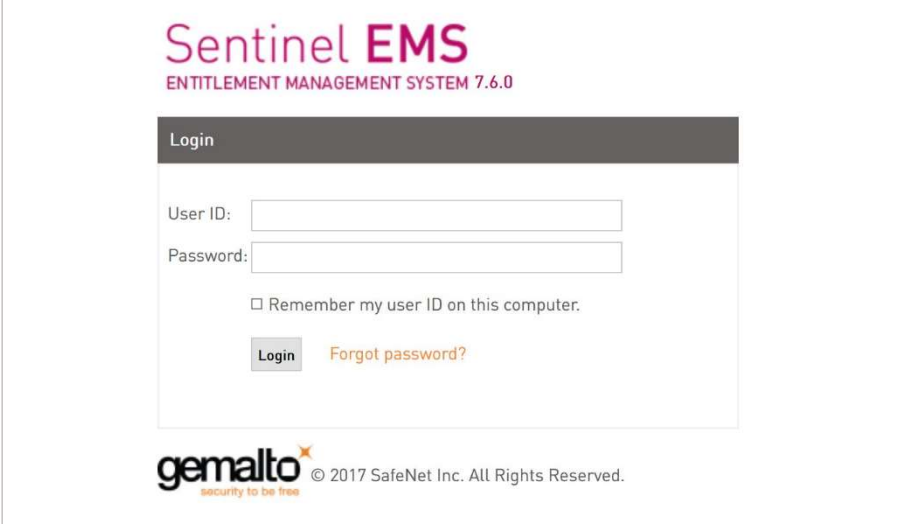


## DMC Licence Update

Performed by Administrator

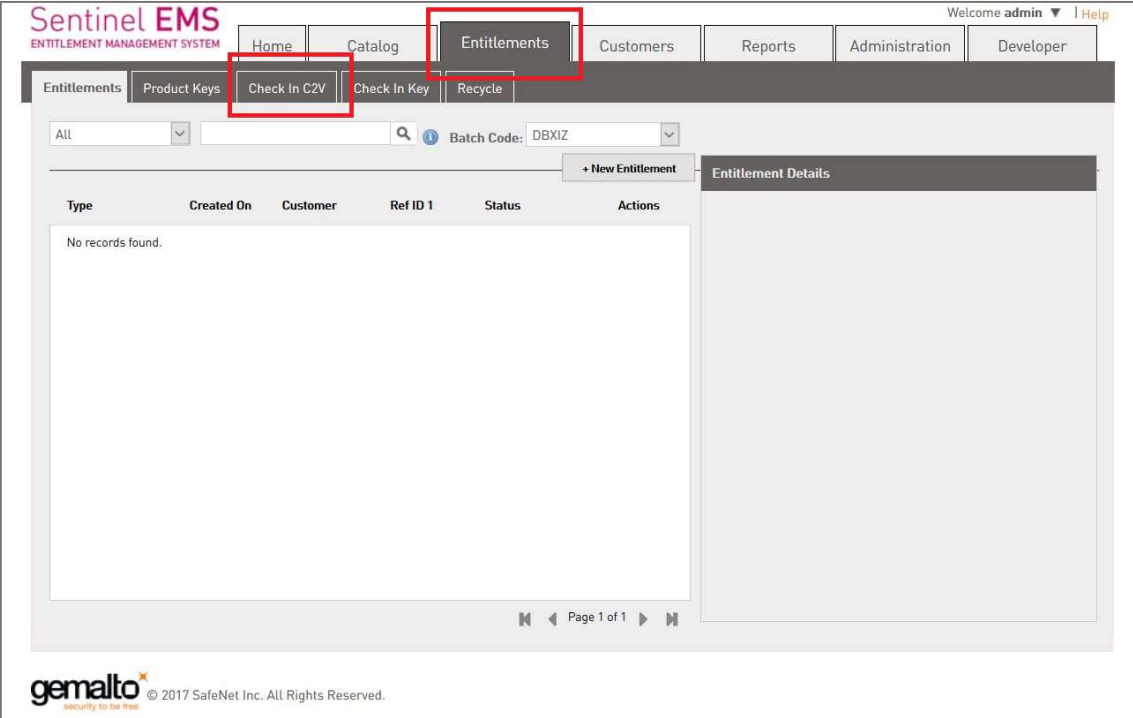
**i** Administrator receive the C2V file and perform licence update.

