Dive Wax ExpressCard	Chip	- Unimited 1 License Terms			

	tMain.html?ET=814C6B61CE64D0B80E	_B74ECD9F58C22#?ET=814C6E	861CE64D0B80ECB74ECD9F58C22				값 🗉	*	m ye	2 :
	Customer: Quantity:	Test 5 Time		Email: - Remaining: 0						
Cus	Ref ID 1:	-		Ref ID 2: -						
	Entitlement Comments:									
Ту	Products:	Product	Locking Type			3a088f5 On-premise				
*		Test5TimelD10	HL.			License				
Est.						-				
4										
E.	-									
	Valid Keys					Unimited				
						1				
Per-										
and the second						Licence Terme				
En					199	Electrac ferma				
in the second se	Net Time	NetTime Pro	Max Mini Max Micro	Drive Max ExpressCard	Chip					
50 50	Net Time	NetTime Pro	Max Mini Max Micro	Drive Max ExpressCard	Chip					
	Net Time	NetTime Pro	Max Mini Max Micro Batch	Drive Max ExpressCard	Chip					
	Net Time	NetTime Pro	Max Mini Max Micro Batch DEMOMA	Drive Max ExpressCard Status License burned successfully	Chip					
85 65 65 65 65 44	Net Time Image: Constraint of the state of the	NetTime Pro	Max Mini Max Micro Batch DEMOMA	Drive Max ExpressCard Status License burned successfully	Chip					
	Net Time Image: Constraint of the second seco	NetTime Pro	Max Mini Max Micro Batch DEMOMA	New Max ExpressCard	Chip					
	Net Time Image: Constraint of the state of the	NetTime Pro	Max Mini Max Micro Batch DEMOMA	Drive Max ExpressCard Status License burned successfully	Chip					
	Net Time	NetTime Pro	Max Mini Max Micro Betch DEMOMA	Nax ExpressCard	Chip					
	Net Time Key ID Key ID Id 1491774758 Status	NetTime Pro	Max Mini Max Micro Betch DEMOMA	Aux ExpressCard	Chip					
	Nat Tame	Nettine Pro	Max Mini Max Micro Batch DEMOMA	Aux ExpressCard Ratus License burned successfully	Chip					

4.5 เมื่อ Burn เสร็จสมบูรณ์ ก็ให้ทำการปิดหน้าจอนี้ เป็นอันเสร็จสิ้นในการจัดการฮาร์คล็อก