

# Google Wallet Smart Tap Integration

**User Manual (Windows)** 

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#### Table 0-1 - Revisions

Rev Number	Date	Notes
100	September 24, 2024	Initial Release

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# **1** Introduction

## **1.1** About This Document

This document provides instructions to use the *DynaFlex*, *DynaProx Utility* software for configuring a device to accept Google Wallet Smart Tap Passes. It is part of a larger library of documents designed to assist implementers. For details, see the product Support pages on <u>www.magtek.com</u>.

The following documents are essential:

• D998200383 DynaFlex Family Programmer's Manual (COMMANDS)

## **1.2** System Requirements

- A Windows 10 host with available USB port
- Microsoft .NET 4.6.1 and above installed on the host
- Microsoft Access Database Engine 2016 Redistributable installed on the host
- USB-C cable with USB Type-A or USB-C for host connection
- Software *1000007406 DynaFlex, DynaProx Utility*, provided by MagTek

### **1.3** How to Download, Install, and Launch the Software

To download *DynaFlex*, *DynaProx Utility* software, follow these steps.

- 1) Download the software with the name *1000007406.zip* (*DynaFlex*, *DynaProx Utility*) from MagTek.
- 2) Extract the .zip file on the host's hard drive.
- 3) Install the *AccessDatabaseEngine.exe* from the folder *Access Database Engine* in the extracted folder.
- 4) Download and install Microsoft .NET 4.6.1 or above from https://dotnet.microsoft.com/download/dotnet-framework.
- 5) Launch *DynaFlexUtility.exe*.
- 6) See the steps in the sections below to connect to a device.

## **1.4** Device Requirements

• For Apple VAS and Google Wallet VAS transactions, see instructions for configuration in the SDK document appendix:

D998200380 MAGTEK UNIVERSAL SDK PROGRAMMER'S MANUAL (MICROSOFT .NET)

# 2 How to Connect to Devices Using DynaFlex Utility

To connect via an interface listed in the **Connection Type** box, follow these steps.

# 2.1 How to Connect Using the USB Connection

- 1) For best results, use the cable that is included with the device.
- 2) Connect the USB-C end of the cable to DynaFlex device.



Figure 2-1 - Connecting DynaFlex to a USB Host

- 3) If you plan to route the cable out the back of the device, route the cable through the cable management clip to change its direction. Even if you are not routing out the back, you may use the cable clip for strain relief, to help stabilize the mechanical connection when cardholders or operators move the device or the cable.
- 4) Route the cable in the desired direction (e.g., out the back, left, right, or down into the countertop).
- 5) Connect the other end of the USB cable to the host's USB port.
- 6) As soon as the device starts receiving power through USB, it automatically powers on.

7) Launch the DynaFlex Utility and select **DynaFlex** device in the **Device Type** list, then press the connect button.

Device [USB DynaFlex] B62CA5F	Secure Connection	MACTER
Address: ws://	i Info 🔍 Scan	SECURITY FROM THE INSIDE
Client Cert Filepath: Certificate file path.	Password:	

8) The **Output** log shows the status of the connection.

Output:		
Connecting to [USB DynaFlex] B [CONNECTED]	CASF	~
	Log Type: Simple	<ul> <li>✓</li> <li>✓</li></ul>

9) To disconnect the device, press **Disconnect** button.

Device:	[USB DynaFlex] B62CA5F	✓ Secure Connection	*# 💘 🞯 Reset		MACTER
Address:	ws://		i Into 🔍 Scan	- ( <u>3</u> %-	SECURITY FROM THE INSIDE
Client Cer	t Filepath: Certificate file path.	Passwor	d: 🛛 🐼		

## 2.2 How to Connect Using the Bluetooth LE Connection

The following instructions are for pairing the DynaFlex II GO to a PC.

 Launch the DynaFlex Utility to connect to the device by USB connection. Obtain Bluetooth LE Device name from selectin the Settings tab, WIRELESS / BLE menu, and at Bluetooth LE Settings press the Get button for Device Name.

