

Date: 08/26/2019

911 Software Inc
 265 Federal Hwy
 #353
 Deerfield Beach, FL 33441

Dear Zorrik Voldman:

Heartland Payment Systems is pleased to issue this **Portico Certification Letter & EMV Parameter Sheet** for the following application(s):

<input checked="" type="checkbox"/> Fully Integrated	
<input type="checkbox"/> Quick Chip	
POS Model	On Track Innovations Ltd (OTI) / Saturn 6500
Gateway Name	Cloud9 Payment Gateway
Gateway Version	2.0

EMV Parameter Config Name	EMV Config Report
Environment	Unattended
Communication	Offline w/ Online Capability
Operational Control	Merchant

<input checked="" type="checkbox"/> Contactless Kernel Info	
EMV Kernel Name	03.00.00
EMVCo Level 1	10494 1115 231 231b 231a FIM 09/22/2019
AmEx ExpressPay L2	300.FIME.11.OTI.S6500.160704-R 07/04/2019
Discover D-PAS L2	Not Supported
MC PayPass L2	TLOA-OTIG160601-160928(a) 09/15/2019
Visa PayWave L2	CDOTI_1003 04/20/2019

EMV Parameter Sheet			
Card Data Input Capability		Data Authentication	
Terminal Type	25	MAX CA Public Key	248
Manual Key Entry	No	Exponents	3 & 2^16+1
Magnetic Stripe	Yes	Revocation of Issuer PK Certificate	Yes
IC with Contacts	Yes	Certificate Revocation List Format	RID/Idx/Ser
CVM Capability		Default DDOL	Yes
Plaintext PIN	No	Manual act. when CA PK loading fails	Yes
Online Enciphered PIN	No	CA PK verified with check sum	Yes
Signature (Paper)	No	Cardholder Verification Method	
Offline Enciphered PIN	No	Bypass PIN Entry	No
No CVM	Yes	Subsequent Bypass PIN Entry	No
Security Capability		Get Data for PIN Try Counter	No
SDA	Yes	Fail CVM	Yes
DDA	Yes	Amount known before CVM process	Yes
Card Capture	No	Terminal Risk Management	
CDA	Mode 1	Floor Limit Checking	Yes
Transaction Type Capability		Random Transaction Selection	Yes
Tran Type – Cash	No	Velocity Checking	Yes
Tran Type – Goods	Yes	Transaction Log	No
Tran Type – Services	Yes	Exception File	No
Tran Type – Cash Back	No	TRM irrespective of AIP setting	Yes
Tran Type – Inquiry	No	Terminal Action Analysis	
Tran Type – Transfer	No	Terminal Action Codes supported	Yes
Tran Type – Payment	No	TAC can be changed	Yes
Tran Type – Admin	No	TAC can be deleted or disabled	No

Tran Type – Cash Deposit	No	How does offline only Terminal process Default Action Codes?	N/A
Terminal Data Input Capability		How does online only terminal process TAC/IAC-Default when unable to go online?	N/A
Keypad	No	CDA failure detected prior TA Analysis	N/A
Numeric Keys	No	Completion Processing	
Alpha & Special Character Keys	No	Forced Online	No
Command Keys	No	Forced Acceptance	No
Function Keys	No	Advices	No
Terminal Data Output Capability		Issuer Referrals	No
Print, Attendant	No	Batch Data Capture	Yes
Print, Cardholder	Yes	Online Data Capture	No
Display, Attendant	No	Default TDOL	Yes
Display, Cardholder	Yes	Exception Handling	
Code Table 10	No	POS Entry Mode	02
Code Table 9	No	Miscellaneous	
Code Table 8	No	PIN Pad	No
Code Table 7	No	Amount and PIN on same keypad	No
Code Table 6	No	ICC/Magstripe Reader Combined	No
Code Table 5	No	If Combined, is Magstripe read first?	No
Code Table 4	No	Supports account type selection	No
Code Table 3	No	Supports 'on fly' script processing	No
Code Table 2	No	Issuer Script device limit > 128 bytes	No
Code Table 1	Yes	If limit > 128, value supported?	
Application Selection		Internal Date Management	No
PSE	Yes	Does the terminal support Receipt?	Yes
Cardholder Confirmation	No		
Preferred display order	No		
Partial AID Selection	Yes		
Multi language	No		
EMV Language Selection Method	No		
Common Character Set	Yes		

Industry:		Encrypted Devices:	
✓	Retail		E3 – M1 (HID – KB) using USB connection
	Restaurant		E3 – M1 (HID – MSR) using USB connection,
	Lodging		E3 – M1 (Virtual - COM) using USB connection,
	eComm		E3 – M1 (RS232) using DB9 connection,
	MoTo		E3 – P1 (PIN Debit AND/OR Keyed Credit) using USB connection
Card Types:			E3 – P1 (PIN Debit AND/OR Keyed Credit) using DB9 connection
	Credit (EMV Contact)	✓	AES-Encrypted 3 rd Party MSR
✓	Credit (EMV Contactless)		Voltage-Encrypted 3 rd Party MSR
	Debit (EMV)	General Features:	
Card Brand:			Secure Submit
✓	Visa		Multi-Use Tokenization
✓	MasterCard 5 Series		Mastercard Card Acceptor Terminal ID
✓	MasterCard 2 Series		Dynamic Transaction Descriptor
✓	American Express	✓	Unattended Terminal
	Discover		Advanced Fraud Protection (eComm only)
✓	JCB	TCP/IP:	
Protocol:		✓	TLS 1.2
	Dial single-trans		
	Dial multi-trans		
✓	IP single-trans		
	IP multi-trans		

Special Notes & Exceptions: (EG: different contact / contactless CDA Modes, if not all brands certified)

This is a Contactless only certification. The device only supports Contactless and Magstripe, not Contact. Magstripe was not tested during this certification. The vendor will initiate a separate certification for Magstripe.

Discover was not tested during this certification.

Note: Checkmarks “✓” are supported.

The certification performed is a limited test and it remains the responsibility of your establishment to ensure all current and future data elements are supplied for Interchange compliance. Your establishment must also ensure the "full and unaltered contents" of the magnetic stripe are transmitted in each electronic authorization request message for all card types, and that the contents of the magnetic stripe are not retained in their entirety in memory, logs, databases, or files after the authorization is complete. Your establishment is responsible for ensuring its software applications do not invalidate the merchant's ability to be PCI compliant. Your establishment is responsible for maintaining its software application's compliance with current PCI/PA-DSS specifications which can be found at www.pcisecuritystandards.org.

The Heartland Service Center is comprised of dedicated teams broken out by geographical regions that provide service for beta and production merchants. Support is available 24 hours per day, including holidays and weekends. For technical assistance during your beta period, please contact below for any assistance.

Phone	888-963-3600
Email	hscustomersupport@e-hps.com

Please note: You must recertify the application software if modifications are made to the payment application/module or component that is processing to the certified interface.

For any questions regarding this certification letter, please contact me at: karen.burjeck@e-hps.com

Internal Use Only	
Developer ID	002914
Version Number	3133
HPS Project Number	PORT0861

Regards,
Karen Burjeck
Product Analyst