Verifone Petro Software Release Notes

Verifone Commander

Verifone®

Versions and Information

Base Version	53.30.02
Distribution Versions	Shell 2.11.35 Production Release
Release Date	October 27, 2022
Publication Date	October 27, 2022

Distribution Components

Base	53.30.02
Verifone Commander OS	1.12.01
EPS	9.03.00
Mobile	1.00.00
RCI	6.00.01
POS OS	5.01.03
WEB	5.05.00

PIN Pad Software Versions

Minimum Verifone EVPAY (Engage) Certified Versions

For the Verifone EVPAY (Engage) Certified Versions for Verifone M400 and P400, see the Current VRSD Software List at the Support.Verifone.com > Technical Support > Support Articles > Petro and Convenience > Products and Services > Software Updates (VRSD) > VRSD FAQs.

Minimum EMV Certified Verifone ViperPAY Versions

NOTE: Make sure the minimum OS and any OS Updates are loaded before installing Verifone ViperPAY. See the Verifone ViperPAY release notes.

PIN pad	Version	XPI	Kernel	OS Version
Verifone MX 900 Series	4.05.03.02	5200x	Velocity L2 7.00l	Minimum - 30140200
				Recommended - 30250800

Viewing the OS version on Verifone MX 900 Series PINpad

1. At any screen, press the numbers 1,5,9 on the keypad at the same time until the password entry screen appears for System Mode.

2. Key in the password.

3. At the Home screen, touch the Information tab.

4. Touch the Basic System tab.

5. Scroll down to "Build" to view the OS version.

Contents

Important Information

Verifone C18 Self Checkout

The following is important information when setting up Verifone Self Checkout on the Verifone C18 POS.

■ If an Auto Upgrade was performed, the Verifone Self Checkout sub-menu will not display under the Configuration Client > Store Operations menu. To enable the Verifone Self Checkout submenu, assign the following roles at Configuration Client > Security > Manage Users > User Administration > Configure Roles.

– uscocategorycfg - Update Verifone Self Checkout Category Configuration

– uscoglobalcfg - Update Verifone Self Checkout Global Configuration

– uscoregistercfg - Update Verifone Self Checkout Register Configuration

NOTE: The Verifone Self Checkout submenu displays if the Verifone Commander software was installed manually.

Disabling Swipe Ahead on Verifone C18

Sites that do not have a 2D scanner will need to disable swipe ahead in order to process Easy ID or a POP Membership card at the PIN pad. Do the following two steps consecutively:

■ On the Verifone C18 POS, disable Swipe Ahead at Maintenance > Device Configuration > PINPAD configuration > EPS PINPAD with Driver License and POP Membership.

■ On the MX 900 Series PIN pad, edit the Config.Usr1 Swipe Ahead value found in System Mode at Home > Administration > Config by entering the Config.Usr1 file. Under the [PERM] section, there will be a Swipe Ahead parameter with a '0' or a '1' value. The value should be set to '0' to disable it. After the change, reboot the PIN pad.

EMV Certified

This software version supports Contact and Contactless Indoor. See the Dispenser Card Reader section towards the back of these release notes for EMV Contact and Contactless certifications for each dispenser manufacturer.

These Release Notes

These release notes are for both the Verifone Commander and RubyCi.

Back Office Software (BOS)

Starting from Verifone Commander POS Base 40 and higher, Verifone Commander will be PA-DSS 3.1 Compliant. Communications via SSL or TLS v1.0 and TLS v1.1 are not supported. Make sure that the OS and Web Browser used to connect to the Verifone Commander supports TLS v1.2 or higher. BOS partners should plan to upgrade to support TLS v1.2 and higher as this

will be the only version of TLS allowed when communicating with the Verifone Commander. TLS 1.2 support will be removed according to PA-DSS termination dates.

Product Codes

Make sure that the Departments and PLUs are using NACS Product Codes.

Wayne and Verifone Secure PumpPAY Keypad Configuration

For the Wayne and Secure PumpPAY DCR configuration, the user is now required to configure the keypad layout located in the Verifone Configuration Client > Forecourt > DCR Key > DCR Keys Configuration. The driver will use the configured keypad instead of using a predefined keypad layout. If an auto upgrade is performed and the DCR key configuration was not present previously, it is expected by the user to configure the keypad for a functional DCR keypad. It can be configured at Forecourt > DCR Key > DCR Keys Configuration and then perform a DCR initialization.

Verifone Remote Software Delivery (VRSD)

This application supports the Verifone Remote Software Download (VRSD) to allow automated software updates from the Verifone servers. See the Verifone Remote Software Delivery Implementation Guide for more information.

Documentation

Shell Commander Network Configuration Guide

See the Shell Commander Network Configuration Guide for configuring the network.

New In This Release: 2.11.35

RESOLUTIONS

Dispensers

When money in a fuel prepay was sent to a pump, the customer did not get fuel and the fuel prepay disappeared from the POS. The cashier had to perform another fuel prepay for the customer but the sequence of events caused the cashier to come up short on the reports. This was corrected.

EPS System

After performing a cash transaction, the PIN pad displayed waiting for cashier message and then the next transaction failed.This was corrected and the next transaction will proceed as expected.

Food Service

On a Mobile Food Order, the POS locked up and required a reboot to clear when an unassigned key was pressed along with input. This was corrected.

POS System

1. Occasionally, if a site with Base 52.16 and higher software that wasn't upgraded frequently to newer versions, the Auto Upgrade would sometimes fail due to large amounts of data on the system during the backing up process. This was corrected and additional time has been added to the back up process.

2. When trying to enter a name, the space bar was not enabled on the keyboard. It prevented inserting spaces between words. This was corrected and the space bar is now enabled.

3. When Electronic Fuel Price Sign communications were first established, they would stop communicating shortly afterwards. They will now continue to communicate after being established.

New In Previous Release: 2.11.34

RESOLUTIONS

Verifone C18 Self Checkout

When using the Order Screen Lookup on Verifone C18 Self Checkout, the button text was missing and other configurations were not displayed. Also, when selecting Order Screen Lookup, and IO exception error was displayed. These were corrected.

Dispenser Card Readers

Occasionally, the DCRs lost communication with the POS and displayed poll errors. The customer was able prepay inside, but the sale came due after pumping gas. The cashier needed to press the pump number for it to complete. The DCRs no longer lose communication.

EPS System

Sites were having issues with batches being out of balance. The POS was sending up an additional completion with the batch that the host was not capturing, on both the initial and retransmitted batches and therefore causing out of balance batches. This was corrected and now they are not out of balance.

New In Previous Release: 2.11.33

ENHANCEMENTS

Verifone C18 Self Checkout

1. The App Selector is now supported on the Verifone C18 POS. This feature allows the POS to switch from Cashier Mode to Self Checkout by pressing the blue icon on the idle page. After pressing the icon, the POS displays Point of Sales mode or Self Checkout mode. After selecting Verifone Self Checkout and the application transitions, the C18 screen can be rotated to the Customer side. Also, the cashier can flip the screen and self checkout application will start automatically. There is no need to use app selector blue icon.

2. A system configuration property "allow.sco.prepay" has been added for Verifone C18 Self Checkout Fuel Prepay and will default to "no". When changing property value, the update can be applied at Verifone Configuration Client > Tools > Refresh Configuration or by logging out and in without reboot.

3. Fuel prepay transactions are now supported in the C18 Self Checkout. The customer will press the Fuel Prepay button. They will be prompted for a pump number and then the dollar amount or volume. The fuel panel on the POS register will be updated according to fuel prepay. The fuel prepay can't be suspended. The "Pay at counter" button will not be displayed when prepay item is in the transaction and cashier help is requested.

4. The "Loyalty Customer Y/N?" prompt has been added to the transaction flow on Verifone C18 Self Checkout.

Verifone Configuration Client

The parameter name "SSL" has been changed "TLS" throughout Verifone Configuration Client.

Dispensers

1. A Minimum PPG setting called "Minimum Street Price" has been added at Verifone Configuration Client > Forecourt > Fuel Configuration > Fuel Products for fuel so that fuel prices cannot be set below this amount. A security level was added in order to restrict the changing of the fuel price. The user can enter a minimum street price for each grade and it prevents from forgetting the 0.9 cent. Discounts from POP and Loyalty can reduce the customer's price per gallon below this value.

2. Performance improvements have been made to the Fuel Drivers.

POS System

1. A feature is being introduced called Verifone POS Workstation Pairing. It pairs each Verifone POS Workstation with the Verifone Commander. The Pairing process establishes a trust relationship between the Verifone Commander and each Verifone POS Workstation and creates secure communication links.

2. The Verifone RubyCi startup performance was improved.

3. POS performance has been improved when performing ID checks and other prompts.

4. Performance improvements have been made on the POS Express Panel.

5. There were performance improvements on the Daily Message functionality.

6. Verifone Self Checkout Monitoring is an enhancement that includes an integrated monitoring mechanism between POS and Verifone C-18 SCO at the store in order to offer assistance to customers when required.

7. System Information will now be sent in the Site Assets for Verifone Commander and POS.

Sales

1. On the Cashier POS display, the DCR Calling Icon was modified from a "Car with Credit Cards" to just "Credit Cards" displayed on the icon.

2. Performance improvements have been made to fuel transactions when reserving a dispenser.

Shell FEP

The Shell Distribution now has the ability to separate Debit from the cash/credit pricing discounts in Verifone Configuration Client.

RESOLUTIONS

Verifone C18 Self Checkout

1. On Verifone C18 Self Checkout, during a fuel prepay transaction with loyalty, the POS was displaying "Loyalty Price Per Gallon Request." This has been changed to "Follow PINpad instructions" similar to loyalty in a merchandise transaction.

2. After the customer selected "Choose PINPAD" from the "Scan Loyalty Barcode or Enter ALT ID" prompt, the Verifone C18 Self Checkout was not displaying the follow PINPAD instructions text. Instead, it displayed the Credit payment message. It was not directing the customer that the loyalty card should be swiped on the PIN pad before payment. It now displays the "Follow PINpad instructions" message.

3. The Verifone C18 Self Checkout application was not retained after an Auto Upgrade. The Verifone C18 Self Checkout application will now be retained after an Auto Upgrade.

4. The following Verifone C18 Self Checkout issues were corrected:

   ■ Movable Numeric Keypad was not retaining its last location after being canceled.

   ■ When performing a Price Check with ID Check, the screen was locking up on the age restricted message overlay.

   ■ Numeric Keypad was hidden or dismissed upon ringing up a PLU from the Welcome Screen.

