



iVend Retail



Release Notes

Version: 6.5 Update 5

September 2017

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Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.
Example text	Emphasized words or phrases in body text, titles of graphics and tables.
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.

iVend Retail 6.5 Update 5 – September 2017

Price Check Feature

This feature will allow the user to quickly check the price of a product by scanning the product on the Point of Sale application. The system will display the scanned product details along with the price and discount information.

Fiscal Receipt Customization and Extensibility

Up till the current release, the formats of the fiscal receipt could not be customized by the user. Update 5 will have a feature which will allow the user to integrate new fiscal printers and also allow users to change the receipt formats of the existing fiscal printer integration available through iVend.

Transaction Register

This functionality will allow users to view the POS transaction details from iVend Management Console. Users will be able to search for transactions using the provided search criteria or by using canned SQL queries. This functionality will also enable the user to navigate to the target document for the transaction that is being viewed. Users will also be able to print the transaction details in A4 format.

Creating Stock transfer request using iVend handheld

With Update 5, users will be able to generate stock transfer requests using the iVend handheld module.

Transaction Approval

This functionality will allow the Enterprise / Store managers to approve POS transactions in an offline mode in case the store manager is not available on the sales floor. Based on the setup, transactions with manual price / discount override can be submitted for offline approval. Such transactions will remain in suspended mode unless they are approved by the manager. A notification will also be sent to the manager for such approvals. After the transaction has been approved, an approval notification will be send back to the cashier / team. The cashier can then re-call the approved transaction and complete the same.

Dynamic Bill of Materials

This functionality will allow the cashier to sell Template Bill of Materials where component item quantities are not fixed and are decided by the customer at the time of sale. The cashier will be able to update the component item quantities while selling such Dynamic BOM items. For Example – when selling a mix of chocolates.

Stock Reservation for Special Orders

This functionality in Update 5 will allow reservation of Item quantities against Sales Orders. The casher will have the option to reserve item quantities against Sales Orders thus ensuring stock availability for Order Fulfilment.

Maintenance Module

Maintenance module will help the iVend Administrator in performing following activities:

- **Hotfix Distribution:** The Administrator will be able to deploy Hotfixes on the Server and will be able to distribute / apply the Hotfix to the respective store components.
- **Query Scheduling:** Maintenance Queries can be created and Scheduled as Db Patch
- **System Health Monitoring:** System health can be monitored using this utility.

Theft protection KPI

The following enhancements are available in theft protection KPI's:

1. iVend would alert a user when a paper roll in the printer is nearing end. The notification will be sent to both cashier and store users.
2. iVend will check the printer open status before the taking the payment.
3. Based on the retail profile setting, system would ensure that cash drawer is closed before the cashier proceeds to the payment section.
4. Based on the settings, system would not allow to add items in the transaction unless the cash drawer is closed after the previous transaction.

Support for SAP B1 – Stock Transfer Request Integration with iVend

With iVend Retail 6.5 update5, it is possible to integrate SAP Business One Stock Transfer Request with iVend. In the Stock Transfer Request screen, a new setting (**For Store**) has been provided which enables the SAP B1 user to create a Stock Transfer Request for the iVend Store and then iVend user can send the Stock Transfer Shipment based on the Stock Transfer Request.

iVend - SAP Business One Integration

From iVend Retail 6.5 update5, the integration of following listed objects are manual in SAP Business One HANA environment. A new "Sync" button is provided on these screens and user has to click on Sync button to enable the integration for these objects. History must be enabled in SAP Business One to integrate the Serial and Batch Information.

1. Exchange Rates
2. Copy Discounts
3. Serial Number Management – Update
4. Batch Number Management - Update

Enhancements

Enhanced Customer Facing Display

Customer facing display is enhanced to include the following sections and screen. The functionality is divided in four parts:

1. Idle Screen
2. Transaction Information
3. Customer formation Capture
4. Feedback

Each of these sections can be designed / configured by the store user. The video, images and flash files can be placed on the idle screen while answers for feedbacks can be in form of text or images. This functionality will also allow customer to fill in their own registration details.

Replication Engine Enhancement

Currently all the inventory updates of a warehouse are sent across the enterprise landscape. This increases the load on the replication engine. To ease out this load, an enhancement is done so that the inventory updates of a warehouse is sent only to the other warehouses belonging to the same

inventory store group. This will also result in more space availability for the transaction data storage at a store level.

Limit the Quantity on Transaction

A check has been implemented in system where user can restrict a sale of an item to a particular quantity in a transaction.

Search with mobile phone & email at the intelligent search area

Customer on a transaction can now be changed by searching the customers by Name, Tax Number, Electronic Id, Phone Number and by Email Id.

Inventory Counts made Simpler

The process has been streamlined so that the user can create inventory count in a single step. Also functionality for deleting a product from the count is now provided.

License Control

License control screen is enhanced to show the usage details of the iVend Licensing components.

POS Transaction Enhancements

In iVend Retail 6.5 Update 5, the following enhancements are incorporated in Point of Sale Transactions:

- Set maximum number of times a promotion can be applied within a transaction
- Set maximum discount levels for a product
- Restrict sale of an item on a Zero Price.
- Apart from Transaction Completion Time, Transaction start time is also captured. This can be viewed using a report provided in iVend Management Console.

Stock Transfer Shipment

Much like purchase order in iVend, user will now be able to specify the surcharges for a stock transfer shipment. This will help in calculating the landed cost of goods received through a stock transfer. This feature will only be available for iVend unplugged.

Multiple Receipt Formats

With Update 5, user is able to select different reports for A4 printing. This will extend flexibility to the user to select different report format based on the print profile. This functionality is also extended to other receipt formats that are printed from iVend POS.

Alert Notification

Apart from sending the In-App notifications, user can also be alerted through SMS and Email. Email templates are also enhanced to include more key words to provide greater flexibility.

Reprinting

A count is maintained by the system whenever a receipt is re-printed. System also captures the other details like user, time and terminal details from where the receipt is reprinting.