Step 1: Login to Sentinel EMS  
User ID: **admin**  
Password: **admin**



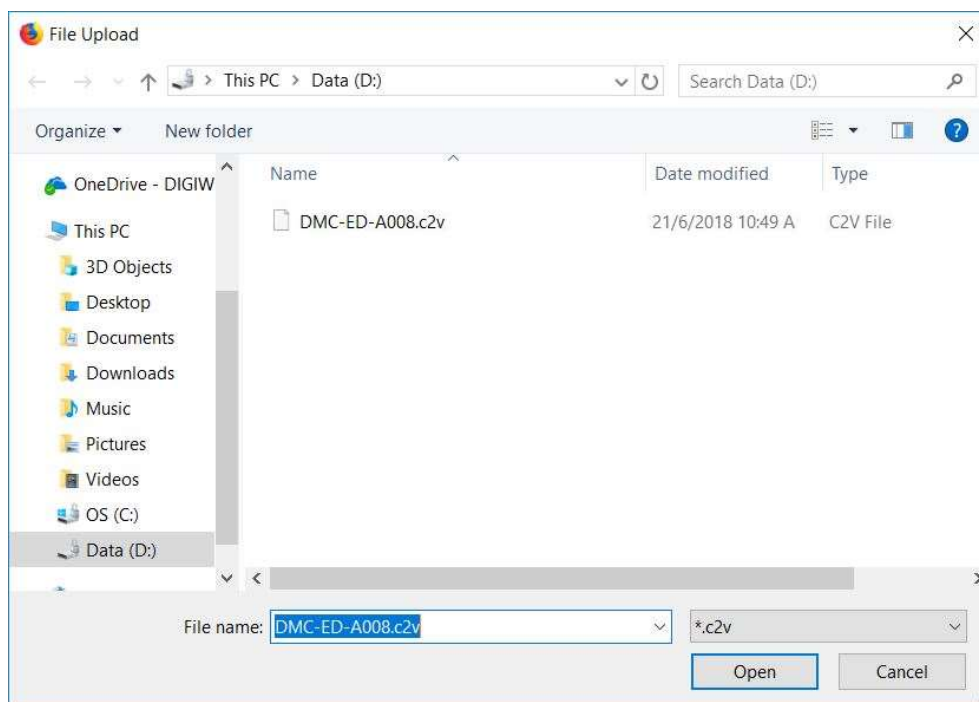
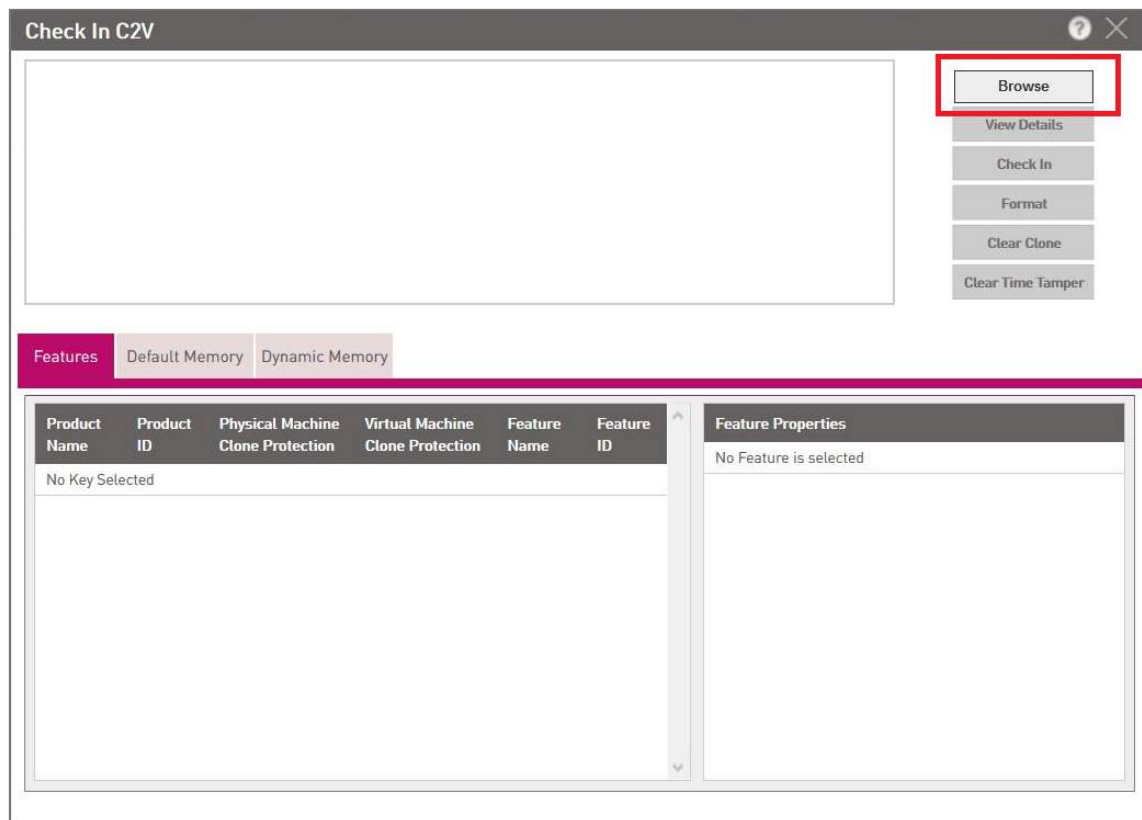
The image shows the Sentinel EMS login interface. At the top, it says "Sentinel EMS" in a large purple font, followed by "ENTITLEMENT MANAGEMENT SYSTEM 7.6.0" in a smaller purple font. Below this is a "Login" section with a dark header. Inside the login box, there are two input fields: "User ID:" and "Password:". Below the password field is a checkbox labeled "Remember my user ID on this computer." At the bottom of the login box are two buttons: "Login" and "Forgot password?". Below the login box is the Gemalto logo with the tagline "security to be free" and the copyright notice "© 2017 SafeNet Inc. All Rights Reserved."

