

HEARTLAND PORTICO CERTIFICATION REQUEST FORM (CRF)

NOTE: Double click for " Check" or " Not checked" options to make selections.

COMPANY INFORMATION:

Company Name: **911 Software, Inc.**
Street Address: **265 S. Federal Hwy #353**
City, State, & Zip: **Deerfield Beach, FL 33441**
Phone Number: **561-392-9606**
Web Site Address:

Send physical Test Cards to: (No PO Box allowed)

Check if same as Company Info.

Name:
Street Address:
City, State, & Zip:

Will you or anyone on your team be developing from outside of the United States? Yes No

If "Yes", please provide the **STATIC** IP addresses that will be used:

Please also provide all Web Company, and specific developer, information integrating outside of United States:

Company Name: Phone:
Full Address: Email or Website:

For Testing and Development ONLY. NO IP addresses outside the U.S.A. are allowed in production.

This company is a: (Please mark "X" to all that applies)

Software Developer Hosted Gateway Merchant Value Added Reseller

Company Contact: **Zorrik Voldman**

Phone: **561-392-9606**

Email: **zvoldman@911software.com**

Developer Contact: **same**

Phone: **same**

Email: **same**

Coding Language:

SOFTWARE APPLICATION INFORMATION:

Product Type:

- PC Based Software (POS System)
- Terminal Application
- Payment Engine/Middleware
- Virtual Terminal
- Payment Gateway
- Mobile Application
- e-Commerce Website

Platform:

- Windows
- Main Frame
- UNIX
- Other (Describe:)

Settlement:

- BatchClose (POS initiated)
- Auto-Close

Card Brand Supported:

- Visa
- MasterCard
- Discover/JCB/PayPal
- American Express

Tracker Testing Needed:

- Yes No

Application Name: **Cloud9 Payment Gateway**

Version Certifying: **1.1**

Encrypted Entry Method:

Keyed Swiped

E3-M1 & Cables? Yes No = USB DB9

E3 - P1 PINpad & Cables? Yes No = USB DB9

E3 - M1: HID-KB HID-MSR Virtual - COM

E3 - P1: PIN Debit Keyed Credit

Yes No 3rd Party AES MSR?

Yes No 3rd Party Voltage MSR?

Yes No Multi - Use Tokenization?

Yes No Secure Submit?

Yes No MC Card Acceptor Terminal ID? (UniqueDeviceId)

Yes No Dynamic Transaction Descriptor? (TxnDescriptor)

Yes No Unattended Terminal?

Communication Interface(s): (check all that apply)

TCP/IP (TLS 1.1)

Heartland-Framed

TCP/IP (TLS 1.2)

Visa-Framed, No Parity

Dial (PSTN)

Visa-Framed, Even Parity

EMV APPLICATION INFORMATION (IF SUPPORTED)

Integration Type: Fully-integrated POS
 POS Type: POS
 Device Brand: **Ingenico**

 Device Model: **iPP320**
 Name/Number:
 Device Supplier: **Ingenico**
 Device Software Name & Version: **RBA**
(e.g. RBA 13.0.6)
 Contactless Reader: Integrated
 PIN Pad: None
 Encryption: Voltage (E3)
 Additional Devices: **N/A**
 Covered: **N/A**
(i.e. same EMV kernel)
 # Devices to be Deployed: **1000**
 # Devices in Market Today: **0**
 Card Brands to Certify:
 Contact EMV: Visa MC AmEx Disc
 Contactless EMV: Visa MC AmEx Disc
 EMV Transaction Types: Credit Debit (Exchange Only) EBT

Card Data Input Capability:

Manual Key Entry Yes No
 Magnetic Stripe Yes No
 Contact EMV Yes No
 Contactless MSD (*Magnetic Stripe Data*) Yes No
 Contactless EMV Yes No

Environment: Attended
 Communication: Offline with Online Capability
 Operation Control: Merchant
 Approved Test Tool: Collis ICC Solutions
 Other:
 Configuration Name: *(20 char max, for Heartland boarding)* **Cloud9**

Cardholder Verification Method (CVM) Capability:

Online PIN Yes No
 Offline PIN (Plaintext) Yes No
 Offline PIN (Enciphered) Yes No
 PIN Bypass Yes No
 Signature Yes No
 Mobile CVM Yes No
 No CVM Required Yes No
 Online PIN Retry Online PIN not supported

Transaction Capability:

Offline Authorization Yes No
 Pre-Authorization Yes No
 Voice Authorization Yes No
 Refund Yes No
 Refund using Track 2 from Chip Yes No
 Balance Inquiry Yes No
 Cash Back Yes No
 Partial Approval Yes No
 Receipt Printing Yes No
 Force Online Yes No
 Force Acceptance (Stand-In) Yes No
 Transaction Log View

Industry Supported: **Retail** **Restaurant**

Mark "X" on all functions that apply to the industry, or industries, selected.

Transactions	TransactionType per POS Gateway Dev Guide v 2.19	TOKENIZATION		RETAIL	RESTAURANT
		PAN to Token	Token to PAN	Trans Type Supported	Trans Type Supported
Credit (required functions only required if supporting credit functionality)					
Unattended Terminal		N/A	N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sale - Swiped	CreditSale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sale - Manual Entry, Card Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditSale	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Sale - Manual Entry, Card Not Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditSale	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Authorization - Swiped	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Authorization - Manual Entry, Card Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Additional Auth - Manual Entry, Card Present	CreditAdditionalAuth	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Authorization - Manual Entry, Card Not Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Offline Sale / Voice Authorization	CreditOfflineSale	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Credit Return (Offline) by track data	CreditReturn	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Credit Return (Offline) by GatewayTxnId	CreditReturn	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Verify (Visa, MC, Discover)	CreditAccountVerify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AVS Verify (must support AVS)	CreditAccountVerify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Balance Inquiry	PrePaidBalanceInquiry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tip On Purchase (Sale or Auth)		N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tip Edit (Tip at Settlement)	CreditTxnEdit	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reversal / Online Void (<i>Required</i>)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partial Reversal / Online Void (Settlement < Auth)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partially - Approved Purchases (<i>Required</i>)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Level II Commercial Cards (NotUsed, TaxAmt, TaxExempt)	CreditCPCEdit	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Contactless Cards (payWave, PayPass, ExpressPay, Zip)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

AutoSubstantiation (Health Savings Account / Flexible Spending Account)

AutoSubstantiation (HSA/FSA) - Pharmacy (4U)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AutoSubstantiation (HSA/FSA) - Vision (4V)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AutoSubstantiation (HSA/FSA) - Clinic (4W)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AutoSubstantiation (HSA/FSA) - Dental (4X)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Debit (required functions only required if supporting debit functionality)

Debit Sale	DebitSale	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Debit Sale (with Cash Back)	DebitSale	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Debit Return	DebitReturn	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reversal (Required for Debit Sale)	DebitReversal	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partially - Approved Purchases (Required)		N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

GSB - OneCard (required functions only required if supporting GSB functionality)

Sale	CreditSale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Return	CreditReturn	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reversal (Required)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Balance Inquiry	PrePaidBalanceInquiry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load / Add Value	PrePaidAddValue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Electronic Benefits Transfer (EBT) (required functions only required if supporting EBT functionality)

Food Stamp Purchase	EBTFSPurchase	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Food Stamp Return	EBTFSTReturn	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Food Stamp Balance Inquiry	EBTBalanceInquiry	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Food Stamp Electronic Voucher	EBTVoucherPurchase	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cash Benefits Purchase	EBTCashBackPurchase	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cash Benefits Purchase (with Cash Back)	EBTCashBackPurchase	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cash Benefits Withdrawal	EBTCashBenefitWithdrawal	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cash Benefits Balance Inquiry	EBTBalanceInquiry	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Checks (ACH) (required functions only required if supporting ACH functionality)

Driver's License Required = DR	Check Verification = CV	Identity Verification = IV	No Verification= NV		
ACH Debit - Consumer (PPD)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV
ACH Debit - Corporate (CCD)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV
eGold (POP Check Conversion)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV
eSilver (POP Check Conversion)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV
eBronze (Verify only)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV
Checks by Web (WEB Conversion, eComm only)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> DR CV IV NV
Check Void (by GatewayTxnId)	CheckVoid	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Check Void (by ClientId)	CheckVoid	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>