Loyalty Enhancements

iVend Retail 6.5 Update 5 incorporates following enhancement in loyalty:

- Points redemption in multiples of x

- Ability to define a default Loyalty Program in the Loyalty Program Master. This Default Loyalty Program gets defaulted on the Customer Level when a customer is added in iVend.

iVend Mobile POS

iVend Retail 6.5 Update 5 incorporates API enhancements for compatibility with iVend Mobile POS version 3.0.



iVend Mobile POS version 3.0 is not compatible with previous releases / versions of iVend Retail.

Following enhancements have been incorporated in iVend Mobile POS version 3.0:

New GUI

In iVend Mobile 3.0, the mobile POS GUI has been re-designed, making it more user friendly and responsive.

User Profile Menu

In iVend Mobile 3.0, the new user profile menu is available that displays user information and allow user to view the dashboard, perform the transaction search, settings, synchronization and End of the day from the single screen.

Smart Scan Area on Transaction screen

With iVend Mobile 3.0, it is possible to perform the search on the transaction screen.

Add, update and Search customer data from the Transaction Screen

With iVend Mobile 3.0, it is possible to add, update and search the customer data from the transaction screen.

Button Panel View Enhancement

In iVend Mobile 3.0, the product image will be available on buttons panel.

This will assist the user in easy identification of product and reduce error in product selection.

Catalog View Enhancement

In iVend Mobile 3.0, Carousel view is implemented on catalog view. This enhanced the catalog view look and feel.

CAYAN Payment Processor Integration

iVend Mobile POS 3.0 support the integration with CAYAN Payment Processor.

Android 8.0 Oreo Support

iVend Mobile POS 3.0 is compatible with Android 8.0 Oreo operating system

New Dashboard

In iVend Mobile POS 3.0, the following new dashboards are available:

- **Net Sales:** This dashboard displays the Net Sales, Total Refund and Total Sales data in Mobile POS. User can filter the dashboard data by – Month, Week and Today.
- **Net Sales by Product Group:** This dashboard displays the net sales by product group. The data in the dashboard is available in percentage and in value.

- **Net Quantity Sold:** This dashboard displays the net quantity sold. User can filter the dashboard data by – Month, Week and Today.
- **Top Selling Products:** This dashboard displays the top selling product. User can filter the dashboard data by – Month, Week and Today.

Issues Fixed in iVend

Issue: iVend add-on screens Authorization issue.

Description: Few of the iVend add-on screens are missing in the SAP Business One Authorization Window. This has been fixed in this release.

Issue: Inventory mismatch

Description: If the A/P Credit Memo is created based on a Goods Receipt PO created from iVend then inventory update does not sync with iVend.

Issue: Inventory mismatch

Description: If a Goods issue is created in SAP Business One then the inventory update does not sync with iVend. This is the case when a Goods issue is duplicated from a Goods Issue created from iVend.

Issue: Serial Number does not found in iVend.

Description: The integration gets stuck if the name of the serial number is changed in SAP Business One.

Issue: Error in updating Purchase Order in SAP Business One

Description: - If the purchase order is created in foreign currency and the unit price is not defined at the line level then while updating the purchase order, an error message is displayed as 'Document Currency does not match with line currency'.

Issue: Error while cancelling the Stock Transfer in SAP Business One with HANA.

Description: If a stock transfer is cancelled in SAP Business One then it gives the error.

Issue: Tax Code at the Shipping address does not integrate with iVend

Description: Along with the integration of other Ship To address fields of the Business Partner, user can now integrate the Tax Code with iVend.

iVend Retail 6.5 Update 4 – March 2017

Management Console Document Printing

This feature facilitates the user to define settings for printing various documents that are generated when a business transaction is done from iVend Management console. The feature is extremely powerful when separate print formats for the same document are required. This can also be used in case of multiple subsidiary where each subsidiary has a separate document format for the transaction done on Management Console. The report formats and default printers can be setup store wise based on the selected user or security roles.

Self-Banking at POS

iVend introduces the functionality of Self Banking to support multiple cashier to work on the same POS. This functionality will allow more than one user to work on a single POS while maintaining the

account of their own transactions. So far if the multiple users had to work on the same POS they were made to work as a team. With the introduction of the Self Banking functionality each cashier can maintain their own till while working on the same POS terminal. To use this functionality, the setting “Login per Sale” must be turned ON from the Retail Profile.

iVend - SAP Business One Integration Extensibility

iVend Extensibility Framework is now extended to allow users to customize integration between SAP Business One and iVend.

Integration Extensibility will allow users to post additional information to SAP Business One when integrating records from iVend to SAP Business One. Users can post additional document(s) or modify the document information while processing the integration to SAP Business One. Users can also integrate additional objects / properties from SAP Business One to iVend.

This opens a new set of opportunities for partners / customers enabling them to create integration extensibility add-ons.

Enhancements

iVend Management Console

- Customer records can now also be searched using the contact’s email address attached to the customer. This facilitates user to search for the customer on the customer’s email or contact’s email associated with the customer.
- Much like POS Idle setting user can now set the Management Console Idle Setting. This would ensure that the Management Console goes into Idle mode after the duration of inactivity specified in the settings.
- Price List can now be updated from Management console even for the cases where iVend is integrated with an ERP. This would allow users to do price updates in case of urgent situations. This functionality can be further controlled through user rights.
- While deleting the store, now user has an option to also mark the associated warehouse as deleted. This functionality is available for iVend Unplugged users. In case the associated warehouse has inventory then the user is prompted for the same.
- To help user in setting the search criteria, the lookups are now provided on the product and product group fields.

Inventory Transactions

- Negative inventory setting can now be set per warehouse. This setting on the warehouse is inherited from the setting available on the Enterprise card and can be changed while defining a warehouse in the system. This functionality is only available for iVend Unplugged.
- Much like the other inventory transactions now the Goods Return document can also be created by importing a text file in a pre-defined format.

- Replenishment planning, Forecasting and Costing (Standard Cost) are now available for the customers using iVend integrated with an ERP system. Till the last release this functionality was available only to the iVend Unplugged customers.
- Users would now be able to select the date while merging more than one stock counting document. The setting for this is provided on the Enterprise card. Based on the setting, system will automatically determine the date of the stock counting in case the stock counting documents are being merged. Apart from this the stock counting id can be reused in the counting in case the earlier stock counting document status is close.