5. The Operator Display was not clearing the detail after a void ticket transaction on the Verifone C18 Self Checkout. It will now clear the detail.

6. On Verifone C18 Self Checkout and in Cashier Mode, Trigger Pull Failure overlay message was not displayed. The message now displays.

7. On Verifone C18 Self Checkout, after the cashier was called by the customer for an age restricted item and when the cashier logged into Cashier Mode, the Age restricted item category screen was not displayed for the cashier or the system will block access to the CSR Functions. These issues were corrected.

Verifone Configuration Client

1. When the user switched the locale property from English to Spanish, they were unable to access Verifone Configuration Client. This was corrected.

2. After an auto upgrade, the Fuel Products and Fuel Positions may have been unavailable in Verifone Configuration Client. This was corrected and now they are available after an auto upgrade.

Dispensers

1. Commercial fleet cards were allowed on a non-commercial regular fuel dispenser when indoor prepay sale with amount was tendered. This was corrected and now they will only be allowed on commercial dispensers.

2. Commercial Fleet Prepay option was enabled on the POS Fuel Panel View even though it was disabled in Fuel Position Configuration. It will now be disabled on the POS Fuel Panel View when disabled in Fuel Position Configuration.

Dispenser Card Readers

1. When a site auto upgraded to Base 53.27.00, serial connected Gilbarco DCRs were not loading. This was corrected.

2. Wayne Anthem DCRs were locking up during an EMV Quick Swipe. This was corrected.

3. On a Wayne DCR, while performing chip card transaction, if the card was removed the moment EMV processing was complete and before the remove card was displayed, The Verifone Commander Fuel system was unable to clear the remove card prompt after it was displayed. This was corrected.

4. The following Commercial Fleet card issues were corrected:

    ■ Refunds were not printing a signature line on the receipt.

    ■ When the host was down, a failure message was not displayed to the cashier during Fleetcheck MOP transaction.

    ■ Commerical Fleet card transactions were not printing a signature line.

5. When the product restriction was enabled for car wash and the EPS was not sending it to the POS in card preauthorization, the DCR still prompted for car wash for Visa Fleet cards. This was corrected and the DCR will not prompt for car wash when restricted.

6. Dispensers were not coming out of pump stop in the morning when the site opened for business. When the dispensers were re-authorized at the POS, they appeared to be ready, but the DCR displayed "Pump Stopped". This was corrected and now the dispensers will be ready to fuel.

7. On Wayne DCRs, after a transaction completion, the idle screen refreshed twice and if a card was inserted during the refresh, it remained clamped until a DCR Initialization or reboot was performed. This was corrected and now the card will not remain clamped if inserted during DCR screen refreshes.

8. "Chip Read Failed, Pay Inside" displayed for one second and then "Declined" was displayed. The failure message will now display for three seconds.

9. Intermittently on Wayne DCRs, there was a long delay after the remove card prompt on EMV contact transactions. This was corrected.

10. After the dispensers were at the idle screen, an initial EMV Initialization caused the Wayne ixPay dispensers to reboot. When they returned to the idle screens and a second EMV Initialization was performed, the dispensers worked as expected. This was corrected.

11. When a DCR card transaction was rejected by the host, the next mobile transaction failed. This was corrected.

12. After a DCR Initialization, the Gilbarco M5 and M7 DCRs displayed "Loading Secure Prompts" in an endless loop.

13. In some cases, fuel and DCRs were out of sync if a prepay was in progress and there was an EMV Initialization at the same time. This was corrected and now the prepay will complete first before the EMV Initialization starts.

14. The DCR was allowing two retries for the customer when an invalid membership ID was used. However, the message "Invalid POP member ID. Please Re-try" was displayed on the third attempt too. The Member ID accepted or rejected message was not displayed to customer, but the POP Member ID discount was applied and details were printed on the receipt. A message has been added that notifies the customer that maximum retry limit was reached/exceeded after third invalid attempt of membership ID.

EPS System

1. When the POS or Verifone Self Checkout logged into the EPS with swipe ahead disabled, it appeared the PIN pad diagnostics was not starting as part of the POS login. This diagnostics happened only as part of the first transaction from the Verifone Self Checkout. This caused an EMV initialization issue before running any transaction on Verifone Self Checkout after cashier logged into it.

2. The system was not restricting certain product codes when a Fleetcor card was used. This was corrected and now these product codes will not be allowed.

3. When the customer swiped the card and the system read the MSR data, the PIN pad was not prompting to insert the EMV card. The system now prompts to insert the EMV card.

4. On Verifone Self Checkout, when selecting and scanning the barcode secondary loyalty on Verifone ViperPAY, it resulted in an error and the discount was not applied. Upon scanning the loyalty barcode, card will now be accepted and discount will be applied.

5. Incomm Gift Card Activate was prompting to swipe the card on the POS. It should be prompting at the PIN pad. This was corrected and now it prompts at the PIN pad.

6. The card price tier settings were not saved after an auto upgrade. This was corrected and now they are saved after an auto upgrade.

7. There was an issue where the system was experiencing high CPU usage for a long period of time. This issue was corrected with FEP State Indexing.

Loyalty

1. Swipe ahead was not prompting for Loyalty ID. The PIN pad continued to display the Welcome Screen. The PIN pad now prompts for the Loyalty ID.

2. With loyalty outside and payment inside, the transaction was declined at the DCR. This was corrected.

3. If a user added a loyalty card to the Loyalty Card Configuration with a Card Table index longer than eight characters and configured only the manual entry parameter, the entry created had an '_M' appended to the name in the Loyalty Card Configuration list. When attempting to edit or remove the card, it resulted in an error that the field was too long due to the '_M' value. The maximum length has been changed to allow for the '_M' value.

4. When Alternate ID was enabled, the MX 915 PIN pad displayed the Loyalty ID prompt at the top of the screen and Loyalty button was missing, but instead "Label1" was displayed. Also, the "Welcome to Our Store" message was missing. These issues were corrected and the button and message are now displayed.

5. When there was an invalid manual entry for loyalty, the customer had to press the cancel button several times to exit the loyalty prompt. This was corrected.

Mobile

A Back Office update to the Verifone Commander was corrupting the Mobile Configuration file. This was corrected.

POS System

1. On the POS, the Pair Device screen was not restarting the browser and the white screen with Verifone logo remained on the display. The application will now start automatically after the white screen.

2. After logging into Verifone Configuration Client and viewing Site Asset Data at Reports > Site Asset Data, the "POS Terminals" tab was not populated with any data or items. This was corrected.

3. An email with the One-Time Password (OTP) was not received after it was generated in Verifone Configuration Client. This was correct and now the user is receiving the email.

4. The On-Screen Numeric Keypad back button was clearing all the entered digits instead of last digit alone. It will now only clear the last digit.

5. Verifone Journal Browser drop down menu was not filtering when asked to sort. The Verifone Journal Browser is now filtering the sort request.

6. Fuel Grade Sales Volume Total was incorrect in the T-Log when there was a Manual Fuel Department Refund. This was corrected.

7. There was an issue with the Verifone CDM Agent that was causing dispensers to go offline a few times during the day. These issues were corrected.

8. When inputing values the EMV Configuration at Verifone Configuration Client > Payment Controller > EPS Configuration > EPS Global Configuration, the screen input keyboard did not display on the POS. The screen input keyboard now displays.

9. When the cashier scanned a merchandise item with age verification followed with fuel to the transaction, and then added another merchandise item with age verification, it failed and displayed "Customer Cannot Purchase This Item E1141: Purch. Not Allowed". The second age verification item can now be added without failure.

Reports

1. Mobile Settlement Report was not being sent to the host for the Close Monthly and Close Yearly Reports. It is now sent with those reports.

2. There was a reporting discrepancy in the Fueling Point Hose Report when there was a fuel sequence number rollover. It will now increment correctly.

3. Decimal point was disappearing when entering drawer amounts in Print Cashier Reports. This was corrected.

Sales

1. When there was a prepay transaction in progress at the same time as a EMV initialization, it caused the prepay limit to be the same as the previous transaction. The current preset amount will now be honored for the pay inside transaction.

2. For the Manual Fuel department transaction, the word "Sale" was missing from the message overlay and receipt. The word "Sale" will now be included.

3. The partial DOB entry was processed as amount due for payment when customer scanned their Driver's License and cashier was in the middle of DOB entry. The amount due will now be processed correctly.

4. The signature capture verification overlay message was incorrectly displayed on the POS screen for the cashier to verify and confirm the signature. A complete progress bar was covering up the signature. This was corrected and now the captured signature from the PIN pad with the confirm and cancel buttons displays for the cashier to confirm it.

5. The following POS issues were corrected:

   ■ Intermittently, "Reprint not possible" message overlay displayed upon selecting Reprint

   ■ When navigating through the <Ticket Print> keyboard from last item, the reprint window was dismissed

   ■ Numeric keypad icon was enabled on the express panel when reprint window was displayed

   ■ When using Reprint, the index numbers were inconsistent

   ■ Intermittently, the user was unable to select the reprint line item upon touch

   ■ Keyboard navigation was not working on select till window

   ■ During Receipt Reprint, there was a mismatch between selected receipt and the previewed receipt while scrolling

   ■ Receipt Preview was empty for suspended transactions

6. When the In-House MOP was used in a prepay, the user was unable to clear an underrun using it. The the In-House MOP key would only beep. This was corrected.

New In Previous Release: 2.11.28

RESOLUTIONS

Dispenser Card Readers

1. Intermittently on Wayne DCRs, when the card was inserted to begin an EMV transaction, it remained clamped until a DCR initialization was performed. The DCR will now release the card when the read process is complete.

2. Intermittently on Wayne DCRs, there were card clamping issues when handling Quick Swipe transactions. These issues were corrected.

POS System

Period sequence numbers were inconsistent in tranSet entries. This was causing confusion for back office software.

New In Previous Release: 2.11.27

ENHANCEMENTS

Verifone C18 Self Checkout

1. Whenever the customer clicks Call Cashier on the Verifone C18 Self Checkout, the event will be journaled.

2. The Verifone C18 Self Checkout "?" Help icon has been changed to "Help" in the upper right-hand corner of the screen.

Dispenser Card Readers

1. All available Wayne version and status information will now be logged for tracking and analysis.

2. Charitable Donations is now supported at the DCR.

3. The PIN Bypass option requirement has been added on PIN entry screens for EMV Contactless.

4. NFC Mode will default to MSD contactless for sites previously having RFID enabled set to true regardless of the EMV enabled.

