



https://verifone.cloud/docs/sca-functional-specification/config_params/config_menu

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Configuration Menu

Note

This section is applicable for SCA 4.0 UGP implementations only.

From the Verifone Point Welcome/Idle Screen, press the green Enter key.

Setup

Terminal

Parameter	Valid/Max Values	Default Value	Description
Application Type	• Retail • Rest • Table Pay	Retail	Application Type
Launch Menu	• Retail • Rest • SCA	SCA	Launch menu – name displayed on the VMAC menu. NOTE: Retail and Rest are standalone options.
Demo Mode	• No • Yes	No	When DEMO parameter is Yes, transactions will be performed in Training Mode without the need to pass <TRAINING_MODE>ON</TRAINING_MODE> from POS.
PINPad	• No • Yes	No	

Parameter	Valid/Max Values	Default Value	Description
Receipt Loc	• Auto • Prntr • POS • Both	POS	Determines where to send printer output (printer or output buffer). • Auto - Receipt data prints on printer, if available. If not, prints on ECR. • Prntr - Receipt prints on device. • POS - Buffered - Receipt data sent to POS (SCA). • Both - Receipt data prints on device and POS.
Display Name	User-defined	POINT	
Merchant Receipt	• No • Yes	Yes	Enables/disables printing the merchant copy of the receipt.
Customer Receipt	• No • Auto • Prompt	Prompt	Enables/disables printing of customer copy of the receipt.
Clerk	• 0 - None • 1 - Prompt • 2 - Log on	1	Enables or disables Clerk processing.
Language	• Eng • Span	English	Language code
Excess Tip	User-defined	50	When tip exceeds this percentage, a manager password is required
New Card Close	• OFF • ON	ON	Enables/disables the prompt to Close a tab with a different or new card
Tip Processing	• Off • Prompt • None	Off	Tip processing.
Tip Percentage 1	User-defined	10	Tip option offered
Tip Percentage 2	User-defined	15	Tip option offered
Tip Percentage 3	User-defined	20	Tip option offered

Parameter	Valid/Max Values	Default Value	Description
Gratuity Guide	• OFF • ON	ON	This parameter is used to enable or disable the printing of Gratuity Guidelines on the receipt.
Loyalty	• OFF • ON	OFF	This parameter is used to enable or disable loyalty prompting.
Split Tender	• OFF • ON	OFF	Controls screen to allow multiple payment types/cards to be used for a single transaction.
Skip Amount	• No • Yes	Yes	Skip amount confirmation dialogue with consumer (Token Query, Sale, Auth, Refund, and Completion).
Skip Compl Amnt	• No • Yes	Yes	Skip amount confirmation for Completion (CAPTURE with CTROUTD) and CLOSE_TAB transactions.
EMV Enabled	• No • Yes	Yes	Controls EMV acceptance.
Point Device	• No • Yes	No	Set to Yes if designated Point terminal type in the PWC console.
Backlight	• No • Yes	Yes	Back light
Key Beep	• No • Yes	[blank]	Key beep
Debit	• OFF • ON	ON	This parameter is used to enable or disable Debit.
EBT	• OFF • ON	OFF	This parameter is used to enable or disable EBT.

Merchant

Parameter	Valid/Max Values	Default Value	Description
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Merchant Name	User-defined	Merchant One	
Auto Settle	• OFF • ON	ON	Enables/disables auto settlement.
Settle Time	User-defined	00:00:00	Time at which auto settlement will occur.
Last Settle		//	Date of last settlement.
Header1	User-defined		Receipt header line 1.
Header2	User-defined		Receipt header line 2.
Header3	User-defined		Receipt header line 3.
Header4	User-defined		Receipt header line 4.
Header5	User-defined		Receipt header line 5.
Header6	User-defined		Receipt header line 6.
Footer1	User-defined		Receipt footer line 1.
Footer2	User-defined		Receipt footer line 2.
Footer3	User-defined		Receipt footer line 3.
Footer4	User-defined		Receipt footer line 4.
Merchant Pwd	User-defined		Masked Manager's Password. (Password Entry for Quick Setup or exiting to VMAC)

Host

The following parameters are available for each record (Host) in the Host Table. You must first select a record to access its parameters. Examples are listed below instead of defaults.