Locations

Functionality of default locations for Sale, Returns and Fulfillment is now extended to the POS master. This will allow user to set a specific selling or return location per POS. In case the default location for the POS is not selected then system would pick the default locations defined on the associated warehouse master. This functionality can be used from the POS which maintains their own inventory.

Promotions/ Bonus-Buys

- Promotions / Bonus Buys can now be created for birthday and anniversary of the customer. The same is also applicable for the loyalty customers. A promotion filter can be set so that the promotion gets applied only if the customer's birthday or anniversary is falling in a specified period range. Apart from this the promotion can also be configured so that it is applied only once for the selected customer.
- Functionality to import/export the bonus buys in the system is also incorporated. This allows user to easily manage the promotion setups in excel file and then import the same into the system.
- Promotions /Bonus Buys which are no longer needed can be deleted from iVend. This will help in managing a smaller list of active promotions.

Gift Card/ Gift Certificates

Printing of Gift Cards/Gift certificates can now be configured in the system. This allows the user to select the type of gift certificate that is to be printed along with the transaction receipt. The setting for printing the Gift Certificate is provided on the gift certificate card.

A separate setting for re-printing of the gift certificate on the partial redemption is also provided. This will come handy in case the customers are re-issued a gift certificate for the balance amount in case the partial redemption of gift certificate is done.

iVend POS

- Users who can unlock the POS can now be set from the Employee card. This is useful in cases where a cashier has locked the POS and has gone away thus blocking the POS to be used by another cashier.
- In case of offline POS, system will now sync data between server and POS while POS is being shut down. This will ensure while the POS is shut down, the POS transaction data is synced with the server. The offline POS will now sync the data on startup and shut down of the POS application. Apart from this, user can now see the count of the records that are pending for synchronization by opening user menu and then clicking the "Offline Sync Monitor" button.

- Users will now be able to setup a separate receipt format for the suspended transaction. This will ensure that the users can have a more control of the receipt format that is required for the printing of the suspended transactions.
- A new setting is provided in the Retail Profile to set the default view to Inventory / Product Information on the Matrix Search View.
- In case the full payment for the Sales Order is taken, the user is also prompted for delivery. Selecting this option user can add the balance payment and the delivery items together in a same transaction using a single function. This functionality is similar to the auto delivery functionality available for the Layaways at the POS.
- Customer display can now be configured to show the Product images of the product while the product is added to the transaction. This feature can be turned ON from the retail profile settings.

POS Designer

New events are made available for the POS Designer.

- Custom Payment Type: User can now define a button from the custom payment type. Using this user would be able to collect the payment from the custom payment type.
- Till Close and Finalize Event: User can now define a button for this event. Clicking this button on POS would Remove, Close and Finalize the till attached to POS.
- Find Item in Transaction: Using this event user can open the small search box for searching the item within the transaction. In case the search box is already open, clicking on the button would close the search.

Hardware Integration

- POS now supports 2 barcode scanners which would allow user to setup a wireless and table top scanners attached to a same POS. This functionality will enable the user in scanning heavy items using the wireless scanner without the need to scan them on the table top scanners.
- In case iVend POS is not able to resolve the scanned barcode, users will now hear a long beep instead of a regular beep. This will help users to easily identify that the scanned barcode is not resolved in the system.

Reporting Enhancements

- Loyalty reports now have an ability to show all transactions for a loyalty customer regardless of points being awarded or not on the transaction.
- End of Day, Till Closing and Time Clock reports are moved under Tender and Till Management Reporting Group.
- Instead of multiple checkboxes, the Drop Down List are now provided for the ease of understanding. For e.g. Top items sales can now be generated based on either Quantity or Price.

iVend APIs

1. Stock transfer request for the Stores can now be posted in iVend.
2. Goods receipt against the stock transfer can now be posted into iVend.

3. Additional information captured in payments is now available through APIs.
4. Location Information is made available in Transaction APIs.
5. Transaction items comments can now be retrieved using APIs.

iVend Loyalty

Loyalty Passes can now be sent to specific customers.

Customer Portal

With this release, all Loyalty customer transactions are viewable from the Customer Portal. The transaction receipt can also be viewed from the Customer Portal.

iVend Handheld

In case of a bad scan on iVend Handheld terminal, the system will make a beep sound apart from showing a message to the user. This will help user in identifying that the system was not able to resolve the scanned barcode.

Apart from regular user id and password users can now login in iVend Handheld terminal by scanning the barcode which contains the electronic id of the user. Electronic Id for the user is setup from the security user master.

iVend Extensibility

User defined field support is now extended to Stock Transfer Location and Merchandise Hierarchy. For more details, please refer to the iVend Extensibility guide.

iVend - SAP Business One Integration

iVend - SAP Business One Integration support for the SAP Business One is extended to include the support for Turkey Localization.

Issues Fixed

Issue:

Description: Voids report does not generate data if the reason code is not selected while generating the report.

Issue

Description: Setting format of some number values in receipt doesn't work, i.e. you can use NO on Salesitems.quantity but not in GC section, this also applies to dates (i.e. to remove time)

Issue

Description: When logged in a commingled (Not an on premise store), user can see all the stock counting document that were created for other stores also.

Issue

Description: In case iVend Add-On is taking more time to complete the operation than defined in the Auto Close time of retail profile, the complete sale view doesn't always close the view.

Issue:**Description:**

Add-On does not start when user Login in POS using the Electronic Id rather than using the user id and password.

Issue:

Description: When starting a stock count with the same name as one that already exists the stock count is merged, regardless of the warehouse the original was created for and the current warehouse.

Issue:

Description: Quantity shouldn't appear on the quick buttons if the item is a non-stock item.

Issue: 28227

Description: When an IF and Else condition exists in receipt designer then deleting or adding rows means these conditions don't move. This makes these to appear on the wrong row and therefore user have to first remove the conditions and then add them again.

Issue: 28226

Description: It is observed that in few cases while adding an IF Else section to receipt designer the receipt design is getting corrupted.

Issue: 27683

Description: In case the negative inventory is turned OFF, system should not show the upsell products which does not have stock in the warehouse. A setting is created for the same in the retail profile under the General section.

Issue: 27015

Description: In case the negative inventory is turned OFF, system should not show the optional promotion items when showing the promotion prompt to the user. A setting is created for the same in the retail profile under the General section.