Device: [USB DynaFle Address: \\?\hid#vid_08	ex II Go] BE000C0 801&pid_2024#6&2d	Secure Connection     Secure Connection	C Scan		
BARCODE READER	REQUEST PIN	Image: Password:           Image: Pa	ICE INFO 🕸 SETTINGS	X TOOLS	
SYSTEM	Wireless Settings		Bluetooth LE Settings		
USER INTERFACE	SSID:	Get Set	Device Name: Dy	ynaFlex-0935	Get Set
EMV   SRED	Security:	✓ Get Set	Passkey:		Get Set
TRANSACTION	Host Protocol:	✓ Get Set	Connection Interval:	ms Min 🗸	Get Set
WIRELESS   BLE	Device Hostname: [	Get Set	Slave Latency:	ms	Get Set
UPDATE	Password:	Get Set	Supervision Timeout:	ms	Get Set

2) Place the device into Pairing Mode by pressing and holding the power button on device until 4 beeps and release the button. The 4th LED will blink green.



On the PC, open Settings and choose Bluetooth & other devices. Make sure the "Bluetooth" is turned ON. On the right panel, choose Add Bluetooth or other device.

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← Settings	
命 Home	Bluetooth & other devices
Find a setting	+ Add Bluetooth or other device
Bluetooth & other devices	Plaetooth On

4) At the **Add a device** window, select **Bluetooth**.

Add a device	×
Add a device Choose the kind of device you want to add.	
Bluetooth Mice, keyboards, pens, or audio and other kinds of Bluetooth devices	

5) To pair, click on the device name that was been retrieved from DynaFlex Utility.

Add a	device			×
Ad	d a device			
Make conn	e sure your device is turned on and disco ect.	verable. Se	lect a device below to	
<b></b>	<b>DynaFlex-0935</b> Connecting			Î
	Enter the PIN for DynaFlex-0935.			
	Connect		Cancel	

6) Enter the PIN, ("000000" by default), and press **Connect**.

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- 7) Go back to DynaFlex Utility, disconnect the current USB connection.
- 8) Click on **Device** list to find the added BLE device similar as below.



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# 3 Update Firmware

1) Press the **Settings** tab, and then select the **Update** menu.

Device: [USB DynaFle Address: \\?\hid#vid_08 Client Cert Filepath: Ce	ex] B62CA53 V 801&pid_2020#6&1faf27a rtificate file path.	Secure Connection c&0&0000#{4d1e55b2-f16	Image: Second		MAGTEK
BARCODE READER	REQUEST PIN     1     1     1     1	FC C TRANSACTION	🚯 DEVICE INFO 🔯 SET	TINGS 🛠 TOO	LS
SYSTEM	Firmware Update				
USER INTERFACE	Firmware Type:	~	Update Firmware		
EMV   SRED	Progress:				
TRANSACTION	Status:				
WIRELESS   BLE					
<b>V</b> PDATE					

2) Select the **Firmware Type**, press the **Update Firmware...** button. Navigate and select the firmware file.

SYSTEM   USER INTERFACE   EMV   SRED     MainApp   Wireless
WIRELESS   BLE

3) Check the status displayed in the software.



# 4 Send The Command Set

#### 1) Select the **Tools tab**, and select the **SEND COMMAND** menu.

Device: [USB DynaFlex] B548705 Address: \\?\hid#vid_0801&pid_2024#6&ccc Cert path: Certificate file path.	Secure Connection	Info         Scan           Info         TLS	<b>MAGTEK</b> security from the inside
Barcode Reader    CONFIGURATION TOOL    OID CONVERTER    TLV PARSER    SEND COMMAND    ONBOARDING CERT    HOST CERT CONFIG	In NFC CE TRANSACTION	DEVICE INFO     Se	Send Ext

2) Below the Output box, change the **Log Type** to **All Messages**. Because the Output box auto scrolls after each command sent, the bottom displays the response referenced in these instructions.