EPS System

1. Sites can now configure their active loyalty programs to support Apple Pay VAS (Value Added Services) for loyalty entry. Customers can take advantage of the site's loyalty programs when paying with an Apple Pay device that has been configured with loyalty passes. Also, the site can send configured Loyalty program Pass IDs to the Apple Pay enabled PIN Pad. This will allow the PIN pad to accept loyalty entered via the customer's mobile wallet. This benefits the customer of not having to carry separate loyalty cards or enter Alternate IDs to access their loyalty awards.

2. Apple VAS (Value Added Services) will now have Spanish translation support.

3. The system was generating inconsistent messages when an EMV card was inserted at a DCR that contained soft keys for Debit or Credit on the DCR screen. The customer was selecting one option and then doing something else. The transaction flows have been enhanced to eliminate the inconsistent messages sent to the host.

4. In Core EPS, if there is a card table match with a FEP that is disabled, the card will be declined.

Food Service

Support was added to KDS without iOrder. Currently, sites that are using KDS, must have an iOrder. This enhancement is for sites with limited counter space where they would like to use KDS, but don't have the need for an iOrder. This is for sites taking a lot of phone orders or delivery orders. Now, they can use KDS without iOrder.

Loyalty

When the loyalty host sends a message, the system displays them sequentially. Now, they will be displayed at the same time if the target device of these messages are different so that the wait time is limited.

POS System

The application performance speed has been enhanced.

Sales

1. The system now has the ability for cashiers to enter a partial amount for network cards instead of letting the payment network response reduce to zero and move to next the MOP.

2. The Cashier Login ID can now be changed to an Employee Number by enabling it at Configuration Client > Store Operations > Sales Configuration > Sales Parameters > Employee Number Login. The feature does not allow duplicates. If attempted, a message "Employee number already used: [1234]" displays.

3. The ID Check Required prompt has been changed to "Must be born on or before MM/DD/YY."

Shell FEP

1. The Verifone Commander will now pass along the car wash validation code to the Shell EPS when car wash expiry date is set to zero. This is a California specific requirement. Car washes purchased on the Mobile app will now be able to display the car wash code to the customer.

2. If the Terminal CVM limit is missing or not configured, the POS or terminal will not process the Configuration Device Request.

RESOLUTIONS

Verifone C18 Self Checkout

1. On Verifone Self Checkout and in Cashier Mode, when entering data for ID Check items and pressing OK, cancelling PIN pad session message overlay was displayed. The cancelling PIN pad session message overlay should not be displayed for providing data to ID check.

2. On Verifone C18 Self Check Out, the Screen Configuration was not backed up and restored after an Auto Upgrade. it will now be backed up and restored after an Auto Upgrade.

3. On Verifone C18 Self Checkout, the Cashier, Register, and Drawer details were printed in receipt footer for declined EMV transactions. These details are no longer printed.

4. On Verifone C18 Self Checkout, Exit (X) icon on the Express Panel was enabled and functional when the ID Check prompt was present. The Exit (X) icon will now be disabled at the ID Check prompt.

5. On Verifone C18 Self Checkout, Numeric Keypad keys were grayed out after Inactivity Timer ended when there was no response to the ID Check prompt. Number keys will be enabled and allowed to key in any numbers.

6. On Verifone C18 Self Checkout, when the customer answered Yes to the Reward Customer prompt, selected Alt ID option and then entered the Loyalty PAN number on the PIN pad, an error message was not displayed. Manual entry of the Loyalty PAN number is not allowed. An error message will now display.

7. On the Verifone C18 Self Checkout Reprint panel, the fuel amount was displayed incorrectly when a fuel tax was added to the sale along with a POP Discount. The fuel amount will now display correctly.

8. On Verifone C18 Self Checkout, the cashier was not logged out on inactivity timeout and it caused the POS to lock up. The cashier will now be logged out when the inactivity timeout timer expires.

9. When refreshing the browser on Verifone C18 Self Checkout, the echo keyboard area displayed READY text. After refresh, the Verifone C18 Self Checkout will now display the same screen.

10. During a refund transaction, the year "YY" was displayed on the next line in the "Enter Original Transaction Date MM/DD/YY" overlay. The MM/DD/YY will now fit onto a single line.

Configuration Client

1. In Configuration Client, the message displayed OTP (One-Time Password) was generated but it did not display on the Verifone Commander. The message will not display if the OPT is not generated on the Verifone Commander.

2. Item Selection values for Function Type were not displayed correctly at Configuration Client > Touch screen > Panel Configuration > Click on Add button and then choose any key choose Type as Function. Item selection values for Function Type will now load properly.

Dispenser Card Readers

1. When a chip card was inserted in the DCR following a loyalty card mag-stripe read and before the CRIND displayed the "PAY HERE Y/N?" prompt, it appeared that there was an attempt to read the chip card, but then it failed and then the DCR displayed "Please See Cashier". The transaction proceeds as normal operation.

2. The following Commercial Fleet issues were corrected:

   ■ Gilbarco M7 10" DCR displayed as "Enter License Number." This was changed to "Enter License Plate Number."

   ■ Store and Forward transactions were not printing prompts. The prompts will now print on the receipts.

   ■ If authorization amount was greater than Stand-In limit, the transaction failed. The lower of the two amounts will now be used as the authorization amount.

   ■ After prepaying for fuel inside with an EMV card and then completing the sale outside, the final receipt printed at the pump had a signature line on the bottom.The signature line is now removed.

   ■ If the transaction had only merchandise and no fuel, the DCR was not displaying "See Cashier." It went back to the idle screen. The DCR now displays "See Cashier."

   ■ Duplicate records displayed in the Receipt Reprint Transaction List when more than one transaction has the same Transaction Time value. This was corrected.

   ■ When the cashier entered amounts for purchase or refund, only asterisks displayed. Amounts are now displayed.

   ■ Commercial transactions were not deleted after a Period Close. They are now deleted.

   ■ "Enter Vehicle Number was displayed instead of "Enter License Number" on the DCR. This was corrected.

   ■ On the POS, the unit price and network code were not populating in Preauthorization T-Log during prepay with PLU and/or department including a POP discount transaction

   ■ DCR receipt alignment issues for outdoor transactions

   ■ Enabling commercial setting at dispenser also enabled multi-grade prompting

   ■ Cashier Verify Signature was not allowing cashier to answer prompt when prompting for zero dollar sale

   ■ Gilbarco secure prompt LICN displayed Enter License Number instead of License Plate Number

- ■ No refund was received when clicking the "Help" button in case of prepay underrun

- ■ Display Prompts alignment and timeout were out of order

3. After tapping on the contactless reader, the DCR returned to the idle screen without completing the transaction even though it sent EMV contactless data. The DCR will now complete the transaction.

4. When a chip card was inserted in the card reader following a loyalty card mag-stripe read and before the DCR displayed the "PAY HERE Y/N?" screen, it appeared there was an attempt to read the chip card, but then it failed and displayed "Please See Cashier". The transaction will now complete.

5. When cancelling chip card transactions at the PIN Prompt Screen, the DCR displayed "Transaction Declined" instead of "Transaction Cancelled". When cancelling MSR transactions at the PIN Prompt Screen, the DCR displayed "Transaction Cancelled", but then 2-3 seconds after, it displayed "Required Input was not entered" instead of going to idle screen. These transactions will now display the correct messages.

6. The Gilbarco M7 DCR locked up with the "Remove Card" prompt until it timed out. The DCR will no longer lock up.

7. DCR transaction Receipt was not printing after fueling when the POS lost communication with the EPS. The receipt will now print when the POS to EPS is offline.

8. A card was clamped and the customer was unable to remove if they inserted the card during the reward program's "Pay Now" screen without selecting any options. The customer will be able to remove the card.

9. When a Wayne iX Pay 1 DCR did not fully clamp the EMV card as expected, it allowed the customer to remove card (quick swipe) and caused flow issues. The system will now detect quick swipe when the customer removes the chip card during the "Please Do not remove card" prompt. The DCR will display a warning message "Please Read! Your card has a security chip, Do not remove until prompted, Wait to reinsert" and it will also prompt for "Please Remove Card" with beeper sound if card is detected in the Reader while warning message is displayed.

10. For MSD Contactless transactions, the DCR reader made an audible beep but the idle screen remained. The transaction will now proceed.

11. When the MSD configuration was sent as part of the DCR Initialization, the reader did not apply the configuration sent in the first attempt. This will now be applied.

12. When the POS terminals were shutdown when the site closed and then powered up in the morning, the POS locked up with the "Starting up, Please Wait" message. This was caused by the DCRs in a looping state. The POS will now launch successfully and the login page will display.

13. At the Wayne DCRs, Hybrid loyalty cards were not being processed for loyalty rewards. They are now processed.

EPS System

1. Dealer Information was not sent in the POS Configuration Update, because it was not saved after the Auto Upgrade. It is now saved.

2. WEX DCR prompt for data was not updated after an Auto Upgrade from an older base. Prompt for data is now updated.

3. WEX outside transactions were not prompting for data. They now prompt for data.

4. The EPS processed Contactless ICC cards even though the EMV Configuration was set to Contact after an Auto Upgrade. The PMC will now process cards as Contact if configured after an Auto Upgrade.

5. RCI scheduler stopped checking in to the host hourly. RCI scheduler now checks in.

6. The payment system has been optimized to process the Day Close when a site has a large number of fueling positions so that they can operate business as usual.

7. When Authorization on Total and Loyalty were enabled, EBT swipe ahead transaction was performed, "No" was pressed at the Rewards Y/N prompt, and then Total with Credit MOP were pressed, it resulted in an "Invalid PIN Block" error message. The error message will no longer display.

8. The PIN pad was displaying declined messages for approved transactions. This was an intermittent issue during the first few transactions after an Auto Upgrade. The messages will no longer display as declined.

9. When AUX network transactions failed, they were not sent back to the POS for handling, but instead the VIPER was returning a declined message resulting in a failure/inability to handle as an AUX network transaction. The AUX network transactions will now be sent back to the POS for handing.

10. After an EMV PDL was performed, the outside EMV became disabled. Outside EMV now remains enabled after EMV PDL.

Loyalty

1. With multiple loyalty programs configured, the second loyalty card was failing after swiping the payment card and the first loyalty card. The second loyalty card no longer fails.

2. There was a Ticket Level Discount mismatch in the Loyalty Approval Report. Ticket Level Discount values will now be updated correctly as per the transactions.

3. At the loyalty card swipe prompt and if the user swiped an invalid loyalty card, the card swipe prompt on the PIN pad was displayed indefinitely.

