

Revision History

Revision	Date	Release Version	Change History
10.00	September 15, 2025	SCA Cadence Release: UGP 4.x.42- 1/5.x.42-1	<ul style="list-style-type: none">• Overview: Added definition on FSA in Definition of Terms and FSA Transaction in Transaction Supported section.• Application Features:<ul style="list-style-type: none">◦ Added Multi Merchant Support feature.◦ Added Pre-Authorization Adjustment feature.◦ Updated DCC feature description.◦ Added a bullet point as note on field values in the second leg of the request in Capture Card Early Return feature section.• POS Messaging Interface:<ul style="list-style-type: none">◦ Added GET_MERCHANT_DETAILS command in Other Administrative section.◦ Added 193 detailed status table of Secondary Port - Status command.◦ Added Multi Merchant transaction details in the following command request: Card Validation, Auth, Capture, Credit, Void, EBT Balance Enquiry, all Gift card and Reports commands, Token Query, Schedule Settlement, Last Transaction and SAF Query response.◦ Added Modifier field in Capture request and response table and ADJUST_AUTHORIZED_DETAILS field in Capture and Last_Trans response table.◦ Updated as “FSA is applicable for Debit and Credit” in Capture and Credit command.• Result/Error Codes: Added a result code 59082.• Configuration Parameters:<ul style="list-style-type: none">◦ Added DEFAULTMERCHANTACCOUNT in Application table.◦ Updated DCCENABLEDCARDMODES parameter description.

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9.01	September 12, 2025		<ul style="list-style-type: none"> • Added Feature Parity - Mx9 vs Engage vs Neo section. • Protocol details are consolidated with the respective command introduction page for the following sections: Retail and Restaurant, Restaurant/Bar Only, Gift Card Transaction, EBT Transaction, Token Query, Schedule Settlement, Line Item Display and Device Transactions. • Added few additional screens for e280, M400, P400 and P200 devices in Display Screen Specifications section.
9.00	July 22, 2025	SCA4 GSC 4.X.11-1/5.0.11-1 Cadence Release	<ul style="list-style-type: none"> • Configuration Parameters: <ul style="list-style-type: none"> ◦ Added FLEET parameter in Application table. ◦ Added Fleet Card Range Table under Card Range section. • Overview: <ul style="list-style-type: none"> ◦ Updated the Definition of Terms table with few new terms. ◦ Updated Supported Cards table with Fleet card brands. ◦ Added Fleet Card Transactions under Transaction Supported section. ◦ Added Pre-Auth and Completion in Check Transactions. • Application Features: Added Fleet Card Support section. • Protocol Specifications: <ul style="list-style-type: none"> ◦ Added 192 detailed status in Status command. ◦ Updated the note for BUTTONx_TEXT_LEFT and BUTTONx_TEXT_RIGHT in Quick Credit Application command. ◦ Added Checks transaction request fields in Auth command. ◦ Added Sample Request and Response for Check in Auth command. ◦ Updated the values for CHECK_TYPE field in Capture request table. ◦ Added CHECK (only for Completion transaction) as Payment type in Capture request table. ◦ Added Sample Request and Response for Check (Completion) in Capture command. ◦ Added Request and Response fields and examples on Fleet Card Transaction in Auth, Capture, Credit and Void commands.
8.01	July 07, 2025		<ul style="list-style-type: none"> • Updated Device UI section for protocol section.

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8.00	June 20, 2025	SCA4 WP 4.X.20-1 Release	<ul style="list-style-type: none"> • Media and Display Screens Specifications: <ul style="list-style-type: none"> ◦ Updated Media File - Size and Formats section with Neo2 Devices Screen Resolution and Media Files Location. ◦ Updated Display Screen Specifications section with M425-A - User Interface. • Protocol Specifications: Added notes specific to e235 device in the following commands: Display Message, Checkbox, Customer Question, Credit App, Survey, Survey5, Survey10, Display Image, Get Card Data, Customer Button and Display QR Code, Line Items – ADD, OVERRIDE and REMOVE.
7.00	May 15, 2025	SCA4 FDRC 4.0.28-1 Cadence Release	<ul style="list-style-type: none"> • Configuration Parameters: <ul style="list-style-type: none"> ◦ Added MAXTIPAMOUNT and MERCHPYMTGTWYID parameters in Application table. ◦ Added ENABLERVERVAL parameter in FDRC parameters table. • Application Features: Added Excess Tip Confirmation section. • Protocol Specifications: <ul style="list-style-type: none"> ◦ Added 191 detailed status in Status command. ◦ Added a note on DISPLAY_TEXT4 and DISPLAY_TEXT5 for e235 devices in Custom Buttons command.
6.01	March 31, 2025	SCA4 UGP 4.x.41-1 Cadence Release	<ul style="list-style-type: none"> • Configuration Parameters: <ul style="list-style-type: none"> ◦ Added HEALTHMONITOR, HEALTHMONITOR_EXCLCMDS and SCAPERFMETRIC parameters in Application table. ◦ Updated DEBITREFUNDPIN parameter description with Refund EBT CTLS details. ◦ Corrected the parameter name from ADJCAPBLE to ADJCAPABLE in Worldpay table. • Application Features: Added Transaction Performance Metric section and Health Monitor Events section. • Protocol Specifications: <ul style="list-style-type: none"> ◦ Added Transaction Performance Metric section with UI_TIME, HOST_TIME, CMD_TIME and CP_TIME fields in all command response table. ◦ Added CARD_ABBRV field description in Capture command response table. ◦ Added POS_RECON field in all commands.