Issue: 22899

Description: Products in fractions - In case the default quantity is 0 and the available quantity of the product is less than 1, the available quantity should be selected on the transaction instead of showing the negative inventory view.

Issue:

Description: User is not able to import the Stock Transfer Shipment by specifying the batch numbers in the import file. This requires user to select the batch information manually after the import is complete.

Issue: 28374

Description: User is able to cancel the Goods Receipt document even if the same is returned to vendor. Cancelling of Goods Receipt document is available in case the ERP is set as "Other with ERP" in the Enterprise Settings.

Issue:

Description: iVend POS is not working in an Offline mode on 32-bit OS.

iVend Retail 6.5 Update 3 – November 2016

 You must use the iVend Retail Installer while upgrading from iVend Retail version 6.4.X or prior release to iVend Retail version 6.5.X.

 You must use the iVend Retail Installer to upgrade the iVend Retail version 6.5.x Offline POS installations.

iVend Mobile POS

iVend Retail 6.5 Update 3 incorporates API enhancements for compatibility with iVend Mobile POS version 2.6.

 iVend Mobile POS version 2.6 is not compatible with previous releases / versions of iVend Retail.

Following enhancements have been incorporated in iVend Mobile POS version 2.6:

Data Synchronization Enhancement

Over the Air initialization and subsequent Data Synchronization speeds have been enhanced substantially. Users should experience 5-10 times faster data synchronization speeds as compared to the previous releases of iVend Mobile POS.

Uninterrupted data synchronization for iOS devices

With this Mobile POS release the IOS devices will not turn off during Over the Air initialization or Data Synchronization processing.

End of Day from MPOS

It is now possible to perform the End of Day operation from iVend Mobile POS.

 End of Day from Mobile POS can only be done if a store has one Mobile POS configured for it.

Effective Date for Store Price List

iVend Mobile POS now supports “Effective date for store price list” feature available in iVend Retail. Based on the effective date, system would determine the correct price list and would use the price from that price list.

Enhancement in Loyalty Module

The following loyalty enhancement are now supported by iVend Mobile POS:

- **Do not award points on loyalty redemption**
This setting does not allocate any loyalty points to a transaction for which the payment is done using loyalty tender (partially or fully).
- **Award points after excluding tax amount**
This setting excludes tax amounts while awarding the loyalty points/currency to the loyalty customer.
- **Available Redeemable Currency**
A new field is added “Available Redeemable Currency” under Loyalty Points Information section on customer master.
- **Enable Loyalty Notification**

A new setting "Enable Loyalty Notification" is added on loyalty customer master. Enabling this feature sends loyalty notifications to the customer. If the value is "false" then loyalty application does not send any notification to the customer.

Advance Payment Prompt on Special Order Transaction

While performing a Special Order transaction from Mobile POS, on clicking the Total field will display a prompt to the user to enter the Advice Amount against the Sales Order.

International character settings for mPOP device setup

A new setting is added on mPOP device setup where user can select the localization. Based on the localization selection, mPOP printer prints the currency symbol on receipts.

Customer Contact Enhancement

Following new fields are added on Contact Person screen:

- Date of Birth
- Country of Birth
- City of Birth
- Gender
- Profession

Customer Master Enhancement

Credit Limit and Customer Balance fields have been added to the Customer Master in Mobile POS. These fields are updated on synchronization with the iVend Server.

Allow Zero Price for Open Price Items

Just like iVend Terminal POS, iVend Mobile POS 2.6 also allows users to enter a zero value in price field on transaction for an open priced item.

Infinea Tab® M Integration

Mobile POS now supports integration to Infinea Tab M with following devices:

- Infinea Tab® M support for iPhone 6 Plus
- Infinea Tab® M support for iPad Air 2

Issues Fixed

ID: 27773

Description: Updating the System Display Settings from Enterprise does not change the display settings at store. It is found that the replication of these setting was missing due to which the settings were not affected on the store.

ID: 27785

Description: It is observed in iVend 6.5 Update 2 that after doing a product search or completing the transaction the mouse cursor does not return back to the scan area due to which the users using the scanner in HID mode was facing an issue.

ID: 27898

Description: It is observed in iVend 6.5 Update 1 onwards the completion of transaction was taking slightly longer in cases where the batch items are being used. This has been resolved now in iVend 6.5 Update 3.

ID: 27913

Description: Price from the Retail Price List was not printing correctly on the item labels in iVend 6.5 Update 2. Retail price list is the price list which can be defined for a retail store in addition to the Sales Price List. The purpose of Retail Price List is to show the regular price for a product on the item labels. The same was also found when an excel file is uploaded for generating the item labels from iVend.

ID: 27942

Description: In iVend 6.5 Update 2, on scanning the loyalty customer card the information of the loyalty customer was not getting updated in the customer information section.

ID: 27920

Description: Scanning of item on POS has been observed to be slow in iVend 6.5 Update 2. This is now optimized so that the item is added quickly in the transaction.

ID: 27923

Description: The gift certificate sync between the offline POS is not working as desired. This has been fixed in iVend 6.5 Update 3.

ID: 27924

Description: In case the field Business Partner is made mandatory on the stock transfer then while receiving the stock transfer at the store, system given an error that the Business Partner is a mandatory field.

ID: 27944

Description: Searching of the product by entering the partial barcode/UPC Code of the product search screen is not filtering the products. This was found to be working in iVend 6.4 series.

ID: 27952

Description: In case a product has base UoM other than the base UoM defined in the UoM group definition, on adding the product using the Alternate Barcode code the system does not add the item with the correct UoM in the transaction. This has been fixed in iVend 6.5 Update 3.

ID: 27919

Description: In case where login per sale is enabled, it is observed that the login using Biometric reader cease to work after few logins.

ID: 27798

Description: On upgrading to iVend 6.5 Update 2 it is observed that in case the vendor has a price list defined in foreign currency the prices picked by the system for a purchase order is not correct. However, this issue does not occur in case of new installations.

ID: 27905

Description: iVend Screen flickers and appears to hang in case iVend on-screen keyboard is used for the product search at POS. This is applicable only for the users which opens the onscreen keyboard for searching the product or customer.