Output:	
09/25/2024 09:54:31:697 :: Sending: AA0081040117EF04842BEF0481010182207DD1722EC35C25737E7776D54D638C807EFC467EAF70A1F6909C518420CCCEE3830217DF 09/25/2024 09:54:31:697 :: Response: AA0081048218EF05820400000008408EF05810400000001 09/25/2024 09:54:31:697 :: ** Communication: -> AA-00-81-04-01-17-EF-04-84-2B-EF-04-81-01-01-82-20-7D- D1-72-2E-C3-5C-25-73-7E-77-76-D5-4D-63-8C-80-7E=FC-46-7E=AF-70-A1-F6-90-9C-51-84-20-CC-CE=E3-83-02-17-DF 09/25/2024 09:54:31:713 :: ** Device: Set Output : 000035AA0081040117EF04842BEF0481010182207DD1722EC35C25737E7776D54D638C807EFC467EAF70A1F6909C518420CCCEE3830217	^
09/25/2024 09:54:31:716 :: ** Communication: <- AA-00-81-04-82-17-EF-04-82-04-00-00-00-00 09/25/2024 09:54:31:716 :: [Response] AA0081048217EF0482040000000 09/25/2024 09:54:31:716 :: [OPERATION DONE: EF04]	~

3) Enter the following sequence of commands into the **Raw Command** text box.

**Note:** Commands may need to be copied and pasted to the **Raw Command** text box one line at a time.

a) Set Protection Key Command:

```
AA0081040117EF04842BEF0481010182207DD1722EC35C25737E7776D54D638C807EFC
467EAF70A1F6909C518420CCCEE3830217DF
```

Response:

```
Communication: <- AA-00-81-04-82-17-EF-04-82-04-00-00-00-00
```

#### b) Set Your Long Term Key Command:

AA0081040118EF05848196EF058101018204000000183020079858180B402AA3EC2EC 15DE2DCF8B06C75038DD0CBDA17C03FE6A71DBF2757A6CD050C39B99E2E190FC11C80E B07F0E6E1CA4B19A2FCEF4D35C48E0CF545045FC5F1E5C2973A8A8A05B33EBABD1D9A8 FE6CBC7E55A1083AD3CB00B452504015A96A82E3F0F49ACE94F20622251705071B73A5 6E8DAD2B971CD8865ACCB66A169DF0BEF88602BB2E

#### Response:

Communication: <- AA-00-81-04-82-18-EF-05-82-04-00-00-00-00-84-08-EF-05-81-04-00-00-00-01

#### c) Retrieve your key version Command:

AA008104010AEF058405EF05810100

#### Response:

Communication: <- AA-00-81-04-82-0A-EF-05-82-04-00-00-00-00-84-08-EF-05-81-04-00-00-00-01

#### d) Set Collector ID Slot 1 with value Command: "DF7C083230313830363038DF7D0103"

AA0081040110D1118429D11181072B06010401F6098501018919E117E115E113E111D0 0FDF7C083230313830363038DF7D0103

#### Response:

Communication: <- AA-00-81-04-82-10-D1-11-82-04-00-00-00-00-84-82-00-29-D1-11-81-07-2B-06-01-04-01-F6-09-85-01-01-89-19-E1-17-E1-15-E1-13-E1-11-D0-0F-DF-7C-08-32-30-31-38-30-36-30-38-DF-7D-01-03

e) Set Google Wallet Smart Tap POS Capability Command: (this sample set value to 08140300)

AA008104010BD111841ED11181072B06010401F609850101890EE10CE10AE108E106DA 0408140300

#### Response:

Communication: <- AA-00-81-04-82-0B-D1-11-82-04-00-00-00-00-84-82-00-1E-D1-11-81-07-2B-06-01-04-01-F6-09-85-01-01-89-0E-E1-0C-E1-0A-E1-08-E1-06-DA-04-08-14-03-00

