

ProPay Mobile Processing Solutions

Simulated Responses

Version 10.17.0

ProPay Supported Swipe Devices

ProPay approved swipe devices encrypt credit card track data at the head as the card is swiped. The encrypted data is then transmitted to the connected device as an encrypted block. Elements of the encrypted block can be submitted to various methods of the ProPay API.

Make	Model	Part Number	
Dynamag	MagTek Dynamag	21073075	
FLASH Card Reader 1.0	MagTek MagneSafe m20	21073034 (Rev-F)	
FLASH Card Reader 2.0	MagTek flash	21073081 (Rev-C)	
JAK 3.0	Magtek aDynamo	21073111	
JAK 4.0	Roam	G5X	

A list of compatible Phones for JAK 3.0/4.0 can be found at:

<http://www.propay.com/products-services/accept-payments/jak-card-reader/androiddevices/>

Software Development Kit

ProPay offers a .NET Software Development Kit for the ProPay supported devices to assist developers in incorporating a swipe device into their developed or developing software solution. Please request additional information from your relationship manager.

Supported API Methods

The following ProPay API methods accept encrypted track data:

- 4.3.2 Credit Card Authorization Transaction
- 4.3.4 Credit Card Authorization Transaction


```
MagnePrint.Status=  
Card.IIN=510265  
Card.Name=TEST/INTEGRATION  
Card.Last4=8881  
Card.ExpDate=1905  
Card.SvcCode=101  
Card.PANLength=16  
Device.Serial=B846B70420002500
```

Sample API Submission

```
<encryptingDeviceType>MagTekDynamag</encryptingDeviceType>  
<keySerialNumber>kBAkCxVMVAAFnw==</keySerialNumber>  
<encryptedTrackData>s6wFoNi1lfIcW7zOs4JgEnntZ9RqL+ta+7Jkk8MJv1oFDKaLswcS132IV8CAp/QSUcrBh0DrMHI=</encryp  
tedTrackData>  
<encryptedTrack2Data>pxj/+2l/ND95IzbrW+aTtvXRdl15b8q4eldoUJxWttsjw6KQXKL9lw==</encryptedTrack2Data>
```

MAGTEK KBE Sample (Keyboard Emulator)

Sample Device Data Dump

```
%B510200000001574^TEST/INTEGRATION^1911000000000000?;510200000001574=1911000000000000000?|0600|FD3EC  
D4B76B86DA3355CC4A2E3F94FD8BFF2DB6251F6EAED2E6D41538042EA1258BC3E08F3CCA3718CDC16F41A59115BBAAE4F5193439  
6DB|7BB2E8106D6FC66E5947EAAE78B92E67C08753AD6B827CBF5FE2A8CF361671087E4B5807E162477A||61401000|14006546F  
2792145D8893590361CABDA288BA8D7763B0A27006596B93A3E9B2800E06D7973A6FA93A2C317F572C353247F531706946EDF32|  
B39740E022817AA|A5F307595C0E0280|9010240B39740E00000E|F125||0000
```

Pipe '|' Delimited Array Elements From Swipe:

```
[0] %B510200000001574^TEST/INTEGRATION^1911000000000000?;510200000001574=1911000000000000000?  
[1] 0600  
[2] FD3ECD4B76B86DA3355CC4A2E3F94FD8BFF2DB6251F6EAED2E6D41538042EA1258BC3E08F3CCA3718CDC16F41A59115BBAAE4F51934  
396DB  
[3] 7BB2E8106D6FC66E5947EAAE78B92E67C08753AD6B827CBF5FE2A8CF361671087E4B5807E162477A  
[4]  
[5] 61401000  
[6] 14006546F2792145D8893590361CABDA288BA8D7763B0A27006596B93A3E9B2800E06D7973A6FA93A2C317F572C353247F531706946  
EDF32  
[7] B39740E022817AA  
[8] A5F307595C0E0280  
[9] 9010240B39740E00000E  
[10] F125  
[11]  
[12] 0000
```

```
Element [2] - Encrypted Track 1  
Element [3] - Encrypted Track 2  
Element [9] - Key Serial Number
```

Sample API Submission

```
<encryptingDeviceType>MagTekDynamag</encryptingDeviceType>  
<keySerialNumber>kBAkCz10DgAADg==</keySerialNumber>  
<encryptedTrackData>/T7NS3a4baM1XMSi4/1P2L/y22JR9urtLm1BU4BC6hJYvd4I88yjcYzcFvQaWRFbuq5PUZNDlts=</encryptedTra  
ckData>  
<encryptedTrack2Data>e7LoEGlvxm5ZR+queLkuZ8CHU61rgny/X+KozzYWCqh+S1gH4WJHeg==</encryptedTrack2Data>
```