ID: 27907

Description: iVend 6.5 Update 2 has a separate Database Upgrader utility which can be used in scenarios where one Server has multiple iVend databases. iVend DB Upgrader helps in selecting the databases which are to be upgraded. However, it is found that due to some missing .Net Framework files the application fails to launch. This has been fixed in iVend 6.5 Update 3.

ID: 27365

Description: The “Total Amounts” in words when printed in Spanish are not printed correctly on the transaction receipts.

ID: 27676

Description: In case a multi-company integration is setup on the server, the auto-retry setting for the company does not get saved.

iVend Retail 6.5 Update 2 – October 2016

POS Interface Designer

The POS Interface Designer module in iVend Retail will allow retailers to create terminal POS interface layouts based on their business needs and branding preferences.

iVend Retail 6.5 Update 2 will be shipped with 6 different terminal POS interface Layouts which can be customized further.

The layouts will be assigned to Point of Sale terminals from the Management Console application and it will be possible to have different layouts for different POS terminals. For example, the terminal POS layouts in the refunds & returns section of a store may be different from the other POS layouts.

The terminal POS templates, which will normally be defined in the Management Console at the Head Office will automatically get replicated to the entire retail landscape. It will still be possible to change the terminal POS templates at the store.

It will also be possible to export and import the terminal POS templates.

POS Interface Designer is limited to iVend Terminal POS only.

Receipt Designer

The Receipt Designer functionality in iVend Retail 6.5 Update 2 will allow users to create and modify receipt layouts using a graphical user interface. This will negate the need to edit the XML file for receipt layouts. The Receipt Designer will also allow the existing receipts to be edited. This will make it easier to design different formats to existing receipts like:

- Transaction Receipt
- Gift Receipt
- Coupons
- Expense Chit
- Cash In/Cash Out Receipt
- Payment Receipt
- X Tape
- Z Tape
- Day Labor Session Report
- Drawer Count Chit
- Gift Certificate Receipt
- Labor Session
- Quotation Receipt

Offline TPOS for iVend Cloud

With iVend Retail 6.5 Update 2, retailers will be able to configure and connect the terminal POS to a hosted / cloud store. This store will be configured within the hosted iVend Enterprise database instance.

In this deployment terminal POS will have its own embedded database and will be configured in an offline mode. The terminal POS will synchronize with iVend Enterprise periodically. Such a deployment will eliminate the need to have an on-premises Store Server. This will not only reduce the in-store investments in hardware and software, but will also reduce investments in database maintenance at the store.

iVend Cloud Control Center

iVend Cloud Control Centre is a Tenant Management tool for partners who host iVend in a Data Centre.

iVend Cloud Control Center helps in managing the following:

- Create and manage service units
- Create and manage tenants
- Association of users with tenants
- Activate and Manage Tenant Licenses

Product Dashboard

The Product dashboard is being revamped and will include multiple new widgets. Management Console users will be able to view the product statistics from the product screen. Following widgets will be added to the product dashboard:

- **Total Sales:**
 - Sales: This widget will display all sales data from the beginning with quantity sold.
 - Quantity: This widget displays net quantity sold which does not include the Void, and Suspend Transaction.
- **Total Sales - YTD:**
 - Sales: This widget will display all sales data from the year to date with quantity sold.
 - Quantity: This widget displays net quantity sold which does not include the Void, and Suspend Transaction.
- **Stock Cover (Weeks):** This widget displays stock availability for the number of weeks.
- **Sale and Refund – Last 12 Months:** This widget displays the sale and refund data in monthly manner with two-line graph. This widget only displays the data of month in which sales /refund are transacted.
- **Online Vs Store – Last 12 Months:** This widget displays the online and retail store data monthly manner with two-line graph. This widget only displays the data of month in which online sales /retail store sale are transacted.
- **Online Vs Store Sale:** This widget displays the e-Commerce store sale versus retail store sale in pie chart.
- **Available Stock and Value:** This widget displays the store wise total product stock and total product value.
- **Ordered & Fulfillment Qty.:** This widget displays the ordered quantity which includes open purchase order quantity and fulfillment quantity.
- **Product Category and Contribution:** This widget displays the product category and contribution where the product Category shows a group name under **ABC Group** using ABC Analysis and Contribution shows product contribution percentage using ABC Analysis.

- **Profit Margin and Percentage:** This widget displays the product profit margin value and percentage.

Customer Dashboard

The customer dashboard is being revamped and will include multiple new widgets. Management Console users will be able to view the customer statistics from the customer screen.

Following widgets will be added to the customer dashboard:

- **Total Sales:** This section displays sales refund and transaction count values.
 - Sales Refund: This widget displays all sales data from the beginning with Transaction count.
 - Transaction count: This widget includes number of transactions for Sale, Refund, Order, and Layaway. Transaction count does not include Void, and Suspend Transaction values.
- **Total Sales YTD:** This section displays sale refund and transaction count values.
 - Sales Refund: This widget will display all sales data from the year to date with transaction count.
 - Transaction Count: This widget includes number of transactions for Sale, Refund, Order, and Layaway. Transaction count does not include Void, and Suspend Transaction values.
- **Sales by Product Group:** This widget displays sales by product group in pie graph.
- **Last 10 Transactions:** This widget displays last 10 transactions in grid view which include Date, Store, Transaction No, Product Code, Description and Line Total.
- **Last Visited Store:** This widget displays the Last Transaction Store Name.
- **Customer Balance:** This Widget displays customer balances including Balance, Order Balance, Layaway balance, GC Balance, and Store Credit Balance. The GC Balance and Store Credit Balance are shown separately which include sum total of GC balance and sum total of store credit balance.
- **Sale and Refund – Last 12 Months:** This widget displays the sale and refund data month view with two-line graph. This widget displays the data only for the month in which sales /refunds are transacted.
- **Average Sale Amount:** This widget displays an average sales amount which is Total Sale Amount excluding refund/Number of sale Transaction excluding refund.
- **Loyalty Details:** This widget displays customer loyalty slab and loyalty points details. The Registration method customer code and loyalty card attached to customer code are only required.
- **Online Vs Store – Last 12 Months:** This widget displays online and retail store data with two-line graph in monthly manner. This widget displays data only for the month in which online sales /retail store actually happens.
- **Online Vs Store Sale:** This widget displays the e-commerce store sales versus Retail Store sales in pie chart.

