



April 25<sup>th</sup>, 2017

911 Software

Attn: Jim Min

Address :

RE: EMV Certification – EMV Certification – American Express AEIPS 6.3 and Expresspay EMV 1.5

Dear 911 Software,

This letter applies to the following EMV point of sale transaction processing environment:

Certification details	
Terminal Type	Attended, online and offline, contact and contactless
Terminal Brand	Ingenico
Terminal Model	iPP320
Software Application Name	Cloud9 Payment Gateway
Software Version	1.1
PIN Pad Device Name	N/A
PIN Pad Software Application	N/A
PIN Pad Software Version	N/A
Level 1 Approval Reference(s)	12348 0210 400 20 FIM (Contact) 10485 1015 231 231b 231a CEM (Contactless)
Level 2 Approval Reference(s)	2-02779-1-1C-UTS-0314-4.3.c (Contact) 300.CHYP.13.ING.iPP320-CL2.161115-F-R (Contactless)
EMV Kernel(s), including version	EMVDC Version 4.67
Waivers and Exceptions	N/A

We are able to confirm that the above device/software has satisfied all testing requirements for the First Data EMV Certification.

First Data certification tests are a series of online tests between an EMV card accepting device (including PIN entry devices) and various issuer's authorization system. These tests verify that EMV cards are processed correctly according to the EMV specification of American Express, excluding any exception noted in the 'Waivers and Exceptions' sections of the table, as per the results of the tests completed on April 3<sup>rd</sup>, 2017.

Based upon the results of the tests, First Data hereby grants the above referenced device and transaction processing application approval for acquirer certification.



Contact Details			
Name of Company Requesting Certification	First Data - North		
Contact Name	Saba, Sujit	Phone	
Contact Address	1307 Walt Whitman Rd, Melville, NY 11747		Email <a href="mailto:Sujit.Saba@firstdata.com">Sujit.Saba@firstdata.com</a>
Name of Company Performing Testing for Certification (if applicable):	911Software		
Contact Name	Jim Min	Phone	
Contact Address	2655 Federal HWY 263, Deerfield Beach, FL		
Device Manufacturer	Ingenica		
Manufacturer Contact Name		Phone	
Manufacturer Address			
Device Types			
Device Provider Type	Gateway	Device Interface	Dual Interface
Device Communication Capabilities	Offline with Online	PIN Pad	Integrated
Region Deployed	America	Device Received Waiver	No
Test Card Type Used	Card Simulator	Device Part of Family	Yes
Certification Test Plan			
Contact Test Plan and Version	AEIPS 4.3	Test Tool Name and Version	ULBTTS 2.0
Contactless Test Plan and Version	Expresspay EMV 1.5	Maxreq Specification	GCAG
Device Details			
Device Name/Model	Ingenica IPP320	Device Software Name	Cloud9 Payment Gateway v1.1
Acquirer/Processor Platform	First Data - North	Device Provider Name (Name of ISO/PAAS/Processor or Name of Merchant with Custom Application)	Ingenica
PIN Pad Kernel Name and Version		PIN Pad Name	
Contact Kernel Name and Version	EMVCO Version 4.6.7	PIN Pad Software Name and Version	
POPTS Approval Number	4-20184	Contactless Kernel Name and Version	PCD22P SW Version 02.30
POPTS Product Type	PED	POPTS Expiry Date	4/20/2020
POPTS Version	3.0	Devices in Family	Tellum terminals
Countries Deployed	US		
Device Approval Details			
EMVCo L1 Contact Approval Number	12340 0210 400 20 FIM	EMVCo L1 Contact Expiry Date	2/2/2019
EMVCo L2 Contact Approval Number	2-02779-1-10-UTS-0314-4.3.c	EMVCo L2 Contact Expiry Date	2/28/2017
EMVCo L1 Contactless Approval Number	10485 1015 231231b 231a CEM	EMVCo L1 Contactless Expiry Date	10/2/2019
Expresspay L2 Contactless Approval Number	300.OHVP.12.ING.IPP320-CL2.161115-F-R	Expresspay L2 Contactless Expiry Date	11/16/2019
Contact		Contactless	
Card Authentication Methods		EMV Mode - End to End Test Plan	
DDA	Yes	Applicable terminal type	Offline and Online
SDA	Yes	Card Holder Verification Methods	
CDA	Yes	Signature	Yes
Card Holder Verification Methods		Online PIN	Yes
Signature	Yes	No CVM	Yes
Online PIN	Yes	Mobile Passcode	Yes
Offline Plaintext PIN	Yes	Additional Terminal Capabilities	
Offline Enciphered PIN	Yes	Applicable L2 version	Expresspay Level 2 certification version 3.0
No CVM	Yes	AEIPS and/or Magstripe	Yes
PIN Bypass	Yes	Online Refund	No
Terminal Capabilities		CVM Signature	Yes
Pre-authorization	No	CVM Online PIN	Yes
Offline Refund	Yes	Print Receipt	Yes
Online Refund	No	Language Preference	Yes
Cardholder Application Selection	Yes	Quick Chip	
Processor separate PIN pad	No	Test Plan Scope	
Upon Online PIN retry, terminal sends same new chip data	No	Select test plan scope	
Terminal sends new chip data in transaction after PIN retry	No	Card Authentication Methods	
Stand-in Processing		DDA	
Support Stand-in Processing	No	SDA	
		CDA	
		Card Holder Verification Methods	
		Signature	
		Online PIN	
		Offline Plaintext PIN	
		Offline Enciphered PIN	
		No CVM	
		PIN Bypass	
		Terminal Capabilities	
		Pre-authorization	
		Cardholder Application Selection	
		Processor separate PIN pad	

Sincerely,  
**Lisa Rue** Digitally signed by Lisa Rue  
Director, Client Certification  
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