# 5 Add Google Smart Tap Pass to Google Wallet

The following instructions is for installing a demo test Google Pass into an Android device. This pass is identified as Collector ID 20180608

 Follow the link below. The link can be sent to an Android device by email. <u>https://pay.google.com/gp/v/save/eyJhbGciOiJSUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiJnb29nbGUiL</u> <u>CJvcmlnaW5zIjpbImh0dHA6Ly9sb2NhbGhvc3Q6ODA4MCJdLCJpc3MiOiJnb29nbGUtcGF5LWZvci1</u> <u>wYXNzZXMtZ3RIY2hAcGF5LXBhc3Nlcy1zbWFydC10YXAtc2FtcGxlLmlhbS5nc2VydmljZWFjY29</u> <u>1bnQuY29tIiwiaWF0IjoxNTI5OTU2MDcwLCJ0eXAiOiJzYXZldG9hbmRyb2lkcGF5IiwicGF5bG9hZC</u> <u>16eyJsb3lhbHR5T2JqZWN0cyI6W3siY2xhc3NJZCI6IjMyNjUzMjAxMTE2NDE5NTYxODMuMDYxO</u> V9nb29nbGVEZW1vVGVzdCIsInN0YXRIIjoiYWN0aXZIIiwiaWQiOiIzMjY1MzIwMTExNjQxOTU2 <u>MTgzLjA2MTlfZ29vZ2xlRGVtb1Rlc3Qtb2JqMDEifV19fQ.MjUBdBtGyQwcE3xI-</u> <u>q6tVNBiApZppLMp0Op0XvB-c31Ri-</u> <u>JttJCzGXZvURNvKFDGXTNQQDqVBgQziuBMR\_ZL0\_lp7q8B5nwfSR32I0Kr220n3CezAsikaM5rKV</u> <u>f83UXT9fvqagnRn0QVVuS7fyLLc9nBDxRhRnkqEz2dQPgrNZ1u2AEJBPSoM6sLTeHssOWUMp7dg</u> <u>W6REJg7NUcczXJgLSOpAmD08G14q1qfS5T4Jb4knwPeIMnggNMjHcSBmz0z6W4DGD5Ld16nKOt</u> y4TvoDh4EevEJF7U7UQcOwIpozIXRVKs8rlqEXMObGsrk4hPM-I2p6H4DBrVcpyG8HD6Iug

- 2) If not already signed in, sign in with a Google account from the Android device.
- 3) After accessing the Google Smart Tap Pass, press on Add.



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# 6 Google Wallet VAS Transaction

 Select the Transaction tab, select the DEMO menu, select the desired Transaction Type, and then select the Google Wallet PASS option.

BARCODE	READER 📵 REQUEST PIN 📋 NFC 🚈 TRAN	NSACTION 1 DEVICE INFO 1 State	ETTINGS 🛠 TOOLS
> DEMO	Transaction	Options	
<b>J</b> DLINO	Amount: 1 Type: 00 - Purchase V	Reader Mode	User Interface
RESULT	Cashback: 0 Processor: V		😯 Override Final Message: 🗸
	Tax Rate: 10 % 🔯 Tip/Tax Options	🗌 🗰 Apple VAS	Bypass Signature for MSR (Chip Card) 🔮
	Show Tip	Google Wallet PASS	Suppress "THANK YOU" Message 💡
	Show Tax		Manual Card Entry:
	Show Amount	Manual Card Data Entry	🕜 UI Sequence: 🗸 🗸
	Display Message	QuickChip V EMV Only	🚱 Beeper Feedback: 🗸 🗸
			😮 Entry Format: 🗸 🗸

- 2) Select a VAS mode from the **VASMode** list.
  - Single Mode

The device reads only VAS data from a tapped smartphone or reads EMV payment data from a tapped card. When the device sends ARQC to conclude the transaction, it only includes either EMV payment data in container FC for cards, or includes VAS data in FE container for smartphones.