Effective Date for Store Price List

This functionality would allow retailers to create price lists that may be applicable in stores on a future date. It will be possible to attach multiple price lists to a store and the new price list will get applied automatically to the store based on the store's business date.

This ability to attach multiple price lists to the store with different effective dates will allow retailers sufficient lead time to be ready with the appropriate labels.

Stock Transfer Request Notification - Accept and Reject (iVend Unplugged only)

iVend Retail 6.5 Update 2 will allow to accept or reject stock transfer requests received from other warehouses or stores.

When user raises a stock transfer request to another store and the “requested from” store does not have available stock, the user at the “requested from” store will be able to partially accept or reject the stock transfer request. Only accepted (or partially accepted) stock transfer requests will be considered for MRP runs.

The application will also generate notifications for acceptance or rejections of stock transfer requests.

Stock Transfer Cost for Multi Subsidiary Stock Transfer (iVend Unplugged Only)

With iVend Retail 6.5 update 2, it is possible to specify the cost at which store is receiving the merchandise from another store. When stock transfer is being received, the application will populate the current cost of the product in the price field.

The retailer will have the option to change these defaulted costs to adjust for additional costs incurred in the transfer – for example additional costs for shipment, customs, etc.

It will be possible to either adjust all the costs at the header level by specifying a Price List or individually change costs for selective items.

Globalization of Dashboard Designer

In iVend Retail 6.5 update 2, dashboard designer is globalized. All the dashboard designer toolbar options are shown in the user preferred language.

Transaction Server Search Enhancement

In iVend Retail 6.5 update 2, the application will connect with the centralized server using transaction server to check whether a refund already exists against a particular transaction or not.

In case the refundable quantities retrieved from server is less than the refundable quantities information available locally, the application will override the refundable quantities information at store with the transaction server information.

The system will handle the following three scenarios: (quantities used are for representation purposes only)

- If the refundable quantity at store is 5 whereas refundable quantity retrieved from the transaction server is 3, the cashier will be able to refund only 3 quantities.
- If the refundable quantity at store is 5 whereas refundable quantity retrieved from the transaction server is 6, the cashier will be able to refund only 5 quantities.
- In case information is not available at centralized server or is not retrieved from server then local store information will be used for refund.

End of Day from POS

In iVend Retail 6.5 update 2, it will be possible to perform the end of day operation from the iVend POS.

End of day from POS can be done only if the store has 1 POS (Mobile or Terminal POS).

Loyalty Enhancements

iVend 6.5 Update 2 incorporates following enhancement in loyalty:

1. **Do not award points on loyalty redemption:** This setting will not allocate any loyalty points to a transaction for which the payment is done using loyalty tender (partially or fully).
2. **Award points after excluding tax amount:** This setting will exclude tax amounts while awarding the loyalty points/currency to the loyalty customer.
3. **Available Redeemable Currency:** A new setting is added "Available Redeemable Currency" under Loyalty Points Information section on customer master. Enabling this setting will start displaying available redeemable currency.
4. **Enable Loyalty Notification:** A new setting "Enable Loyalty Notification" is added on loyalty customer master. Loyalty notifications will be sent to the customer based on this field. If the value is false, then loyalty application will not send any notification to this customer.

Ability to view store transactions from Enterprise

This functionality will allow iVend Enterprise users to see all the documents created by stores. User will not be allowed to edit the store document from iVend Enterprise. Feature will also provide an option to filter down the documents based on warehouse. This functionality will be available for all the documents created from iVend Management Console.

Ability to have Variable Float Amount

In addition to the fixed float amounts, users will now be able to assign a variable float to a till. This will allow the cashier to record opening amount of till by just doing a count during the till assign process at the beginning of the day. The count done by the cashier will be considered as opening amount.

Extended SQL Server Support

iVend Retail will now support following SQL Servers versions

1. SQL Server 2016
2. SQL Server 2014
3. SQL Server 2012
4. SQL Server 2008 R2 and Above

Multiple Integration Queues

iVend 6.5 Update 2 will have multiple integration queues that will enable the application to generate events for multiple applications registered within iVend. This will ensure that every registered application integrated with iVend Retail will have its own integration queue. Each application would be allowed to specify the objects for which the events are to be tracked. User will also be able to see the status of each integration queue separately.

Allow Zero Price for Open Price Items

iVend 6.5 update 2 will allow users to enter a zero value in price field at the POS for an open priced item.

Contact Person Integration enhancements

Following new fields on Contact Person sub master will be integrated to SAP Business One:

- Date of Birth
- Country of Birth
- City of Birth
- Gender
- Profession

Allow Multiple Image Formats for Product Images

iVend now supports the following image formats as product images.

1. .bmp
2. .jpg
3. .png

Management Console Information

The following information is made available on the Management Console footer

1. Store Operation Mode
2. Store Id and Name
3. Current Business Date
4. User Id and Name
5. Logged In Date and Time
6. Unread Notification Count

iVend Database Upgrader

iVend Database Upgrader can be used for upgrading multiple iVend Databases deployed / configured on a single iVend Enterprise server. The database upgrader is installed along with iVend Enterprise. User can run iVend Database Upgrader and select multiple iVend Databases to be upgraded to the latest version of iVend.

Vendor Currency Based Price List

This feature is introduced in iVend so that user can raise a purchase order to a vendor based on the vendor's preferred currency. Prices can also be maintained in the vendor's preferred currency by selecting a currency while creating a price list. This feature can also be used in case when system is enabled to support Multiple Subsidiary scenario.

Import Tool for Customer & Vendor Catalog

2 new import templates are added in the existing Import/Export functionality provided in iVend. User can now import customer and vendor catalogues using these templates. This would help user in managing the customer or vendor catalogues using excel files.

Export Configuration Package

Export configuration package helps in migrating the data for the system settings from Test / UAT systems to the production environments. User can select the settings which are required to be exported and can then import the packet in the target system.

So far, this functionality was available for iVend Unplugged and SAP Business One integrated environments. The same has been now extended to all ERP types which are integrated with iVend.