4. Swipe Loyalty card prompt was not displayed if there was a card read error. Swipe Loyalty card prompt now displays.

5. There were frequent "EPS IS BUSY" messages following the prompt to swipe loyalty card giving the impression of a PIN pad lockup. This was corrected.

6. The Loyalty PPU Totals by Grade Report was double counting the Count and Volume. This report was including both entries for patron and VCMG in the counts and counting the volume twice. the counts are now correct.

7. Loyalty was not processed for a hybrid card for which entries were created in Configuration Client > Loyalty Card Type Configuration. It will now process.

Mobile

During an outdoor mobile transaction, car wash was not prompted. It is now prompted in the transaction.

Reports

1. The POP Discount Definition Report and the POP Discount Program Report totals were incorrect when they included multi-grade or multiple product transactions. The totals are now correct.

2. Total Sales value under Combo Deals was missing the second decimal value and the Mix & Match Deals section Total Sales value was not rounded properly. The totals in the Deal report now display correctly.

Sales

1. POP Discount Stacking on a single or multiple multi grade fuel item line when item based, payment based, membership based, or POP Discount stacked on same prepay or post pay fuel Indoor and outdoor, it was not working. It is now working correctly.

2. Cashier was unable to approve the fuel transaction using detailed view on utility panel. The fuel detailed view prompt now displays and the cashier is able to approve the dispenser.

3. When POS Configuration > Multiple Loyalty Discounts in Same Transaction was disabled and the customer swiped an invalid card, the customer Rewards prompt displayed more than once in some transactions. The prompt will now only display one time.

4. The POS locked up while performing Till operations if the "Maximum Till Transaction Amount" value was set to "0.00". The POS no longer locks up.

5. The POS ticket window and receipt widget displayed incorrect amounts for the subitems after the discounts were applied. The POS ticket window and receipt widget will now display the correct amounts.

6. On Commercial Fleet card transactions, the prompt data was not printed on the receipts. The prompt data will now print on the receipts.

7. On Commercial Fleet card transactions, the outside AID standin limits were not restored after an Auto Upgrade. They are now restored.

8. When an item is present in multiple combos and then adding it to a sales ticket, there was a noticeable delay for the item addition. Now, the item will get added immediately without delay.

9. If a Price Per Gallon discount and a line item discount and then fueling was completed, the Price Per Gallon discount was doubled when checking if the new discount could be applied. This could cause some valid discounts to be rejected. The Price Per Gallon discount will no longer be doubled.

10. On the POS User Panel, Parked menu panel was not swiping on the sales screen and on the utility panel, the fuel button touch actions were not working. The Parked menu and fuel buttons are now working correctly.

11. Cashier was unable to approve the fuel transaction on Show Fuel panel. The fuel detailed view prompt now displays and the cashier is able to approve the pump using Approve or Restart button.

New In Previous Release: 2.11.22

ENHANCEMENTS

Dispenser Card Readers

DCR soft keys are now shaded and aligned in a way so that the user knows that it is a touchscreen for input.

POS system

Performance improvements were made to the input, review, and message overlays on the POS and Verifone Self Checkout.

RESOLUTIONS

Verifone C18 Self Checkout

The following Verifone C18 Self Checkout issues were corrected:

- Invalid department error message on accessing Gift Card Activation functional Key.
- Gift card activation overlay was not dismissing after activating the card.
- Unable to activate Gift Cards.
- All Fields and labels were not displayed in Spanish on the Touch Screen Configuration page.

Mobile

In a Mobile loyalty transaction, the Loyalty Reward ID was zero for the POS ticket discount items. This was happening only when the system was using Verifone EPS as secondary EPS. Mobile will now pass Loyalty Reward ID whether loyalty discount is delivered from secondary EPS or primary.

POS System

An incorrect Workstation ID for Car Wash was sent in the Card Service Request from the Verifone Commander. the correct Workstation ID is now sent.

Sales

The system was automatically selecting an unused fuel grade and assigning an incorrect product code for outdoor and prepay fuel transactions. The system will now select the correct configured fuel grade and product code.

New In Previous Release: 2.11.21

RESOLUTION

Dispenser Card Readers

DCR soft keys were not shaded in boxes and it made the customer unaware to press the button. The DCR soft keys are now shaded.

New In Previous Release: 2.11.20

ENHANCEMENTS

Verifone C18 Self Checkout

1. Age restricted items are now supported on Verifone C18 Self Checkout. If an item is flagged for age restriction, the Verifone C18 Self Checkout will display "Age Restricted Item. You can call the cashier or get the receipt and finish with a cashier at the counter." Below the message, the buttons "Pay at Counter" and "Call Cashier" are displayed below the message.

2. Swipe Ahead will now be disabled when the Verifone C18 is in Self Checkout Mode and enabled in Cashier Mode. Also, the "Pay Now" button has been renamed to "Checkout."

3. Verifone C18 Self Checkout performance has been improved when retrieving images from the Verifone Commander.

Dispenser Card Readers

1. Wayne 5" DCR screen text now has a bold font.

2. Bennett and Invenco DCRs display sizes are now supported. DCR Position Parameters have been updated in Configuration Client for display size options.

3. The user now has the ability to log into Configuration Client > Forecourt > DCR Configuration and change DCR Position. Also, various RFID Modes such as Contactless, Contactless MSD, and Contactless EMV can be configured.

EPS System

1. Core support for contactless transactions will continue at the dispenser using Mag-Stripe data when EMV contactless is not enabled, so that the site can accept contactless transactions with "EMV Contact only" enabled AFD terminal.

2. On Automated Fuel Dispenser EMV Contactless transactions, No CVM will be supported on all Mastercard AIDs for transactions above the CVM Limit.

Loyalty

The site is now able to control what loyalty programs display inside, outside, or both. This enhancement is configurable for each PCATS FEP at Configuration Client > Payment Controller > EPS Configuration.

Mobile

Transaction Date and Time will now be added to the Mobile Terminal Batch Detail Report.

Proprietary Fleet

1. For Proprietary Fleet cards, the authorization will allow decimal amounts instead of whole dollar amounts.

2. For Proprietary Fleet cards, the reference number will now be sent by the EPS to POS in the IFSF response.

RESOLUTIONS

Verifone C18 Self Checkout

1. When the customer selected Credit, Cancel and then Help, the message "Cashier will help you shortly" appeared followed by the message "CREDIT failure" on top until the POS is rebooted. The "Credit Failure" message will now stay hidden and the current message will remain.

2. When composite Items received a loyalty discount, the discount amount was misaligned on the receipt panel causing confusion to the cashier due to the amounts on the far right not

adding up. The discount information line will now be in alignment on the receipt panel as it is printed on the receipt.

3. After entering items and pressing "Checkout", the application was not exiting Cashier Mode. The application will now exit from Cashier Mode.

4. The following messages were missing from the POS:

   ■ Card already in use

   ■ Attendant not active

   ■ Unable to store Attendant information

   These messages were added.

5. When selecting any items from the lookup screen or hot item screen, the Self Checkout gave a beep sound and the item was not added to the sale. Items will now be added to the sale.

6. If two users have the same security level on Verifone C18 Self Checkout, the previous user was logged in the journal instead of the current one when helping a customer using cashier override. The correct user is now logged in the journal.

7. If a user entered a "CSR Func" menu and then exited, only the exit was logged. The Enter entry is now logged.

8. If a transaction was suspended by a cashier who did not open the Self Checkout, the suspended transaction was recorded in the log for the cashier who opened it. The correct cashier will now be recored in the log.

9. After pressing MOP on Verifone C18 Self Checkout, the PIN pad was not moving from the loyalty screen to swipe ahead if there was no loyalty selection. Also, the Print Receipt was not displayed upon completion. The PIN pad will now move to swipe ahead and Print Receipt will be displayed.

10. The current receipt footer has till, drawer, and cashier numbers. These are not relevant for Self Checkout. They were removed. Also, the last digit was missing on the Transaction ID. The last digit is now included.

11. In Self Checkout Cashier Mode, message overlays were not covering the entire screen. They will now cover the entire screen.

12. Operator Display Panel was flickering when adding items to the receipt. The flickering has been fixed.

13. The following Verifone C18 Self Checkout issues were corrected:

    ■ Up Sale alert prompt was not dismissing after end session of inactivity time.

    ■ During Up Sale, the alert message title was not displaying in bold and alignment of message was incorrect.

    ■ Under Rule manager, the ID check prompt was displaying in Customer Mode when ID check action was enabled for PLU.

    ■ During Up Sale, the Cancel/OK button on alert prompt was different in size.

14. Verifone C18 Self Checkout Receipt window was not cleared after completed transaction. The panel will now clear.

15. Operator Display Panel was not displaying the details of a zero dollar sale after going to order screen without adding any item. The details of the transaction will now display.

16. After the customer added items on Verifone C18 Self Checkout and then pressed Pay Now, the transaction would get stuck at Select Payment Method screen until the Session Time out. The Verifone C18 Self Checkout will now continue and complete the transaction.

17. Verifone C18 Self Checkout screen locked up after clicking on the Checkout button after an automatic void sale. The Verifone C18 Self Checkout screen no longer locks up.

Dispensers

The fuel system controller was interpreting '00' length for EMV tag (5F34) as value and sending it to the EPS. It will no longer send the tag to the EPS.

Dispenser Card Readers

1. PPU discounts were applied to the grades, but the Loyalty PPU Transaction Detail Report printed no data. Loyalty PPU Transaction Detail Report now prints the correct data.

2. At the DCR, the Preset amount was not being honored in a multi-grade transaction. The Preset amount is now honored.

3. Card was clamped at the reader when an EMV Contactless card was tapped and then inserted immediately. The card will not be clamped.

4. On a Wayne DCR, the card would get stuck if it was inserted at the same time of a DCR initialization. The card remained clamped in the reader, but it was released after the DCR initialization was completed. The card will no longer get stuck.

5. DCR was not displaying any message after the card was tapped and before the transaction was approved. The DCR will now display that the transaction is processing.

6. At the Wayne DCRs, Hybrid loyalty cards were not being processed for loyalty rewards. They are now processed.

7. Commercial Fleet transactions were not prompting correctly. They now prompt correctly.

8. After prepaying for Commercial Fleet fuel transaction inside with a Mastercard EMV card and completing the sale outside, the final receipt printed at the DCR had a signature line on the bottom. The signature line will not print on the DCR receipt.

9. When performing a Commercial Fleet transaction at the DCR, the display prompts "Enter Data." The DCR will now prompt "Enter Vehicle Number."