• Dual Mode

The device reads both VAS data and EMV payment data from a tapped smartphone or reads EMV payment data from a tapped card. When device sends ARQC to the host to conclude the transaction, it includes EMV payment data in container FC and includes VAS data, if available, in container FE.

• VASOnly Mode

The device reads only VAS data from a tapped smartphone and does not read data from a tapped card. If the tapped smartphone does not support VAS, the device does not detect or read from the smartphone. When the device send ARQC to conclude the transaction, it includes VAS data in container FE and does not include EMV payment data in container FC.

	1	Event Mode	Transaction
Signature Capture		☐ Host-Driven Fallback ✓ Event-Driven Transaction	Timeout(sec): 255 Currency: US ∨ Merchant ID: Currency Exp: 2
	1		Category: 0 Custom Data:
			VASMode: Single
Output:			Dual VASOnly

3) Press the **Start EMV Transaction** button to start the transaction.

BARCODE	READER REQUEST PIN 🕆 NFC 🐼 TRANS/	ACTION DEVICE INFO 🕸 SE	ETTINGS X TOOLS
	Transaction	Options	
DEWIC	Amount: 1 Type: 00 - Purchase V	Reader Mode	User Interface
RESULT	Cashback: 0 Processor: V		Override Final Message:     V     Bypass Signature for MSR (Chip Card)
	Tax Rate: 10 % 🔯 Tip/Tax Options	Google Wallet PASS	Get Signature From Device
	Show Tip	Barcode	Suppress "THANK YOU" Message 🔗
	Show Amount	P Manual Card Data Entry	Manual Card Entry:

- 4) Present the payment device with Google Wallet near the reader to continue the contactless transaction.
- 5) To view the transaction result after the transaction is completed, press **RESULT** menu. Parsed details can be seen in the **ARQC** tab, which shows details of the FE TLV object containing the Google Wallet VAS data. The status is displayed in the **Output** log.

BARCODE READ	ER	REQUES	T PIN 🛛 🖞	🕆 NFC		<b>O DEVICE INFO</b>	© SETTINGS	* TOOLS		
DEMO	Fransacti	ion Resul	lt						崔 Clea	r Result
RESULT	ARQC	Batch	MSR Data	3						
	Tag	Length	n		Value			D	escription	
	DF7B	47	D40329	61737694	401066904010000000	54021A6C799403096F6	964049D Unkno	wn		
	DFDF2	25 7	4235334	41373838	1		IFD Se	rial Number (b	inary)	
	DFDF5	4 10	9070030	0B53A78	3000249		MAC H	(SN Data		
	DFDF5	5 1	82				MSR E	ncryption Type	2	
	F9	96	DFDF54	0A90700	30B53A788000249DFD	F550182DFDF25074235	3341373 Contai	iner for Generic	c Data	
	FE	62	FF41820	0039FF01	820034DF7B82002FD4	03296173769401066904	1010000C VAS D	ata Container		
	FF01	52	DF7B82	002FD40	3296173769401066904	01000000054021A6C7	9940309 VAS C	ontainer Slot 1	Container	
	FF41	57	FF01820	0034DF7E	82002FD40329617376	9401066904010000000	054021A Unkno	wn		
	$\sim$									
									_	
										<u> </u>
Output:										
02/15/2024 08:55	:43:30	4 :: []	Fransac	tion S	tartedl					
02/15/2024 08:55	:43:30	7 :: An	nount=1	, Time	out=255, Transa	ction Type=0				
02/15/2024 08:55	:43:30	8 :: MS	SR=Fals	e, Con	tact=False, Con	tactless=False				
02/15/2024 08:55	47:33	9 :: Ti	ransact	ionSta	tus: [Card Dete Reguest]	cted]				
02/15/2024 08:55 0064F9820060DFDF	540290	3 :: [# 70030B5	5327880	002490	FDF550182DFDF2	074235334137383	8FE82003EFF4	1820039FF	018200	4DF7B82002F
D403296173769401	066904	0100000	0000540	21A6C7	99403096F696404	9DDF3F44CCB67F5	959010501546	5E00323031	380000	E7ADC5F
02/15/2024 08:55	:47:38	5 :: [1	Fransac	tion R	esult]					
007AF9820076DFDE	540A90	70030B5	53A7880	002490	FDF550182DFDF2	074235334137383	8FA82003EF08	28200F182	000ADF	F1A0102DFDF
180100FE82003EFE	418200	39FF018	320034D	007219	02FD4032961737	940106690401000	0000054021A	5C79940309	616964	49DDF3F44CC
D0/1393901030134	020032	3031360	0000000	007210	OAO				_	