Costing Rule Changes in Inventory Counting

In iVend 6.5 Update 2 the logic for calculating the Inventory Cost while doing inventory counting is updated. User can attach a price list based on which the value of the inventory is calculated. However if the user has not selected a price list during an inventory count process, then system calculates the inventory cost based on the costing method selected for the product. Moreover user can further override the price shown on the screen.

In case iVend – SAP Business One integration is being used, system will use the current cost available in SAP Business One while integrating the Inventory Counting document. However in cases where the valuation method is set to FIFO for a product, system will first determine the last purchase price from SAP Business one and then use the same for posting the document. In case the last purchase price or average or standard cost is determined as 0 or is not found in the system then iVend inventory counting price will be used for integrating the document.

iVend NAV Changes

iVend - NAV integration is enhanced to support the delivery of the Sales Order from NAV. Earlier the functionality was supported in NAV 2016. The same has now been extended to NAV 2013 R2 Version. Apart from this if iVend e-Commerce is being used then, the shipping information is also integrated with NAV. For this the Shipping Agent code will flow from “Default Shipping Agent for In-store Pickup” field in Retail Setting.

Issues Fixed:

Issue: GRPO Date not replicated to NAV Posted Receipts

Description: - While posting the Goods Receipt against Purchase Order from iVend to NAV, the NAV system was drawing the posting date from Purchase Order. Now Receipt date will flow from iVend to NAV.

Issue: Sales Invoice Value mismatch in case of tax inclusive items.

Description: In NAV, if both the item and customer are tax inclusive then while posting the Sales Invoice from iVend to NAV the tax is calculated twice - once by iVend and second by NAV at the time of Integration.

Issue: Inventory mismatch between NAV to iVend.

Description: if Transfer Shipment and Transfer Receipt for Retail location is done in NAV and Restrict Transaction for Retail Location field is unchecked in iVend Retail Setup, then delta inventory does not get integrated from NAV to iVend.

iVend Mobile POS



Caution

iVend Mobile POS is not compatible with iVend Retail 6.5 Update 2 Release. A subsequent iVend Retail 6.5 update will be released for iVend Retail Mobile POS compatibility.

Issues Fixed

- **27441** – Item without Sales Report was taking too long to open in case the database size is about 5 GB. Report has been modified for this and now taken about 10 seconds to open.
- **27315** - While Creating Layaway with an Open Price item, system shows and error 'Missing Information Required', in case the Price is not change from original the price shown by the system.
- **27201** - When trying to import Loyalty customers using Loyalty Template, user receives an error "Object reference not set to an instance of an object."
- **27170** – When customer changes the quantity of one of the line items in the purchase order, then system is getting the updated prices for other items on PO as well. This causes the prices being overridden in case the user can changed the price on the purchase order.
- **26986** – In case the product selection screen on the item label is open multiple times (approx. 100) while selecting the items for label printing, system performance deteriorates and printing becomes slow.
- **26985** – In case a price list was imported twice and then the same products are being selected for the label printing, the system gives an error. This happens as the system was finding 2 price records for the same pricelist. This is now resolved in iVend 6.5 Update 2.
- **26721** – In case the UDTs are created in system and then a database backup is restored from iVend Enterprise to Store, the data of these UDTs were not being restored as the store which was causing an error while doing a transaction completion.
- **26430** – In few cases where a product has a UoM applied, while doing a Goods Receipt against the Stock Transfer user gets an error "*QuantityOrdered cannot have more than 5 decimals*". This was happening only in the cases where the UoM conversion was resulting in the decimal quantities.
- **25958** – In case multiple Payment Types are created in currency other that the base currency, the tender report shows multiple records for the currency denominations. This has been fixed in iVend 6.5 Update 2.
- **25932** – The totals value in the Voided Sales Report was not reflected properly. This is fixed now.
- **24815** – Under Retail Profile, option for 'Enable printing for transaction preview' is missing in iVend version 6.5.1.

- **24645** - Purchase price list assigned to a Vendor it not showing in purchase order.
- **24505** - User defined message for POS is still shown to user even after the message To Date is surpassed.

iVend Retail 6.5 Update 1– June 2016

Integration with Microsoft Dynamics NAV 2016

With iVend Retail 6.5 Update 1, we are releasing a new connector for integration to Microsoft Dynamics NAV 2016.

Business Logic, NAV Tables & Pages for iVend - NAV Integration have been implemented using extension of Events Subscriber and Publication, newly launched in NAV 2016 so that we can get benefit of reducing support and maintenance and upgrade of the NAV Objects.

iVend Retail integrates with Microsoft Dynamics NAV using iVend Retail APIs. The entire landscape is designed to utilize the best practices in Microsoft Dynamics NAV for enterprise processes and extend them via iVend Retail to the retail landscape.

The iVend - Microsoft Dynamics NAV Integration is currently supported for the following localizations:

- W1
- Australia
- United States
- United Kingdom
- Canada
- France
- Italy
- Spain
- Mexico

SAP Business One 9.2 Integration

iVend POS will now support integration with SAP Business One 9.2. This includes integration of 50 characters of product code. The integration also supports the enhancements from the Ecuador localization.

Signature Capture Enhancements

With iVend Retail v6.5 Update 1, users can capture the customer signatures based on the transaction type. A set of new settings Signature Capture is provided on the retail profile using which the user can specify the transaction types on which the signature from the customer is required.

This is further enhanced to allow capturing of Customer Signature on basis of Payment Type being used in the transaction.

Unique Identifier for POS

Often payment processor requires a unique identification for a POS for doing a payment transaction using EFT. A new field on the POS Setup is now provided which helps in unique identification of the POS. This field is passed from iVend to the Payment Processor which then helps in verifying and identification of the POS terminal.

Memory Optimization

The POS application is enhanced to use a lower memory footprint. This would ensure that the users will get an enhanced experience while working at POS.

Product Surcharge Import

A new import template is incorporated in this release. This template would allow user to manage the surcharges associated with a product. User would also be able to remove the existing surcharge associated with a product using this import template.

Reports Enhancements

iVend 6.5 Update 1 incorporates 4 new reports.