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6.00	January 17, 2025	SCA4 UGP 4.x.40-1 Cadence Release	<ul style="list-style-type: none"> • Configuration Parameters: Added ALLOWDCCTOSAF and TIPTRANSTYPES parameters in Application table. Added a note in DCCENABLEDTRANSTYPES parameters in DCC table. • Application Features: Added a bullet point note on using different Card token for 2nd leg transaction in Capture Card Early Return section. • Protocol Specifications: <ul style="list-style-type: none"> ○ Added DCC transaction fields in SAF Query response table. ○ Added DCC_IND field with value 2 and 3 in Capture and Auth request table. ○ Added Value 3 for DCC_IND field in Refund Request table. ○ Added DCC_IND field in Auth, Capture and Credit Response table. ○ Added UGP values for SCMCI_INDICATOR field in Card Validation, Auth, Capture request command. ○ Added SCMCI_REASON field in Card Validation, Auth, Capture request command. ○ Added value F for UGP in INSTALLMENT and RECURRING fields in Auth and Capture request table. ○ Added a note for COF_REFERENCE in Card Validation, Auth, Capture request and response command.
5.00	January 03, 2025	SCA4 UGP VOS3 5.0.38-1 Cadence Release	<ul style="list-style-type: none"> • Configuration Parameters: Added a new value to SIGIMAGETYPE parameter. • Application Features: Added <EMV_TAGS_REQD> and <EMV_TAGS> in Capture Card Early Return. • Protocol Specifications: <ul style="list-style-type: none"> ○ Added new value in MIME_TYPES field of Signature and SignatureEx commands. ○ Added new value in TIMEOUT_DATA field of Display Message commands. ○ Added EMV_TAGS_REQD field for Auth, Capture, Credit and Gift command request. ○ Added EMV_TAGS field for Auth, Capture, Credit and Gift command response. ○ Added IMAGE_NAME field in Display Image command request. ○ Added CMRCL_FLAG field in Auth and Capture response. ○ Added FORMATTED_DISPLAY_TEXT field in Signature and SignatureEx commands. ○ Updated the max length to 16 for all fields in Bottom Button section of Customer Question command.

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4.00	December 06, 2024	SCA4 WP 4.x.18-1	<p>Protocol Specifications: Added AUTH_REF_NUMBER field, applicable for the following command responses: Card Validation, Auth, Capture, Credit, Void, Add Tip, Reset Tip, Open Tab, Close Tab, Delete Tab, Gift - Activate, Gift - Block Activate, Gift - Reactivate, Gift - Deactivate, Gift - Add value, Gift - Close, Gift - Balance Inquiry and Token Query.</p> <ul style="list-style-type: none"> • Application Features: Added Application Alerts to VHQ feature section. • Protocol Specifications: <ul style="list-style-type: none"> ◦ Updated the note for PROMPT_ENCRYPT with CREDITAPPDATAENCRYPTTYPE parameter details. ◦ Updated the note for PROMO_PLAN_EXP_DATE in Auth, Capture and Credit command. ◦ Updated SAF EDIT command. ◦ Updated description of NOT_PROCESSED status is SAF Query and SAF Remove request table. ◦ Added CARD_PRESENT field in Card validation, Capture, Credit and Balance Inquiry commands. ◦ Added AVAILABLE_BALANCE response field in Card validation and Token Query command and updated AVAILABLE_BALANCE description in Auth, Capture, Credit, Void and all Gift commands. ◦ Added COL_3 to COL_10 field in request and response table for all payment commands. ◦ Added note on Neo device in ADD and OVERRIDE Line Item commands and added Displaying Line-Item Fields on Device table in Line Item Display ADD command. • Result/Error Codes: Updated 59053 description with example. • Configuration Parameters: <ul style="list-style-type: none"> ◦ Added MAXSAFDECLINERETRY in SAF table, RETURNCARDHOLDER in Application table, GIFTPARTIALAUTH parameter in UGP table and CREDITAPPDATAENCRYPTTYPE parameter with its supported values table. ◦ Updated the description for DOADMREQ, DOADMREQPINPAD, SIGNATURELIMIT parameters. ◦ Added a note in SAFPURGEDAYS parameter and updated PROMOEXPIRYDATE parameter note.
3.00	November 20, 2024	SCA4 UGP 4.x.39-1	

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2.00	November 11, 2024	SCA4 WP 4.x.18-1	<ul style="list-style-type: none">• Configuration Parameters:<ul style="list-style-type: none">◦ Added the following parameters in Worldpay table: PLCCSALEALLOWED, PLCCPROMOCODE, PLCCSALEPW, DEBITOPTIMIZATION.◦ Added DISABLEPLDEBITFORSAF parameter in Application table.◦ Added INTERFACETIMEOUT parameter in GPRS, LAN and WLAN Interfaces tables.• Overview: Added PLCC in Definition Of Terms table.• Application Features: Added Debit Optimization section.• Protocol Specifications:<ul style="list-style-type: none">◦ Added PROMO_NEEDED field in Capture, Credit and Void commands request and response tables.◦ Added EMV_TAG_9FA081 tag as example in Capture command Response (EMV) and Last Transaction Response.◦ Added HOST_PAYTYPE field in Capture, Credit and Void commands response table.
1.00	October 30, 2024		First version published.