Step 2: Navigate to **Entitlement > Check in C2V**



The image shows the Sentinel EMS "Entitlements" page. The top navigation bar includes "Home", "Catalog", "Entitlements" (highlighted with a red box), "Customers", "Reports", "Administration", and "Developer". Below the navigation bar is a sub-navigation bar with "Entitlements", "Product Keys", "Check In C2V" (highlighted with a red box), "Check In Key", and "Recycle". The main content area has a search bar with a dropdown menu set to "All", a search icon, and a "Batch Code" field with the value "DBXIZ". Below the search bar is a table with columns: "Type", "Created On", "Customer", "Ref ID 1", "Status", and "Actions". The table is currently empty, displaying "No records found." To the right of the table is a sidebar titled "Entitlement Details". At the bottom of the page is the Gemalto logo with the tagline "security to be free" and the copyright notice "© 2017 SafeNet Inc. All Rights Reserved."

Step 3: In Check In C2V pop-up, click Browse



Step 4: Choose the C2V file and click Open.

Step 5: Click on the C2V record, and click on **Check In**.



If encounter error:

“One or more of the C2V files are invalid or empty or relate to a non-existent Batch Code.”  
Please insert Master key.

Check In C2V

File Name	Key ID	Key Type	Batch	vclockTime
DMC-ED-A008.c2v	1708803528	Sentinel-HL-Pro (Driverless)	DBXIZ	2018-06-21T02:46:33

Browse  
View Details  
**Check In**  
Format  
Clear Clone  
Clear Time Tamper

Checked in successfully.

Features
Default Memory
Dynamic Memory

Product Name	Product ID	Physical Machine Clone Protection	Virtual Machine Clone Protection	Feature Name	Feature ID
1 HQ_2 ST ORE	2			Dongle	1

Feature Properties

Feature Name: Dongle  
License Type: Perpetual  
Value: Unlimited  
Local: true  
Network: false  
Concurrency Type: Station  
Concurrency Value: Unlimited  
Enable Remote Desktop: false  
Allow Detaching: false  
Enable Virtual Machine: false

Step 6: Create **New Entitlement**.

Sentinel EMS  
ENTITLEMENT MANAGEMENT SYSTEM

Home
Catalog
Entitlements
Customers
Reports
Administration
Developer

Entitlements
Product Keys
Check In C2V
Check In Key
Recycle

All
Batch Code: DBXIZ

+ New Entitlement
Entitlement Details

Type	Created On	Customer	Ref ID 1	Status	Actions
No records found.					

Step 7: Select Customer **DIGI Singapore**

Step 8: Set Entitlement Type as **Protection Key Update**

Step 9: Click **Locate** to browse the C2V file.