10. There were intermittent clamping issues observed in Wayne DCRs. These issues were corrected.

11. Fuel Only Fleet cards were prompting for car wash. These card are now restricted to fuel only.

EPS System

1. When a Mag-Stripe Data Contactless card was tapped, it processed and was approved by the host. EPS will now decline the transactions and display "RFID Not Allowed" when EMV contactless is enabled.

2. Outdoor EMV Debit Contactless transactions were not prompted for Online PIN but the DCR displayed "Debit selection requires PIN" error message and then declined offline immediately. DCR will now display Online PIN prompt.

3. Mastercard Fleet and Visa Fleet Mag-Stripe transactions were getting declined. These card transactions are no longer declined.

4. Job ID displayed instead of Job Number for outside local and hybrid loyalty prompting. The Job Number prompt now displays.

5. The refund process to deactivate an InComm card was not working as the "Swipe to Deactivate" prompt was not displayed on the PIN pad. The Refund process to deactivate an InComm card is now working correctly by displaying "Swipe to Deactivate" prompt on the PIN pad.

6. Previously, Product restriction Prompt was not displayed in Fleet card transactions. It was causing prepay transactions not to complete. This was corrected.

7. An error occurred when processing Proprietary Fleet card transactions, because the Clerk ID was missing. The Proprietary Fleet card transactions will now process correctly without errors.

8. Mastercard Fleet was not prompting with the matched track data instead of preferring Track 2 data. The system will now prompt with the matched track data.

Loyalty

1. The Terminal Batch Loyalty Detail Report was reporting the incorrect account numbers on some multiple loyalty transactions. It now reports the correct account numbers.

2. Alternate ID Loyalty was discarding Hybrid VCMG inside and outside. The Hybrid VCMG will now be included.

3. Loyalty and Payment in the transaction unexpectedly failed after fueling. The transaction will now complete successfully.

4. When the loyalty card was scanned followed by the Total key, and then Credit key, the transactions resulted in a Partial Failure. The loyalty transaction will now complete successfully.

5. When the loyalty card was scanned followed by the Total key, and then Credit key, the transactions resulted in a Partial Failure. The loyalty transaction will now complete successfully.

6. When an optional discount was declined, the system tried to send a Cancel Redemption Message to the loyalty host. It waited 15 seconds for a response. The system no longer waits for a response.

7. When purchasing an invalid product using a Credit EMV card, the PIN pad cycled between processing and waiting on cashier. The PIN pad did not advance to the Loyalty I'm Done screen. The transaction will now continue to the Loyalty I'm Done screen.

8. When attempting to use a loyalty provider, the site could not connect after configuring the loyalty for TLS. Additional Entrust and Digitrust certificates were added so that the site can now connect to the loyalty provider.

9. When the loyalty host applied a discount on an order menu item, the POS did not send individual sub-items to the EPS and loyalty host. There was only one sale item with the parent item and the summary net amount of the composite item. This caused negative tax amounts and/or unit price issues. POS now sends the individual sub-items to the EPS and loyalty host.

10. Ticket Total displayed under Loyalty Programs in the Line Item Discount Detail Report was not calculated correctly, but the Ticket Total displayed under Summary Discounts for all Loyalty Hosts was calculated correctly. Ticket Total displayed under Loyalty Programs in the Line Item Discount Detail Report is now calculating correctly.

POS System

1. Petro Suite Installer (PSI) failed to load Base 53 software on Verifone Commander or RubyCi running factory 1.04.00 OS image. The Base 53 Petro Suite Installer (PSI) program (Petro_Suite_Installer.jar) now responds correctly when the "Minimum OS Version" field is not available from the device as occurs with older OS versions such as 1.04.xx and 1.05.xx. Prior bases are not affected.

2. POS was not sending certain Wayne dispenser information such as firmware and OS versions and model as part of the Site Asset Data to EPS. The information is now sent.

3. The user was unable to start pending forced auto upgrade remotely. The Auto Upgrade will now start remotely.

4. The Topaz was not displaying the fuel prices at CSR Func > Fuel Manager Menu > Fuel Price Configuration > Product > Prices. The Topaz now displays the fuel prices.

5. On the Receipt Preview List, occasionally, the user was unable to preview the second page of transactions or if the user was able to view and selected a transaction, the previous page of transactions were removed. The user is now able to preview the second page and the previous page will remain when a transaction is selected from the second page.

Sales

1. Verifone M400 PIN pads were intermittently not displaying line items. It required a POS reboot before the line items were correctly displayed on the Verifone M400. The line items are now displayed without having to do a POS reboot.

2. Transactions were declined at the site where a transaction containing an item with fees was voided. Transactions are no longer declined if a transaction containing an item with fees is voided.

3. The POS locked up after pressing "OK" on the Safe Drop overlay for a zero amount. The safe drop input overlay will now stay until a valid input is provided and then complete the transaction.

4. On Commercial Fleet transactions, advanced options filters were not working after selecting transaction from preview list. These advanced options filters are now working correctly.

5. On Commercial Fleet transactions, there was a prepay quantity limit rounding error in the T-Log. The transaction now rounds correctly.

6. On Commercial Fleet transactions, there was a host based discount issue with postpay mobile transactions. The host based discount issue was corrected.

7. At Item Level Loyalty Discount, the POS was adding the taxes for EBT Food Stamp in the amount to be paid with the second MOP for Non-Food Stamp items. The transaction went through for both EBT Food Stamp and second MOP, but the taxes were charged. Taxes will not be charged.

8. At Item Level Loyalty Discount, the POS was adding the taxes for EBT Food Stamp in the amount to be paid with the second MOP for Non-Food Stamp items. The transaction went through for both EBT Food Stamp and second MOP, but the taxes were charged. Taxes will not be charged.

9. With Authorization on Total disabled, the sale was declined when the customer selected "No" at the Reward Customer Y/N prompt both inside and outside. The sale will not be canceled when declining Rewards.

10. PLU Transactions that included Mix & Match Discounts had negative Rebate taxes. They will now be positive.

11. Stacked due sale disappeared on the POS after three transactions. Stacked due sales will not disappear.

12. The Commercial Fleet attribute was present in the authorization for non-commercial fleet transactions. The Commercial Fleet attribute will not be present in non-commercial fleet transactions.

New In Previous Release: 2.11.15

ENHANCEMENTS

Verifone C18 Self Checkout

1. The Self Checkout application will now go back to the welcome screen if there is no interaction from the customer and there is no item in the ticket.

2. Quantity is now displayed on the item line in Cashier Mode on Verifone C18 Self Checkout.

3. The Verifone C18 screen saver will be disabled when the Self Checkout is in operation.

Dispenser Card Readers

1. The Verifone Commander now has the ability to sell multiple grades of fuel in a single DCR or prepay transaction.

2. A periodic beeper will now sound when the prompt to remove card is displayed on Wayne DCRs.

EPS System

1. The prompt text "Enter Vehicle #" was changed to "Enter Vehicle Number" for Fleet card prompting.

2. Table downloads can now be performed at a specified time and are not affected by any other table updates in Update Manager.

Food Service

Delivery Fees and Tips has been added to Food Service Mobile Ordering.

POS System

1. The Integrated Customer Display is now supported on the Verifone C18.

2. "EPS PINPAD with Driver License/Membership" option has been added for Ruby2 and Topaz. With this configuration, POS sends a deactivate at the end of the transaction and will not enable it until the POS explicitly initiates loyalty or payment. The additional advantage is line item display will be available on the PINPAD even when a loyalty ALT ID is used.

Sales

Processing improvements have been made to the NAXML Deal transactions.

Shell FEP

1. Outdoor EMV Contactless is now supported for Wayne DCRs.

2. WEX and Voyager EMV are now supported on the Shell distribution.

3. The "Enable RFID" option in Configuration Client > Forecourt > DCR > DCR Configuration > DCR Position Attributes tab is now enabled by default and is non-editable in the Shell Distribution.

RESOLUTIONS

Verifone C18 Self Checkout

1. Previously, the Help and Show fuel options were displayed on the Express Panel on Verifone C18 Self Checkout. This was corrected.

2. The following Verifone C18 Self Checkout issues have been corrected:

   ■ Numeric Keypad was hidden under the user panel when cashier logged in back after period close

   ■ Occasionally, a different screen was displaying in place of void ticket screen

   ■ Header and Title has the same text at Manual POP Discount screen

- Configuration Client > Register Configuration listing only the first among configured Verifone C18 devices in the left panel

- From In-house Account list screen always first account was selected

- Default register configuration was not applied to all the registers

- Warning/Error beep sounded on selecting and/or deselecting grades from multi-grade overlay prompt

- Some items were not added either from customer mode as well as Cashier mode

- Wrong PLU is updating on selecting the PLU from Preview/edit screen

- Inactivity Timer was not working in the Main menu screen

- Not able to process OK prompt on Upsale configured for PLU before adding to transaction via Rule Manager

- Charity was prompted even though the charity department was not white-listed.

- Self Checkout stuck at OPEN PRICE ITEM screen from Cashier mode.

- Cancel Product button was not working with Cashier Mode while modifying the PLU.

- Self Checkout Cashier Mode CSR FUNC key was missing in Express Panel after dismissing the reprint list.

- Self Checkout seemed to be locked up at Main menu screen and no Menu keys were working except X icon.

- At Self Checkout Helpdesk Diagnostics, POS Status screen displayed Self Checkout status as offline.

- Self Checkout Inactivity timer prompted at WELCOME/ Start Checkout screen when switched to Cashier and then to Customer Mode.

- On the Operator Display Panel, the extra payment line was displaying for previous transaction MOP and amount

- Unable to retrieve PLUs based on Product Code and Department to add to Category

- ViperPAY empty line item section displayed after the successful sale.

- Some special characters were missing from alphanumeric keypad.

- Confirm add and cancel option was available for a PLU after Product not allowed error message.

Configuration Client

Previously, a user was unable to change the password in Configuration Manager. This was corrected.

Dispenser Card Readers

1. Previously, the Wayne 5-inch DCR screen was cutting off the right side entry. This was corrected.

2. Previously, the Verifone Commander fuel system was not waiting for the Bennett DCRs to apply the EMV Configuration. This was corrected.

3. Previously, the system was not auto-selecting application for US common debit cards if Enable Remote AID Selection was set to zero. It was causing duplicate AIDs. This was corrected.

4. Previously, the system was not sending AID to EPS when Enable Remote AID Selection was set to '1'. This was corrected.