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# 7 TLV Parsing/Forming of the Command Set

For more information on Google Wallet Smart Tap see document D998200597 DynaFlex II Go Programmer's Manual (COMMANDS).

Property 1.1.1.1.10 Google Smart Tap Collector ID Slot 1 Property 1.1.1.1.11 Google Smart Tap Collector ID Slot 2 Property 1.1.1.1.12 Google Smart Tap Collector ID Slot 3 Property 1.1.1.1.13 Google Smart Tap Collector ID Slot 4 Property 1.1.1.1.14 Google Smart Tap Collector ID Slot 5 Property 1.1.1.1.15 Google Smart Tap Collector ID Slot 6 Property 1.1.1.1.1.14 Google Smart Tap Collector ID Slot 6

The section uses the following sample values for demonstration purposes. Keys, Collector ID, and Capability will need to be replaced with actual values during integration.

(Protection Key - Key 0) 7DD1722EC35C25737E7776D54D638C807EFC467EAF70A1F6909C518420CCCEE3

(Google Sample Key - Key 1) 30770201010420826D17E50767B165B0E4D9E332F8D1D1E20224284FB4DAF1E50A03246E70797D A00A06082A8648CE3D030107A14403420004721C978FCEBDCDF98A8518BDC4FEDFD802B4EE4 128E2513B665593375E238786014E7CBE8511915DC5337AF57DCD248F2653C7A6AAAEE6913096 FD71C85BC4D7

## 7.1 Protection Key

AA0081040117EF04842BEF0481010182207DD1722EC35C25737E7776D54D638C807EFC467EAF70 A1F6909C518420CCCEE3830217DF

```
AA00

[81] [4] 0117EF04

[84] [43]

EF0481010182207DD1722EC35C25737E7776D54D638C807EFC467EAF70A1F6909C5184

20CCCEE3830217DF

EF04

[81] [1] 01

[82] [32]

7DD1722EC35C25737E7776D54D638C807EFC467EAF70A1F6909C518420CCCEE3 (AES

Key : Key 0)

[83] [2] 17DF (CRC for content of Key

0) CRC16_MCRF45X(7DD1722EC35C25737E7776D54D638C807EFC467EAF70A1F6909C

518420CCCEE3)
```

## 7.2 Long Term Key

 $AA0081040118EF05848196EF058101018204000000183020079858180B402AA3EC2EC15DE2DCF8\\B06C75038DD0CBDA17C03FE6A71DBF2757A6CD050C39B99E2E190FC11C80EB07F0E6E1CA4B\\19A2FCEF4D35C48E0CF545045FC5F1E5C2973A8A8A05B33EBABD1D9A8FE6CBC7E55A1083AD\\3CB00B452504015A96A82E3F0F49ACE94F20622251705071B73A56E8DAD2B971CD8865ACCB66\\A169DF0BEF88602BB2E$ 

AA00

[81] [4] 0118EF05

[84] [150]

EF058101018204000000183020079858180B402AA3EC2EC15DE2DCF8B06C75038DD0C BDA17C03FE6A71DBF2757A6CD050C39B99E2E190FC11C80EB07F0E6E1CA4B19A2FCEF4 D35C48E0CF545045FC5F1E5C2973A8A8A05B33EBABD1D9A8FE6CBC7E55A1083AD3CB00 B452504015A96A82E3F0F49ACE94F20622251705071B73A56E8DAD2B971CD8865ACCB6 6A169DF0BEF88602BB2E