Parameter	Valid/Max Values	Default Value	Description
Host Name			Ex: UGP, SSI
Client ID			Client ID used for communicating with PAYware Connect (stored by application)
Disclaimer1		I AGREE TO PAY ABOVE AMOUNT ACCORDING	Disclaimer line 1
Disclaimer2		TO THE CARD ISSUER AGREEMENT	Disclaimer line 2
Disclaimer3		MERCHANT AGREEMENT IF CREDIT/VOUCHER	Disclaimer line 3
Disclaimer4			Disclaimer line 4
Primary Connect	• Serial • IP • Dial • None	IP	Primary connection

Parameter	Valid/Max Values	Default Value	Description
Primary Serial	• COM1 • COM2 • COM1A (Vantiv Direct) • NONE	NONE	Primary serial
Primary URL	User-defined	cert1.ipcharge.net (Classic default)	[Gateway demo URL]
Primary Port	User-defined	443	
Primary SSL	• No • Yes	Yes	Enables/disables SSL for primary host.
Secondary Connect/Secondary Conn	• Serial • IP • Dial • None	IP	Secondary connection.
Secondary Serial	• COM1 • COM2 • NONE	NONE	Secondary serial
Secondary URL	User-defined	cert1.ipcharge.net (Classic default)	Secondary URL
Secondary Port	5016	443	Secondary port
Secondary SSL	• No • Yes	Yes	Secondary SSL
URI Path	User-defined	Ipchapi/rh.aspx	URI path
Connect Retry	User-defined	1	Maximum number of retries to connect to the host.
Connect Timeout	User-defined	30	Amount of time the device waits on host response. If the host response is not received in this specified amount of time, the application ends the connection with Comm Error.
SAF Enabled	• No • Yes	Yes	Enables/disables Store and Forward mode.

Parameter	Valid/Max Values	Default Value	Description
SAF Max Pending	User-defined, Max 4 digits	0	Maximum number of transactions that may be stored in the store/fwd batch before transactions must be forwarded to the host. NOTE: Not used for FD RC Engage.

Card Table

The following parameters are available for each record in the Card Table. You must first select a record to access its parameters. Examples are listed below instead of defaults.

Parameter	Valid/Max Values	Default Value	Description
Card Abbrev	User-defined	VI	Card Abbreviation used on reports.
Card Label	User-defined	VISA	Card Label used on receipts.
Card Type	• Credit • Debit	Credit	Card type
Chk Size	User-defined	8	Number of digits used for the BIN range comparison.
PAN Low	User-defined	40000000	Low delimiter for BIN range.
PAN High	User-defined	49999999	High delimiter for BIN range.
PAN Min	User-defined	13	Minimum PAN length.
PAN Max	User-defined	19	Maximum PAN length.
Enabled		ON	Enables/disables the card range.
LUHN	• OFF • ON	ON	Enables/disables LUHN check.
SAF Limit		15000	Maximum transaction dollar amount (whole dollars) that may be processed offline.
QSR Enabled	• OFF • ON	OFF	Enables/Disables QSR processing. This feature allows merchants forgo signatures for low dollar value, card present, swiped transactions. NOTE: Used in conjunction with QSRReceiptOption, ReceiptLimitAmount, and SignatureLimitAmount.
QSR Receipt	• None • Prmpt • Cust • Merch • Cnfrm • Auto	Merch	Indicates the receipt(s) copy to be printed for QSR transactions under the Receipt limit.

Parameter	Valid/Max Values	Default Value	Description
Receipt Limit	User-defined	2500	Maximum dollar amount (whole amount) for which receipts are printed according to the QSR Receipt Option.
Signature Limit	User-defined	3000	Dollar amount (whole dollar) over which signature must be obtained.