PayPlan (Recurring, One Time Payment) (required functions only required if supporting PayPlan functionality)

Schedule Management driven by: <input type="checkbox"/> Application or <input type="checkbox"/> PayPlan					
Recurring Billing (Credit)		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Recurring Billing (ACH Debit - Consumer)		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Recurring Billing (ACH Debit - Corporate)		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
One Time Payment (Credit)		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
One Time Payment (ACH Debit : Consumer)		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
One Time Payment (ACH Debit : Corporate)		N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>

Industry Supported: eCommerce Mail Order / Telephone Order

Mark "X" on all functions that apply to the industry, or industries, selected.

 Advanced Fraud Screening : eComm only (please refer to your HPS rep for further info)

Transactions	TransactionType per POS Gateway Dev Guide v 2.19	TOKENIZATION		eComm Transactions Supported	MoTo Transactions Supported
		PAN to Token	Token to PAN		
Credit (required functions only required if supporting credit functionality)					
Sale - Manual Entry, Card Not Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required for Discover</i>)	CreditSale	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Authorization - Manual Entry, Card Not Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required for Discover</i>)	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
Offline Sale / Voice Authorization	CreditOfflineSale	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Credit Return (Offline)	CreditReturn	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Verify (Visa, MC, Discover)	CreditAccountVerify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AVS Verify (must support AVS)	CreditAccountVerify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reversal / Online Void (<i>Required</i>)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partial Reversal / Online Void (Settlement < Auth)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partially - Approved Purchases		N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Level II Commercial Cards (NotUsed, TaxAmt, TaxExempt)	CreditCPCEdit	N/A	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

GSB - OneCard (required functions only required if supporting GSB functionality)

Sale	CreditSale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Return	CreditReturn	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reversal (<i>Required</i>)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Balance Inquiry	PrePaidBalanceInquiry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load / Add Value	PrePaidAddValue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Checks (ACH) (required functions only required if supporting ACH functionality)

Driver's License Required Check Verification Identity Verification

ACH Debit - Consumer (PPD)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
ACH Debit - Corporate (CCD)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
eGold (POP Check Conversion)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
eSilver (POP Check Conversion)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
eBronze (Verify only)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Checks by Web (WEB Conversion, eComm only)	CheckSale / Action = Sale	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Check Void (by GatewayTxnId)	CheckVoid	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Check Void (by ClientId)	CheckVoid	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>

PayPlan (Recurring, One Time Payment) (required functions only required if supporting PayPlan functionality)

Schedule Management driven by: Application or PayPlan

Recurring Billing (Credit)	RecurringBilling	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Recurring Billing (ACH Debit - Consumer)	See PayPlan Dev Guide	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
Recurring Billing (ACH Debit - Corporate)	See PayPlan Dev Guide	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
One Time Payment (Credit)	RecurringBilling	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
One Time Payment (ACH Debit - Consumer, PPD)	See PayPlan Dev Guide	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>
One Time Payment (ACH Debit - Corporate, CCD)	See PayPlan Dev Guide	N/A	N/A	<input type="checkbox"/>	<input type="checkbox"/>

LODGING:

Mark "X" all functions that apply to the industry selected.