EPS System

1. Previously, Cashback was not allowed with Debit EMV and Cashback enabled on a prepay transaction. This was corrected.

2. Previously, non-primary FEP cards such as InComm that require swipe, but the system was prompting for insert. This was corrected.

3. Previously, the EPS was not requesting Tag 9F33 when marked as an "Input Output" tag type. This was corrected.

4. Previously, the Force Debit payment option at the DCR was not working correctly. This was corrected.

5. Previously, Credit was incorrectly processed in Time-out Reversal when the completion was routed as Debit. This was corrected.

Food Service

Previously, an error occurred when processing Mobile Food Orders if the tax line had a zero dollar amount. This was corrected.

POS System

1. Previously, the system would sometimes get stuck on "Auto Upgrade in Progress." This was corrected.

2. Previously, Topaz Screen was stuck at "Initializing Sales" stage during the manual installation. This was corrected.

3. Previously, the sub house account number was always the same for each customer house account transaction. The repeated number was the number of the first house account entered into the system. This was corrected.

Reports

Previously, when a transaction was paid using two or more network payments, the Network Card Report was not updated correctly. This was corrected.

Sales

1. Previously, there was a Loyalty swipe ahead issue which forced the customer to swipe the card twice for payment. This was corrected.

2. Previously, Swipe ahead was still enabled for the first transaction when the PIN pad was configured with Driver license/Membership swipe. This was corrected.

3. Previously, when repeating last item on POS, loyalty discount was duplicated. This was corrected.

4. Previously, when repeating last item on POS, car wash codes were duplicated. This was corrected.

5. Previously, the POS displayed "Decline" when lotto payout was completed. This was corrected.

Shell FEP

Previously, the Shell logo was covered by the Help soft key on the Wayne DCR. This was corrected.

New In Previous Release: 2.11.12

ENHANCEMENTS

Verifone C18 Self Checkout

Support has been added to Configuration Client for assigning images to Menu Items in Menu Key Configuration.

Dispenser Card Readers

The display font on Wayne 5-inch DCR screens has been changed from standard weight Arial font to Tahoma Bold.

EPS System

1. When accepting Visa and Mastercard Fleet cards, the EPS will manage fleet prompting and product restrictions consistently and accurately based on the fleet specifications.

2. Previously, Product restriction Prompt was not displayed in Fleet card transactions. This was corrected.

Reports

House Sub Account transactions are now listed in the Reports.

RESOLUTIONS

Configuration Client

1. Previously, when a user password had expired in Configuration Manager, it caused large T-Logs. This was corrected.

2. Previously, in Configuration Client, status texts were not highlighted with appropriate colors in HelpDesk diagnostics. This was corrected.

Verifone C18 Self Checkout

The following Verifone C18 Self Checkout issues were corrected:

- When Express panel was displayed with "We can't sell that here" screen, the application became unresponsive upon holding Help icon for five seconds.

- Transaction payment was not reversed for partial payment after the inactivity timer.

- Transactions not allowed when period close was in progress.

- Error message not displayed when the scanned or selected item did not exist for purchase.

- Ringing up PLUs that do not belong to white-listed departments not prevented.

- Fuel related departments were not restricted in customer and cashier mode.

- Recall in customer mode was allowed for suspended transactions.

- Pay at the counter receipt not printed correctly for failed EMV transactions.

- PIN pad displaying blank screen for Loyalty prompt when send reward prompt to cashier was enabled.

- Upon selecting the back button from "We cannot sell that here" screen, CSR function/ Main menu screen was displayed.

- Pay at counter option was not displayed in the "We cannot sell that here" screen.

- Pay now button was enabled in payment terminal screen.

- Spanish translations were missing from the "Take it to the Counter" messages.

- PIN pad locked up after three bad swipes.

- Suspended receipt incorrectly printed for failed EMV transactions.

- While exiting from lane close mode, message overlay was hidden.

- When Modify key was pressed from Touch to Modify list, a PLU not related to the modifier was converted to the added PLU and one more line item was added.

- "Enter Register number" title was displayed twice on input overlay.

- Invalid login notification was not displaying on Self Checkout.

- Unable to remove store logo from the Store Operations > Self Checkout > Global Configuration.

- Error message was not displayed when trying to save without store logo in the Store Operations > Self Checkout > Global Configuration.

- User able to save the configuration after getting an error message for modifying the store logo at Store Operations > Self Checkout > Global Configuration.

- Image section user interface was different in Category and Global Configurations.

- In Configuration Client, when dragging the department from available to selected columns and vice versa, save and cancel buttons were not displayed.

- Amount Due was not visible completely on performing multiple partial payments when Numeric Keypad was configured as Built-in.

- The lookup button was not displayed if none of the items were configured as Hot item.

- Items displayed under different Menus, such as Ruby, Expanded, and Multi-select, did not display corresponding prices.

- Auto Upgrade widget was displayed on Self Checkout when Auto Upgrade was triggered from Self Checkout on cashier mode.

- Unable to access or log into employee functions mode when Call cashier screen was in focus.

- Order menu was out of sync.

- Edit food order was not functional. Submenus were not visible when editing food order.

- First item from the price check overlay was not added to receipt widget.

- System and daily messages were not displaying on the Self Checkout idle and login screens.

- Upon selecting MOP and card type from advanced options (reprint), popular tab screen was displayed.

- "Invalid fueling position:0" error was displayed upon selecting Yes or NO option for Pay In, Pay Out transactions.

- Dealer Configuration and Mobile Reports screen were not rendered from Network Menu.

- Cancel button label text was displayed in two lines on the Payroll Report.

- Scroll was not working in Cashier Mode when only two rows of items are present on the order and menu chain.

- Success message icon was not correct.

- Close/Print Cashier Reports and Print Current Cashier Reports were not functional from Reporting Menu.

- "Previous" and & Next" directional text were missing for Menus whose names were empty.

- Receipt was not scrolling to bottom/end upon canceling the context-sensitive menu.

- Items missing from the Signature Capture overlay that was displayed on POS.

- Single hot item was displaying multiple times on order screen.

- Discount denomination was not displayed on Self Checkout and on POS, only one discount was displaying from the list.

- Modify was working on Voided order menu (main menu has modifier PLU) when first menu of order menus was a modifier PLU.

- During Price check, error message was displayed when cancel on Express panel was pressed.

- Wrong items were added after selecting Expanded Menu.

- Menu images were not displayed for Order Menu and Menu Chain.

- On the Order Menu, multiple subitems of the same PLU on a Multi-Select Menu were all removed at the same time.

- Some PLU images in a menu were not updating.

- When tender amount required was enabled on Verifone Commander, the total amount due was pre-populated with a default value when the cashier pressed the MOP button. The cashier had to clear it before adding a different value.

Dispenser Card Readers

1. Previously, "Enter POP Code/ Member ID" was prompted at the DCR for an Unsuccessful Preauthorization transaction. This was corrected.

2. Previously, POP Membership was not validated for outdoor transaction when a card with single track was swiped as a membership card. This was corrected.

EPS System

1. Previously during the EMV Initialization, the system was sending Tag 9F66 for Mastercard AIDs. This was corrected.

2. Previously, "Waiting For Cashier" was not displayed on PIN pad for Pay Inside sale and Swipe Ahead sale with Auth on Total enabled. This was corrected.

Loyalty

1. Previously, a hybrid loyalty card was authorizing payment but not processing the loyalty. This was corrected.

2. Previously, Loyalty Reports displayed double amounts after the transaction transitioned out of Store and Forward. This was corrected.

3. Previously, when using payment card with mag-stripe in a loyalty transaction, the PIN pad was returning back to the tender screen. This was corrected.

POS System

1. Previously, a transaction that included quantity was not displayed in the Transaction Manager. This was corrected.

2. Previously, after Verifone Commander software installation, "Call HD K-01" remained on the alarm line on the Verifone Commander display. This was corrected.

New In Previous Release: 2.11.11

ENHANCEMENTS

EPS System

1. The EPS will now indicate it has received the loyalty RFID read from ApplePay VAS so that the PIN pad can proceed with the transaction.

2. EMV Chip card transaction will complete even if there is no response from the PIN pad for card removal.

3. For sites accepting EMV contactless transactions, the EPS now supports PIN Bypass for Contactless EMV transactions that have the Online PIN as the CVM.

POS System

The system performance was improved when the user presses the Total and MOP keys back-to-back on the PIN pad in a loyalty transaction. This eliminates the need for the cashier to press the MOP again.

Verifone C18 Self Checkout

1. Self Checkout is now supported on the Verifone C18 POS.

2. Menu items can be added from configured Expanded, Multi-Select, Ruby, or Parked menus for Verifone C18 Self Checkout.

3. Configured MOP buttons can be chosen by the customer when they press "Pay Now" on the order screen for Verifone C18 Self Checkout.

4. Support has been added for Menu Chain and Order Menu on Verifone C18 Self Checkout.

5. The customer will be directed to use payment terminal to complete transaction on Verifone C18 Self Checkout.

6. Verifone C18 Self Checkout item buttons now display prices on the screen if "Display Lookup Item prices" are set on Self Checkout global configuration.

7. Cashiers can now access express panel via Employee Functions when transaction is in progress so that they can help customer to complete their transaction on Verifone C18 Self Checkout.

8. Customer can ask for help at anytime during the transaction on Verifone C18 Self Checkout.

9. Images are now allowed to be assigned to Menu items in Menu Key Configuration on Verifone C18 Self Checkout.

10. Only Network MOPs are allowed to be configured for Verifone C18 Self Checkout.

RESOLUTIONS

Dispenser Card Readers

1. Previously, a DE55 Tag Format error caused Host Denied at the DCR. This was corrected.

2. Previously, when the user exited the Maintenance Mode on the Wayne DCR, the screen locked up. This was corrected.

3. Previously, with EMV disabled at the DCR, the Mag-Stripe Reader was enabled during fueling. This was corrected.

4. Previously, Wayne ixPay DCR was unlocking card reader, but the DCR screen displayed "Do Not remove Card" until it timed out. This was corrected.

EPS System

1. Previously, outdoor prepay was not working when EMV was disabled. This was corrected.

2. Previously, when the Parameter Download was delayed, it caused the system time to be three hours or more into the past. This was corrected.

3. Previously, the user was unable to access the EPS Global Configuration page. This was corrected.

Incomm FEP

Previously, when trying to activate an Incomm card, the POS prompted for the customer to swipe card, but after a few seconds, the transaction disappeared from the screen. This was corrected.

POS System

Previously, when the EPS was sending 9F53 tag value as part of EMV Configuration, the Verifone FCC was not sending the same to the terminal. This was corrected.