The screenshot displays the Sentinel EMS (Entitlement Management System) interface. The top navigation bar includes links for Home, Catalog, Entitlements (selected), Customers, Reports, Administration, and Developer. A secondary navigation bar shows Entitlements, Product Keys, Check In C2V, Check In Key, and Recycle. The main content area is titled 'Create New Entitlement' and contains the following fields and options:

- Batch Code: DBXIZ
- Protection Type: LDK License (dropdown)
- Customer: DIGI Singapore (dropdown, highlighted with a red box)
- Email: (dropdown)
- + Add Channel Partner
- + Add Ref ID
- + Add Entitlement Notes
- Start Date: 06/21/2018
- End Date: (dropdown) with an 'Unlimited' checkbox checked
- Entitlement Type: ☐ Hardware Key, ☐ Product Key, ☒ Protection Key Update (highlighted with a red box)
- Located: 0 (dropdown) with a 'Locate' button (highlighted with a red box)
- ☐ Prompt for Confirmation

Below the form is a 'Product Details' section with a message: 'There are no Products in this entitlement. To add Products press the button "Add Product" above'. At the bottom of the form, there are 'Save as Draft' and 'Cancel' buttons. The footer includes the Gemalto logo and copyright information: '© 2017 SafeNet Inc. All Rights Reserved.'

Step 10: In Locate Sentinel Keys pop-up, Select C2V File option and click to locate the C2V file.

**Locate Sentinel Keys**

Locate Sentinel Keys by

☐ Customer: DIGI Singapore

☐ Product Key:

☒ C2V File:  ...

☐ Key ID:

*Click to select one or more C2V files.*

Key ID	Key Type
No data found.	

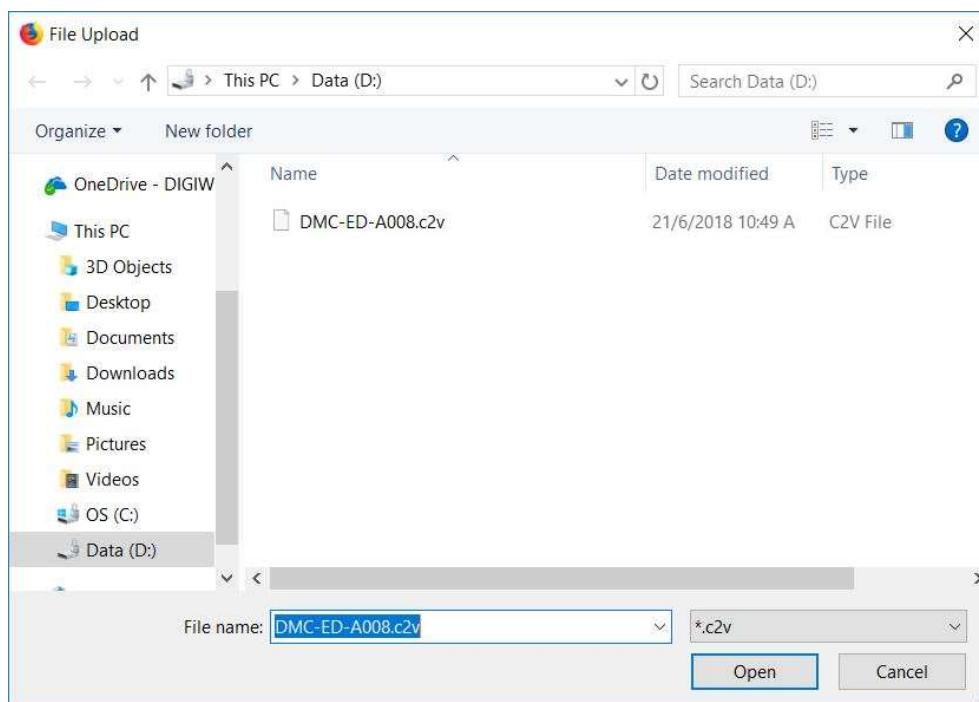
Add To List

**Sentinel Keys to Update** Remove

Key ID	Key Type
No data found.	

OK Close

Step 11: Click the C2V file and click Open



Step 12: Select Key ID and click **Add To List**

**Locate Sentinel Keys**

Locate Sentinel Keys by

☐ Customer: DIGI Singapore

☐ Product Key:

☒ C2V File:  ...

☐ Key ID:

Click to select one or more C2V files.

<input checked="" type="checkbox"/>	Key ID	Key Type
<input checked="" type="checkbox"/>	1708803528	Sentinel-HL-Pro

**Add To List**

**Sentinel Keys to Update** **Remove**

<input type="checkbox"/>	Key ID	Key Type
No data found.		