POS

Parameter Valid/Max Values Default Value Description

Allow Conn	• TCP • Serial • Any	TCP	
TCP Interface	• Ethernet • WiFi • GPRS • BT	Ethernet	
Serial Interface	• None • SERIAL	SERIAL	

Interfaces

Ethernet

Parameter	Valid/Max Values	Default Value	Description
IP Setting	• Static • DHCP		Dynamic Host Configuration Protocol. Protocol responsible for providing the IP host with the IP address. Other configurations may be provided: subnet mask and gateway information.
IP Address	User-defined	0.0.0.0	Internet Protocol address
Netmask	User-defined	0.0.0.0	Numerical value that divides the IP address into two parts: a network address and a host address.
Gateway	User-defined	0.0.0.0	Physical address of the router connected to the local network.
DNS Address 1	User-defined	0.0.0.0	Domain name server 1
DNS Address 2	User-defined	0.0.0.0	Domain name server 2

WiFi

Note

For IP Config – See Ethernet Table Above. For Networks – Parameters below are available for each record.

Parameter	Valid/Max Values	Default Value	Description
SSID	User-defined	Test1	WLAN network name (Server Set Identification) informal name of the BSS. NOTE: The parameter values are case sensitive.
BSS Type	• INFRA • ADHOC	INFRA	Defines basic operation mode of the WLAN network.
Auth Alg	• OPEN • SHARE	OPEN	Authentication algorithm. Mandatory parameter for all WiFi network settings. • OPEN – Used for WPA/WPA2/Unencrypted • SHARED-Used for WEP
Protocol	• AUTO • WPA • WPA2	WPA2	Used if KEY_MGMT is EAP or PSK. AUTO-automatic selection of WPA or WPA2. NOTE: AUTO and WPA modes not supported.
KEY MGMT	• PSK • EAP • None	PSK	Used if Auth_Alg=OPEN. Acceptable key management protocols. • PSK - Pre-Shared Key management (WPA/WPA2). • EAP - Extensible Authentication Protocol management (WPA/WPA2). • NONE - No encryption
PSK			WPA/WPA2 Pre-Shared Key. NOTE: Length 8-63 is pass-phrase, 64 char length is HEX-Keys (HEX digits).
EAP TYPE	• TLS • PEAP • FAST		Mandatory if keymgmt = EAP
CA CERT			Mandatory if keymgmt = TLS or PEAP. File path to CA (Certificate Authority) certificate file.
CLIENT CERT			Mandatory if keymgmt = TLS. File path to client certificate file.
PRIV KEY			File path to private key file. Optional if EAP_TYPE = TLS.
PRIV KEY PWD			Password for private key file. Optional if EAP_TYPE = TLS.
EAP ID			Mandatory for all EAP types. Identity needed for EAP authentication.

Parameter	Valid/Max Values	Default Value	Description
EAP PWD			Mandatory for PEAP or FAST. Password needed for EAP authentication.
EAP ANON ID			Anonymous identity for EAP modes. Optional.
GROUP	• TKIP • CCMP • AUTO • None		Group cipher. Used if keymgmt = EAP or PSK
PAIRWISE	• TKIP • CCMP • AUTO • None		Pairwise cipher to be used. NOTE: AUTO and TKIP modes are not supported.

Serial

Parameter	Valid/Max Values	Default Value	Description
Serial Port		COM1	
Baud Rate		9600	
Parity		none	
Data Bits		8	
Stop Bits		1	
Flow Control		none	

Admin

Parameter Name	Valid/Max Values	Default Value	Description
Clear Keys?	• Yes • No	N/A	Performs Admin. Results in Admin packet from gateway.

Key Management

Parameter Name	Description
Register	VSP-related
Advance	VSP-related

Display IP

Selecting this option will display the IP Address of the device on the screen.

Version

Selecting this option will display version information (SCA, CAM)

About

Selecting this option will display the Application Name on the screen (Point SCA)