Sales

Previously, parameters in the Sales Configuration were not honored on the POS. This was corrected.

New In Previous Release: 2.11.08

ENHANCEMENT

POS System

The user of the Petro Suite Installer (PSI) will now always have the ability to format the Hard Drive (HDD) even when it is found to be marked as in-use but not formatted.

RESOLUTIONS

POS System

1. Previously, the POS displayed "EMV CONFIGURATION IN PROGRESS" even though EMV was disabled inside. This was corrected.

2. Previously, when the user swipes the payment card on the PIN pad after selecting No for Reward Customer Y/N and before the MOP press, PLEASE WAIT message displayed on the PIN pad and became unresponsive. This was corrected.

Sales

1. Previously, an EMV declined transaction receipt printed a five-digit "DR#" number instead of a single digit. This was corrected.

2. Previously, there were some contactless reader transactions that did not contain the 9F02 tag. This was corrected.

VISTA

1. Previously, the user was unable to upload images that were less then one kilobyte. This was corrected.

2. Previously, VISTA was is not closing the active websocket connection when session was ended by the Close Day or inactivity. This was corrected.

New In Previous Release: 2.11.07

NEW POS

Verifone C18 Workstation

The Verifone® C18 workstation is a high-performance, reliable, point-of-sale terminal that supports peripherals such as scanners, cash drawers, PIN pads, and an integrated customer display. The Verifone C18, with the Verifone Commander™ Site Controller, supports payment network access, fueling dispenser control, car wash control, and fast food transactions. The Verifone C18 accepts and processes all payment options, including cash, checks, credit and debit cards, coupons, and various prepaid cards.

Some features of the Verifone C18 system may or may not be utilized by all versions of the software.

The Verifone C18 has a 18.5-inch color touchscreen with a 16:9 aspect ratio. The screen can be tilted up or down. The screen can be adjusted to a portrait or landscape position. The screen can also be flipped over to the customer side for self-service mode, where available. The screen includes a cashier facing camera. The Verifone C18 user interface employs industry-leading touch technology to enable effortless operation.

Online help is available to support the user and promote quick responses. The Verifone C18, including the touch screen, is configured through the Verifone Commander™ Configuration Manager.

The Verifone C18 operates in a single- or multiple-workstation environment. It uses the Verifone Commander as a controller for optimum speed and efficiency, a thermal receipt printer, and a thermal journal printer to track sales. An on-screen receipt allows easy viewing of current transactions.

In the absence of an intranet infrastructure, the Verifone C18 requires an Ethernet router or network switch to connect to the Verifone Commander to:

- Connect to peripherals, such as fuel dispensers, dispenser card readers (DCRs), and car wash controllers.

- Perform on-site maintenance operations such as backups, upgrades, restores, and reversions to previous software versions.

- Connect with the Verifone Technical Support Center for software downloads and diagnostics.

- Configure remotely using available Internet protocols, including a Web browser interface.

Installation Options

Supported POS Terminals
Verifone C18, Ruby2 and Topaz XL (410)

Installation Documentation

See the following documents when installing the Verifone Commander or RubyCi.

Verifone Commander

- Verifone Commander Implementation Guide
- Verifone Commander Hardware Installation Guide

Verifone RubyCi

- Verifone RubyCi Hardware Installation Guide
- Verifone RubyCi Implementation Guide

Verifone Commander or RubyCi

- Verifone Commander Software Installation Guide
- Verifone Commander Network Configuration Guide

Fuel Hardware Peripherals Supported

Verifone advises using the "Minimum Recommended Version" as shown in these sections. Also, check with the dispenser's manufacturer if there is a newer recommended version.

Dispensers Supported

Gilbarco Dispensers		
Dispenser	**Description**	**Version**
Encore 700	Pump Control Node	2.9.42
Encore 500	Pump Control Node	1.8.30
Encore 300	Digital Valve	20.1.10
Encore 300	Digital Valve with Enhanced Security	20.2.24
Encore 300	Proportional Valve	10.1.10
Encore 300	Proportional Valve with Enhanced Security	10.2.23
MPD	Legacy	70.9.92
MPD	Modular Advantage	70.9.92
MPD-3	LCDs	54.3.10
MPD-3	SIDs	53.7
Selectable Blender	Modular Advantage	75.6.10
Notes		
Note: Gilbarco Pre-modular dispensers must be on a separate board and as such are not supported with Verifone RubyCi, as there is only one connection out for fuel.		

Dispensers Supported (Continued)

Wayne Dispensers		
Dispenser	**Description**	**Version**
Ovation	iGem	49
iX	iGem	49
Vista 3V	iGem	49
Vista 2V	Dispenser	14
Vista 1V (See first note below)	Dispenser	49
Vista	Dispenser	See second note below
SC-82	Dispenser	See second note below
Notes		
Note: For **Model V490D1/U (Vista 1V)**, the version must be 47.		
Note: The dispenser must be programmed as one of the following types: Type 1, 2, 30 or 40. Verifone Commander will not support the dispenser programmed as any other type, including Types 3 through 29.		

Dispenser Interfaces

NOTE: The Verifone Commander Forecourt Interface Box communicates directly with Wayne, Tokheim, and Gilbarco dispensers.

Dispenser/ Interface	Supported: Yes/No	Recommended Version	Notation
Tokheim			
DHC	Yes	v6.17	Supports PPU Discounting
VXDHC	Yes	v4200.03.09	Supports PPU Discounting
Dresser/Wayne			
CPU	No		Uses the Verifone Commander Forecourt Interface
PIB	No		
Fusion	No		
HyperPIB	No		
Arbitration Board	No		

Dispenser/ Interface	Supported: Yes/No	Recommended Version	Notation
Gilbarco			
Legacy PAM 1000	No		Uses the Verifone Commander Forecourt Interface
PAM 1000	No		
PAM 5000	No		
SMART Connect	No		

Dispenser Card Readers — Supported Options

Verifone advises using the "Recommended Version" shown below.

Dresser/Wayne

NOTE: See https://www.vfne.co/verifone-petro-emv-updates for Outdoor EMV Implementation Status updates.

NOTE: When connecting the Verifone Commander Ethernet cable to a DCR Serial Converter for Outdoor EMV, the wires routed from the converter to the DCR must be twisted pair.

iX Pay 2	
EMV Certification	
EMV Contact	Certified
EMV Contactless	Certified
Supported Options	**Recommended Minimum Version**
Serial	N/A (IP Only)
EMV - IP	3.1.203.500
Contactless	26100 A 02
Cash Acceptors	N/A
Graphics	3.1.203.500
Scanner	2D Zebra DS45
Debit	
Non-Debit	3.1.203.500
TDES	3.1.203.500
Notes	
Note: Cash Acceptors are not supported with EMV.	
Note: Prior to upgrade to Wayne EMV software, please check the minimum version with Wayne.	
Note: Master Session is supported in Canada only, not in the United States.	
Note: DSM, Secure CAT, SDES, and Master Session are not supported.	

Dresser/Wayne (continued)

iX Pay 1		
EMV Certification		
EMV Contact		Certified
EMV Contactless		Certified
Supported Options		**Recommended Minimum Version**
Serial		2.8.102.80
EMV - IP > **NFC Mode**	EMV Contactless or MSD Contactless	2.8.203.9
	Contactless Disabled	2.8.105.109
Contactless Reader		26100 A 02
Cash Acceptors		2.5.15.0
Graphics		2.5.15.0
Scanner		2.5.15.0
Debit		
Non-Debit		2.5.15.0
TDES		2.5.15.0
Notes		
Note: Jade board is recommended for outdoor EMV. Red board can be used if non-media site.		
Note: Cash Acceptors are not supported with EMV.		
Note: Prior to upgrade to Wayne EMV software, please check the minimum version with Wayne.		
Note: DSM, Secure CAT, SDES, and Master Session are not supported.		

Dresser/Wayne (continued)

Dresser/Wayne: Anthem	
EMV Certification	
EMV Contact	Certified
EMV Contactless	Certified
Supported Options	**Recommended Minimum Version**
EMV	3.1.203.500
ANTX	1.15.2.xx
Notes	
Note: Cash Acceptors are not supported with EMV.	
Note: Prior to upgrade to Wayne EMV software, please check the minimum version with Wayne.	

Dresser/Wayne: iX — Blue Board	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	1.3.8.0
Graphics	1.3.8.0
Scanner	1.3.8.0
Debit	
Non-Debit	1.3.8.0
TDES	1.3.8.0
Notes	
Note: DSM, Secure CAT, SDES, and Master Session are not supported.	

Dresser/Wayne (continued)

Dresser/Wayne: Ovation and Ovation 2 with qCAT	
Supported Options	**Recommended Minimum Version**
Graphics	206.00
Scanner	206.00
Debit	
Non-Debit	206.00
SDES (DUKPT)	206.00
Notes	
Note: Cash Acceptors, DSM, Secure CAT, TDES, and Master Session are not supported.	

Dresser/Wayne: Vista3V	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	103.00
Graphics	103.00
Scanner	103.00
BCB	5.1
Debit	
Non-Debit	103.00
SDES (DUKPT)	103.00
Notes	
Note: DSM, Secure CAT, TDES, and Master Session are not supported.	

Dresser/Wayne (continued)

Dresser/Wayne: Dual CAT	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	103.00
Graphics	103.00
Scanner	103.00
BCB	5.1
Debit	
Non-Debit	103.00
SDES (DUKPT)	103.00
Notes	
Note: DSM, Secure CAT, TDES, and Master Session are not supported.	

Dresser/Wayne: Legacy CAT	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	64.00
Graphics	64.00
Scanner	64.00
Secure CAT	2.01
Debit	
Non-debit (not enhanced)	58.00
SDES (DUKPT)	64.00
Notes	
Note: DSM, TDES, and Master Session are not supported.	

Gilbarco

NOTE: See https://www.vfne.co/verifone-petro-emv-updates for Outdoor EMV Implementation Status updates.

NOTE: When connecting the Verifone Commander Ethernet cable to a DCR Serial Converter for Outdoor EMV, the wires routed from the converter to the DCR must be twisted pair.

Gilbarco FlexPay IV (M7)	
EMV Certification	
EMV Contact	Certified
EMV Contactless	Certified
Supported Options	**Recommended Minimum UPM Bundle**
EMV (PCI DSS 5.0)	52.12.45
EMV (PCI DSS 4.0)	42.11.47
Graphics	42.05.11 - P609
Applause (Graphics)	42.05.11 - P609
Cash Acceptors	42.05.11 - P609
Scanner	
Contactless (RFID) with UX 400	42.05.11 - P609
Debit	
Non-Debit	42.05.11 - P609
TDES	42.05.11 - P609
Notes	
Note: Cash Acceptors are not supported with EMV.	
Note: GSM, SDES, and Master Session are not supported.	