**OK** **Close**

Step 13: Select Key ID in Sentinel Keys to Update and click **OK**

**Locate Sentinel Keys**

Locate Sentinel Keys by

☐ Customer: DIGI Singapore

☐ Product Key:

☒ C2V File:  ...

☐ Key ID:

Click to select one or more C2V files.

<input type="checkbox"/>	Key ID	Key Type
No data found.		

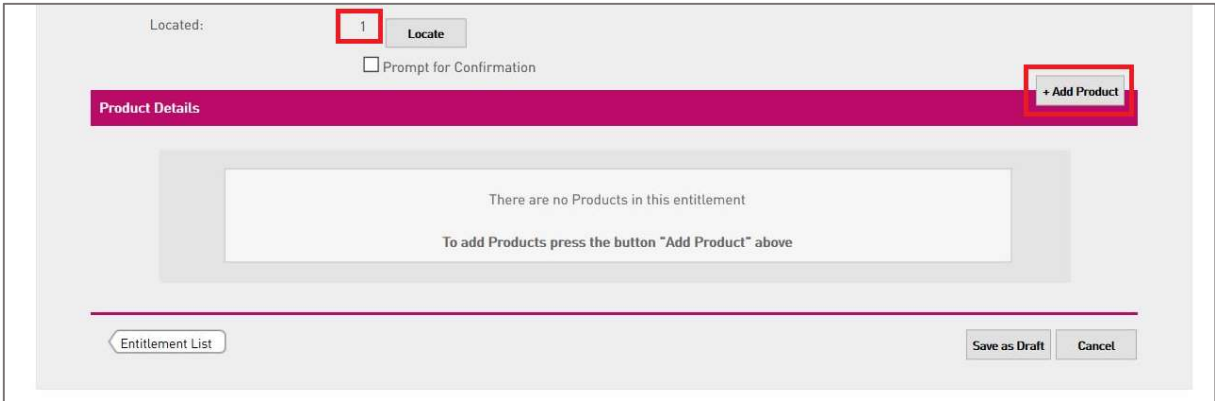
**Add To List**

**Sentinel Keys to Update** **Remove**

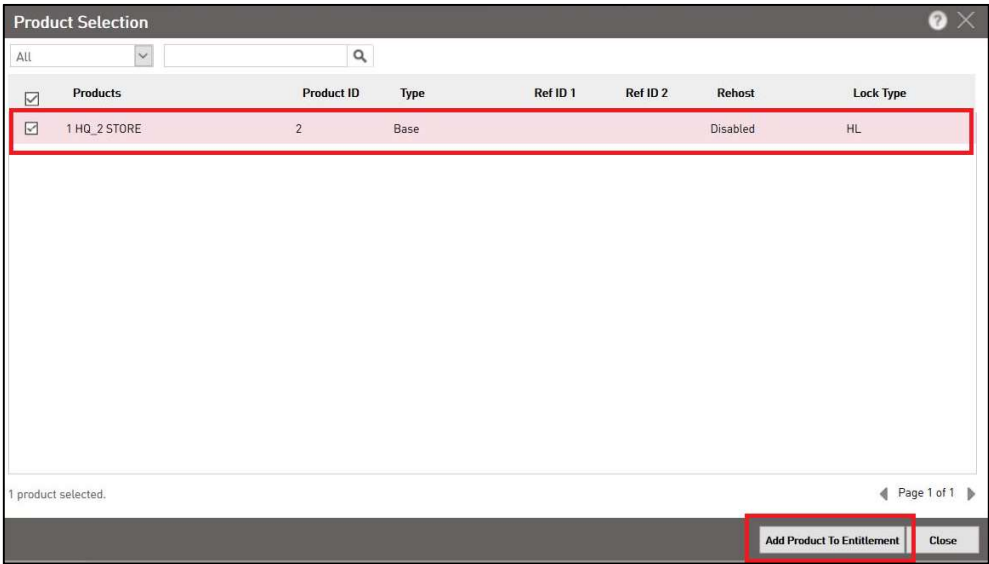
<input checked="" type="checkbox"/>	Key ID	Key Type
<input checked="" type="checkbox"/>	1708803528	Sentinel-HL-Pro