EF05

[81] [1] 01 [82] [4] 00000001 [83] [2] 0079 [85] [128]

B402AA3EC2EC15DE2DCF8B06C75038DD0CBDA17C03FE6A71DBF2757A6CD050C39B99E2 E190FC11C80EB07F0E6E1CA4B19A2FCEF4D35C48E0CF545045FC5F1E5C2973A8A8A05B 33EBABD1D9A8FE6CBC7E55A1083AD3CB00B452504015A96A82E3F0F49ACE94F2062225 1705071B73A56E8DAD2B971CD8865ACCB66A169DF0BEF8 (Encrypted

Key AES(Key 1) with Key 0)

[86] [2] BB2E (CRC for encrypted

key) CRC16\_MCRF45X(B402AA3EC2EC15DE2DCF8B06C75038DD0CBDA17C03FE6A71DB F2757A6CD050C39B99E2E190FC11C80EB07F0E6E1CA4B19A2FCEF4D35C48E0CF545045 FC5F1E5C2973A8A8A05B33EBABD1D9A8FE6CBC7E55A1083AD3CB00B452504015A96A82 E3F0F49ACE94F20622251705071B73A56E8DAD2B971CD8865ACCB66A169DF0BEF8)

PRIVATE

Key 30770201010420826D17E50767B165B0E4D9E332F8D1D1E20224284FB4DAF1E50 A03246E70797DA00A06082A8648CE3D030107A14403420004721C978FCEBDCDF98A851 8BDC4FEDFD802B4EE4128E2513B665593375E238786014E7CBE8511915DC5337AF57DC D248F2653C7A6AAAEE6913096FD71C85BC4D7

Encrypted

LTPK B402AA3EC2EC15DE2DCF8B06C75038DD0CBDA17C03FE6A71DBF2757A6CD050C3 9B99E2E190FC11C80EB07F0E6E1CA4B19A2FCEF4D35C48E0CF545045FC5F1E5C2973A8 A8A05B33EBABD1D9A8FE6CBC7E55A1083AD3CB00B452504015A96A82E3F0F49ACE94F2 0622251705071B73A56E8DAD2B971CD8865ACCB66A169DF0BEF8 CRC for Key BB2E

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# 7.3 Retrieve Your Key Version

AA008104010AEF058405EF05810100

AA00 [81] [4] 010AEF05 [84] [5] EF05810100 EF05 [81] [1] 00 ( Get Key version)

Response : AA008104820AEF05820400000008408EF05810400000001

AA00

[81] [4] 820AEF05
[82] [4] 00000000
[84] [8] EF0581040000001

EF05

[81] [4] 0000001

# 7.4 Set Collector ID Slot 1

With value DF7C083230313830363038DF7D0103

AA0081040110D1118429D11181072B06010401F6098501018919E117E115E113E111D00FDF7C0832 30313830363038DF7D0103

AA00

[81]	[4]	0110D1	11
[84]	[41]	D11181	072B06010401F6098501018919E117E115E113E111D00FDF
		7C0832	30313830363038DF7D0103
Ľ	0111		
	[81	.] [7]	2B06010401F609
	[85	5] [1]	01
	[89	9] [25]	E117E115E113E111D00FDF7C083230313830363038DF7D0103
	DF7	7C [08]	3230313830363038 Collector ID
	DF7	7D [01]	03 (Type)

# 7.5 Set Google Smart Tap POS Capability

This sample sets value to 08140300

AA008104010BD111841ED11181072B06010401F609850101890EE10CE10AE108E106DA040814030 0

```
AA00

[81] [4] 010BD111

[84] [30]

D11181072B06010401F609850101890EE10CE10AE108E106DA0408140300

D111

[81] [7] 2B06010401F609

[85] [1] 01

[89] [14] E10CE10AE108E106DA0408140300
```