Gilbarco (continued)

FlexPay II	
EMV Certification	
EMV Contact	Certified
EMV Contactless	Certified
Supported Options	**Recommended Minimum Version**
EMV	3.6.06
Graphics	30.3.03
Cash Acceptors	30.3.03
Scanner	
Non-Debit	30.3.03
TDES	30.3.03
Notes	
Note: Cash Acceptors are not supported with EMV.	
Note: Contactless (RFID), GSM, SDES, and Master Session are not supported.	

Z80 Logic Board	
Supported Options	**Recommended Minimum Version**
Debit	
Non-debit	50.2.4
Notes	
Note: Cash Acceptors, GSM, Graphics, Scanner, Contactless (RFID), SDES, TDES, and Master Session are not supported.	

Gilbarco (continued)

Encrypting PIN Pad (EPP) with Advanced GSM	
Supported Options	**Recommended Minimum Version**
Advanced GSM	See CRIND versions below.
Graphics	
Scanner	
Contactless (RFID)	
Debit	
SDES (DUKPT)	See CRIND versions below.
TDES	
CRINDs	
Advantage	62.6.10
Encore 300	62.6.10
Encore 500	3.1.50
Eclipse	3.1.50
Notes	
Note: An Advanced GSM is not required if EPP is injected with the correct debit key. However, it can be used until the EPPs are injected with the correct debit key.	
Note: Master Session and Cash Acceptors are not supported.	
Note: Please contact your Gilbarco servicer for the correct setup of the EPP and the mapping of the keypad.	

Gilbarco (Continued)

Advantage CRIND (Z180 Logic Board)	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	60.9.40
GSM	
Graphics: Monochrome	60.9.40
Graphics: InfoScreen	60.9.40
Scanner	60.9.40
Contactless (RFID)	60.9.40
Debit	
Non-debit	60.9.40
SDES (DUKPT)	60.9.40
Notes	
Note: InfoScreen graphics are supported only in single-line mode.	
Note: Version 60.7.30 is **NOT** supported for any mode.	
Note: TDES and Master Session are not supported.	

Gilbarco (continued)

Encore 300	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	60.9.40
GSM	
Graphics: Monochrome	60.9.40
Graphics: InfoScreen	60.9.40
Scanner	60.9.40
Contactless (RFID)	60.9.40
Debit	
Non-debit	60.9.40
SDES (DUKPT)	60.9.40
Notes	
Note: InfoScreen graphics are supported only in single-line mode.	
Note: Version 60.7.30 is **NOT** supported for any mode.	
Note: TDES and Master Session are not supported.	

Encore 500/Eclipse	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	
GSM	
Graphics: Monochrome	
Debit	
Non-debit	
SDES (DUKPT)	
Notes	
Note: Contactless (RFID), TDES and M/S are not supported.	

Tokheim

Premier B	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	N/A
TED	v300 or v400
Debit	
Non-debit (4-line display)	JP02.18.00
Debit TDS Plus (4-line display) SDES (DUKPT)	MT0301.00
Debit TED (4-line display) SDES (DUKPT)	MTQD02.00
Insight Graphics Non-debit	MTPQ06.03
Insight Graphics SDES (DUKPT)	MTPQ06.03
Notes	
Note: Scanner, TDES, Debit TED (4-line display) Master Session, Debit TDS Plus (4-line display) and Master Session are not supported.	

Tokheim (continued)

Premier C	
Supported Options	**Recommended Minimum Version**
Cash Acceptors	N/A
TED	v300 or v400
Debit	
Non-debit (4-line display)	JP02.18.00
Debit TED (4-line display) SDES (DUKPT)	MTQD02.00
Insight Graphics Non-debit	MTPQ06.03
Insight Graphics SDES (DUKPT)	MTPQ06.03
Notes	
Note: Scanner, TDES, and Debit TED (4-line display) Master Session are not supported.	

Partner and Hardware Options Supported

Backup Power Supply (UPS)	
UPS, Conditioned, 250VA **Note:** *One per POS terminal and one for the Verifone Commander.*	VFI P/N P040-07-050
Car Wash	
Ryko Code-A-Wash III	Version 15554-009, Rev. E
Ryko Code-A-Wash IV	19574-006 Rev. N
Unitec POS4000	Firmware version 6.67
Unitec Carwash Select II / Enterlink Super Interface 	Version 2. Firmware version 5.43

Car Wash Paypoint	
Unitec Portal Ti (Touchscreen)	Core Version: 3.60 Sierra Version: 1.63 Version: 4.30
Unitec C-Start (Cashless)	Core Version: 3.60 Sierra Version: 1.63 Version: 1.40
Unitec Sentinel (Dual Bill Dispenser)	Core Version: 3.60 Sierra Version: 1.63 Version: 1.40

Cash Drawer	
Topaz/Ruby2	VFI P/N P050-01-200 **Note:** *Must have adapter:* *VFI P/N 22839-01 Rev 3 or Rev C.* *Do NOT use adapters marked with* *Rev 1 or Rev A. These adapters can* *be damaged if plugged into a* *powered-up POS. In addition, the* *adapter MUST ONLY be plugged* *into one of the POS CASH DWR* *ports.*
Coin Dispenser	
Transact2	VFI P/N P040-08-023
Displays	
Customer Display	VFI P/N P040-08-300
EASY ID™	
Easy ID is supported for ALL states as long as the Mag Stripe/2D codes use the AAMVA standard format. Please contact your local Department of Motor Vehicles for details about your state.	
Electronic Fuel Price Signs	
Supported with tested interface: • **Able Applied Technologies:** AAT Live Hub (AAT-LH-V1) • **DakTronic**s: DM-100 PSC (0A-1196-0133) • **FutureMedia Displays Inc.**: PriceVision LED Model FMD9-GSX. • **Guru Digital Media**: Guru Price Sign. • **WatchFire**: Price Watcher Sign. Supported: • **Everbrite** • **Skyline** • **NOVYC Electronics Inc.** • **PWM** **Note:** *Contact manufacturer for details.*	The Price Sign Controller *(PSC)* and an RS-232 connector is supplied by the sign manufacturer.

Laser Scanners (POS Ready)	
Use the following URL to access a list of laser scanners that have been approved by Verifone. See https://www.verifone.com/en/us/petro-partners-program.	
Money Order	
MoneyGram: Delta Network Terminal 780T Version 3.5	P/N 11-0021-001
	Printer model: 1600
	VFI cable: VFI P/N 55296-03
Western Union Money Order Dispenser System: Version 3.5	P/N FDX-400 (Version 7534 and above)
	Adaptor: DB-9M to RJ-45 (VFI P/N 13641-01) Requires an RS-232 cable (P/N 13836-XX)
	Interface: FIP11 Interface Module (P/N 010064-02)
Western Union Money Order Dispenser System: ICE6000 Terminal (Ethernet)	Requires an Ethernet cable.
Western Union Money Order Dispenser System: TAIO Terminal (Ethernet)	Requires an Ethernet cable. **Config. Version**: 6114 and 6120
PIN pads	
MX 915, MX 925 Multimedia	See the Sales Representative for part numbers.
Note: *For debit, PINpads must be injected with the appropriate key for the application.*	

Printers (Point of Sale)	
Topaz XL, Ruby2	Verifone Thermal **receipt only** printer (May be used to replace EPSON TM-T88) VFI P/N P040-02-020 Paper Width: 79.5 mm ±.5 mm (3.15 ±.02") EPSON P/N (Paper) NTP080-80
	EPSON TM-T88III Thermal **receipt only** printer VFI P/N P040-02-008 Paper Width: 79.5 mm ±.5 mm (3.15 ±.02") EPSON P/N (Paper) NTP080-80
	Note: *For installation information and DIP switch settings, refer to the "VASC Field Service Bulletin No. 0706.001".*
Secondary Network	
Use the following URL to access a list of Secondary Networks that have been approved by Verifone. See www.verifone.com > Company > partners for more information.	

Tank Level Sensor	
EBW: Auto/Stik	Firmware version AMOCO4
	Requires an RS-232 cable (P/N 13836-XX)
	Requires an adapter DB-9M, standard (black) (VFI P/N 13641-01)
Emco: EECO System 1500	Firmware version 023E
	Requires an RS-232 cable (VFI P/N 13836-XX)
	Requires an adapter DB-9F, null modem (red) (VFI P/N 13638)
Emco: EECO System 2000	Firmware version 004L
	Requires an RS-232 cable (VFI P/N 13836-XX)
	Requires an adapter DB-9F, null modem (red) (VFI P/N 13638)
Emco: EECO System 3000	Firmware version 005I
	Requires an RS-232 cable (VFI P/N 13836-XX)
	Requires an adapter DB-9F, null modem (red) (VFI P/N 13638)
Veeder Root: TLS 250	Requires an RS-232 cable (VFI P/N 13836-XX)
	Requires an adapter DB-25M, null modem (red) (VFI P/N 13581-01)
Veeder Root: TLS 350	Requires an RS-232 cable (VFI P/N 13836-XX)
	Requires an adapter DB-25M, null modem (red) (VFI P/N 13581-01)

Additional Information

Weights and Measures

Support for cash and credit pricing at the dispenser requires explicit cash and credit selections on the dispenser. This is in compliance with the *Weights and Measures Guidelines for Selectable Unit Price Capability*, section G-S.5.1.

Notice: This software supports a POP Discount feature, which allows a point-of-purchase discount on fuel based on the purchase meeting certain pre-defined transaction criteria. It is possible that the Weights and Measures department in your state may consider this POP Discount feature, when used in a post-pay scenario, to be in violation of state regulations.
YOUR IMPLEMENTATION OF THE POP DISCOUNT FEATURE IS DONE AT YOUR OWN RISK. VERIFONE EXPRESSLY DISCLAIMS ANY LIABILITY FOR CLAIMS, FINES OR DAMAGES RESULTING FROM IMPLEMENTATION OF THE POP DISCOUNT FEATURE IN A LOCALE WHERE IT IS DEEMED A VIOLATION OF LOCAL OR STATE REGULATIONS. YOU SHOULD CONSULT YOUR LOCAL WEIGHTS AND MEASURES ENFORCEMENT GROUP BEFORE IMPLEMENTING THE POP DISCOUNT FEATURE.