Transactions	TransactionType per POS Gateway Dev Guide v 2.19	TOKENIZATION		Transactions Supported
		PAN to Token	Token to PAN	
Credit (required functions only required if supporting credit functionality)				
Sale - Swiped	CreditSale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sale - Manual Entry, Card Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditSale	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
Sale - Manual Entry, Card Not Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditSale	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
Authorization - Swiped	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Authorization - Manual Entry, Card Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
Authorization - Manual Entry, Card Not Present (AVS) Address Verification (<i>Required</i>) (CVV2) Card Security Code (<i>Required if supporting Discover & Card Not Present</i>)	CreditAuth & CreditAddtoBatch	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A N/A	<input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/>
Offline Sale / Voice Authorization	CreditOfflineSale	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Credit Return (Offline)	CreditReturn	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Verify (Visa, MC, Discover)	CreditAccountVerify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AVS Verify (must support AVS)	CreditAccountVerify	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Balance Inquiry	PrePaidBalanceInquiry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Tip On Purchase (Sale or Auth)		N/A	N/A	<input checked="" type="checkbox"/>
Tip Edit (Tip at Settlement)	CreditTxnEdit	N/A	N/A	<input checked="" type="checkbox"/>
Reversal / Online Void (<i>Required</i>)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partial Reversal / Online Void (Settlement < Auth)	CreditReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Partially - Approved Purchases (<i>Required</i>)		N/A	N/A	<input checked="" type="checkbox"/>
Level II Commercial Cards (NotUsed, TaxAmt, TaxExempt)	CreditCPCEdit	N/A	N/A	<input checked="" type="checkbox"/>
Contactless (payWave, PayPass, ExpressPay, Zip)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Debit (required functions only required if supporting debit functionality)				
Debit Sale	DebitSale	N/A	N/A	<input checked="" type="checkbox"/>
Debit Sale (with Cash Back)	DebitSale	N/A	N/A	<input checked="" type="checkbox"/>
Debit Return	DebitReturn	N/A	N/A	<input checked="" type="checkbox"/>
Reversal (<i>Required</i> for Debit Sale)	DebitReversal	N/A	N/A	<input checked="" type="checkbox"/>

Partially - Approved Purchases <i>(Required)</i>		N/A	N/A	<input checked="" type="checkbox"/>
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Lodging Features

Incremental Auths	CreditIncrementalAuth	N/A	N/A	<input checked="" type="checkbox"/>
Advanced Deposit		N/A	N/A	<input checked="" type="checkbox"/>
No Show		N/A	N/A	<input checked="" type="checkbox"/>
Extra / Additional Charges		N/A	N/A	<input checked="" type="checkbox"/>
Visa Prestigious Property		N/A	N/A	<input checked="" type="checkbox"/>
Master Card Preferred Customer		N/A	N/A	<input checked="" type="checkbox"/>
Amex Assured Reservation		N/A	N/A	<input checked="" type="checkbox"/>

HEARTLAND MARKETING SOLUTIONS (HMS)

HEARTLAND GIFT & REWARDS PRODUCT:

Gift (Currency: USD) Rewards (Currency: Points)

Please double click the checkbox for each item you plan to certify.

Retail Restaurant eCommerce

FUNCTIONALITY: *Please double click the checkbox for each item you plan to certify.*

Request Description	API Request	Gift (USD)	Rewards (Points)
Activate*	GiftCardActivate	<input checked="" type="checkbox"/>	N/A
Load*	GiftCardAddValue	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Redeem	GiftCardSale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Balance Inquiry	GiftCardBalance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Void	GiftCardVoid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Time out Reversal (TOR) <i>(Required)</i>	GiftCardReversal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Transfer	GiftCardReplace	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Reward*	GiftCardReward	N/A	<input checked="" type="checkbox"/>
Add Alias to Existing SVA(*)	GiftCardAlias (Action: Add)	N/A	<input checked="" type="checkbox"/>
Remove Alias	GiftCardAlias (Action: Delete)	N/A	<input checked="" type="checkbox"/>
Add Alias to New SVA	GiftCardAlias (Action: Create)	N/A	<input checked="" type="checkbox"/>
Deactivate*	GiftCardDeactivate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Receipt Messages <i>(Required)</i>	*<notes> (Data String)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*** Notes:**

- SVA – Stored Value Account.
- Activate – Used by 3rd party Gift mall providers, and eCommerce sites.
- Load – Used to Activate a new SVA, or load an active SVA with USD or Points.
- Reward – Used to Load Points for non-stored value payments
- Deactivate – Used to void an Activate.
- Notes - Receipt messaging with \n for linefeed.

Refer to Portico Dev Guide for a more detailed description of each request.

COMMENTS: Please give a brief description of your company, customer base, and any special instructions on this project.