**OK** **Close**

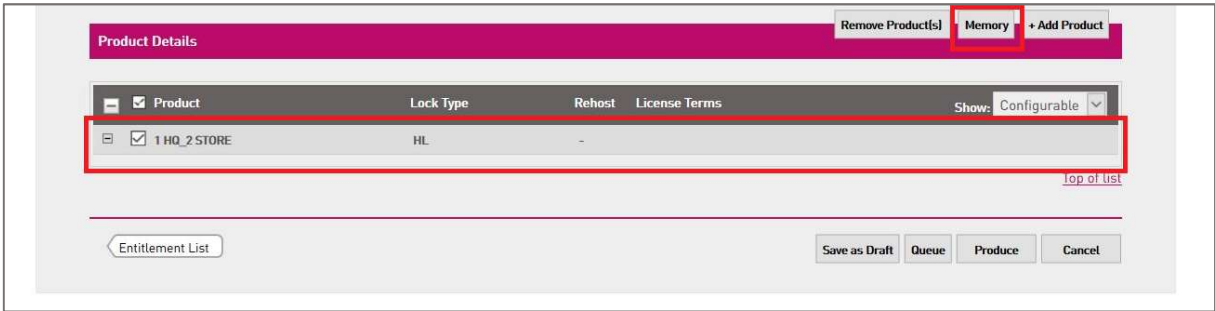
Step 14: Screen shows 1 Key ID selected, click + **Add Product** to proceed.



Step 15: In Product Selection pop-up, select a product. E.g. 1 HQ\_2 STORE  
Click **Add Product To Entitlement**.



Step 16: Check the Product and click **Memory**



Step 17: Select Type as **Default Memory**.  
Select Memory Type as **Read-Only Memory**  
Click **Save**

Memory

Type: Default Memory

Memory Type: Read-Only Memory ☒ Hex addresses

ID	Name	Description	From	To	Length	Specify	Text
0	1 HQ_2 STORE		0x0000	0x000B	12	No	00000100

New Edit Delete Save Load Undo Map

Save Cancel

Step 18: Click **Produce**

Product Details

Remove Product(s) Memory + Add Product

Product Lock Type Rehost License Terms Show: Configurable

1 HQ\_2 STORE HL -

Entitlement List

Save as Draft Queue Produce Cancel



Step 19: On Generate License pop-up, default License Output Type set as V2C. Click **Generate**.

**Generate License**

**Order Details**

Customer: DIGI Singapore Email: -  
Activations: 1 Remaining Activations: 1  
Ref ID 1:  
Entitlement Comments:  
Ref ID 2:  
Products:

Product	Lock Type
1 HQ_2 STORE	HL

Download **RUS**, a tool to generate C2V ➔

**Activation Details**

License Output Type: ☒ **V2C** ☐ EXE ☐ Clear key before applying updates  
Comments:  
Send Email: ☐

**Generate** **Cancel**

Step 20: Click the **Download V2C File** link to download the file.

**Generate License**

V2C generated successfully

**Order Details**

Customer: DIGI Singapore Email: -  
Activations: 1 Remaining Activations: 1  
Ref ID 1:  
Entitlement Comments:  
Ref ID 2:  
Products:

Product	Lock Type
1 HQ_2 STORE	HL

Download **RUS**, a tool to generate C2V ➔

**Activation Details**

Key ID	Lock Type	Activation Date	Comments
1708803528	Sentinel-HL-Pro (Driverless)	2018-06-21	<b>Download V2C File</b>

**Close**

Step 21: Send the new licence V2C file to customer.

Step 22: Updated key record is created.

Sentinel EMS  
ENTITLEMENT MANAGEMENT SYSTEM

Welcome admin | Help

HomeCatalogEntitlementsCustomersReportsAdministrationDeveloper

EntitlementsProduct KeysCheck In C2VCheck In KeyRecycle

AllBatch Code: DBXIZ

+ New Entitlement

Type	Created On	Customer	Ref ID 1	Status	Actions
Key Update	6/21/2018	DIGI Sin...		Completed	

Entitlement Details

EID: 194fe0a7-2e5e-441e-97d7-bee75e9bb27e

Status: CompletedProtection Type: LDK License

Enabled: Yes

Customer Name: DIGI SingaporeE-mail: -

Channel Partner: -E-mail: -

Ref ID 1:Start Date: 6/21/2018Ref ID 2:End Date: Unlimited

Comments:

Entitlement Type: Protection Key UpdateNumber of updates: 1 View

Created By: admin

Prompt for Confirmation: No

Key ID: 1708803528

ProductsLock Type

1 HQ\_2 STOREHL

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