1. Daily Sales Report: Displays the consolidated sales data for the selected period store wise. The sale data is displayed with both tax and w/o tax amounts.
2. Monthly Sales Report: Display the day wise break-up of the sales data for the selected month. The sale data is displayed with both tax and w/o tax amounts.
3. Weekly Sales: Display the day wise break-up of the sales data for the selected week. The sale data is displayed with both tax and w/o tax amounts.
4. Stock Cover: The Stock Cover report generates vendor wise summarized data for selected store within a selected period. It display product inventory "In-Quantity" and "Out-Quantity" and how many week stock cover in date range.

Search of UPC code

User would now be able to search the products at POS using UPC and alternate UPC codes from the same search field provided on the product search screen.

Loyalty Customer Portal

iVend Loyalty Customer Portal is changed to further enhance the customer's experience. The speed of information rendering to the user is increased for faster operations. The customer portal is also made mobile responsive so that the customer can view the information from their mobile web browsers as well.

iVend Extensibility

Several new events are exposed in this release which will help users to further customize the applications.

Screen Events

1. Loyalty Setup
2. Loyalty Special Days
3. Loyalty Notification
4. Loyalty level
5. Loyalty plan

6. Loyalty Adjustment Journal
7. Loyalty Card Transfer

Extended User Defined Field Support

1. Kit Setup
2. Alternate Product
3. Assembly Details
4. Upsell Product
5. Expenses
6. Alternate UPC Code
7. Vendor Group
8. Currency
9. Product Category
10. Customer Catalog

POS Enhancements

1. Allow show and hiding of columns on Customer display.
2. Extensibility of Complete Sale view with Print button events exposed.
3. Extensibility of Transaction Detail View with Print button events exposed.

iVend Mobile POS Enhancements

iVend 6.5 Update 1 Support

iVend Mobile POS is now integrated with iVend Retail 6.5 Update 1. Mobile POS has full support for features like Multiple Subsidiary and Locations that was introduced in iVend 6.5. It also supports the enhancements done in color codification for the matrix and the loyalty customers. Apart from these Mobile POS also supports the functionality of Tax Free and Payment Attribute Masking. The application now also supports the latest released iVend and Microsoft Dynamics NAV integration.

Support of iOS 9

iVend Mobile POS 2.5.0 fully supports iOS 9.

Support of Android Marshmallow

iVend Mobile POS 2.5.0 fully supports Android latest release, Marshmallow.

Reports/Dashboards on Mobile POS

User can now view data related to transactions done using iVend Mobile POS. The following dashboards are provided in the system.

1. Transaction by Value: The dashboards shows the sale totals based on the transaction types.
2. Transaction by Count: The dashboard shows the number of transactions done for each type of transaction.
3. Tender Collection: Tender collection reports shows the Amount Collected based on the different Payment Types.

4. Transaction Detail: This shows all the transactions done from mobile POS.
5. Tender Detail: This report shows the Amount Collected based on the different Payment Types.
6. Z Tape Report: This shows the Z Report which shows the Tender Wise Collection along with Sales Data and their tax breakups.

Printer integration

Support for mobile printers is expanded by adding a support for Epson TM-P60II printer. This is a Bluetooth printer which can now be made to work with iVend Mobile POS.

Login Enhancements

With iVend Mobile POS 2.5.0, users can now use the finger print scanner to log in iVend Mobile POS.

Merit Card Payment Processor Integration

iVend Mobile POS 2.5.0 is integrated with EMV compliant Mobile Payment solution from MeritCard.

Store-Credit payment type integration

Using iVend Mobile POS 2.5.0, cashier can now issue a Store Credit to the customers while doing a refund transaction. The issued store credit can be used by the customer for the subsequent transactions.

Store credit can only be issued from iVend Mobile POS in an Online Mode where the Mobile POS is connected to the iVend Server.

Language Support for Mobile POS

Apart from English, iVend Mobile POS application is now available in the following languages:

- Arabic
- Dutch
- French
- German
- Italian
- Latin American Spanish
- Polish
- Simplified Chinese
- Korean
- Swedish
- Portuguese
- Spain - Spanish

Issues Fixed

ID: 22320

Description:

While selecting product on iVend POS, system displays a Location Selection Screen even when the "Allow Negative Inventory" is flagged ON and "Show Negative Inventory Resolution" screen is turned OFF in the system. Ideally the product should be added to the transaction without popping up the location selection screen in this case.

ID: 23056

Description:

This issue come in case the system is setup for "Login for Each Transaction" (setting available in Retail Profile). After a user voids the transaction and logs out of system, the other user on login in still sees the voided transaction.

ID: 23109

Description:

In case foreign currency tender is used for a payment of an earlier sale transaction left On Account, the integration shows an error "System.indexoutofrange exception: there is no row at position 0".

ID: 23121

Description:

Special Order Statement report does not display customer name in case when the middle name or the last name is not set for the customer.

ID: 23726

Description:

The database restoration from iVend Enterprise to Store gives an error in case the iVend Enterprise has User Defined Tables crated in database.

ID: 23985

Description:

This error come while creating a stock transfer shipment document in case Location functionality is enabled and Enterprise setting for "Allow Negative Inventory" is turned ON. In such cases, if an item does not have a stock available in system the user is not able to specify the location of stock transfer. Dues to this the user is not able to create a stock transfer document.

ID: 24112

Description:

In case when the batch has been sold from SAP Business One, the customer cannot refund the item from iVend POS as the sold batch information is not available in iVend. Due to this the customer cannot refund an item from iVend which is not originally purchased from iVend system.

ID: 24165

Description:

In case the iVend POS is running in an offline mode user are not able to print the A4 based transaction receipt.

ID: 24200

Description:

In case the system is upgrade from iVend 6.4, system does not recognize the alternate barcodes setup in the system.

ID: 24313

Description:

In case of stock transfer cancellation for a store to store stock transfer, the document posting in SAP Business One was failing. This error comes in cases where a goods transfer document is being cancelled from the transferee store while the goods document is marked as received on the receiving store.

iVend Retail 6.5 – March 2016

New Licensing Model

iVend Retail 6.5 incorporates a new hybrid licensing model for Management Console with support for both Device and User based licensing for an on-premises deployment. The Retailer can decide if the licenses are to be allocated to Devices or Users. A mix of Device and User Licenses can also be allocated across the landscape. Moreover, the license allocation can be interchanged at any time.

Cloud deployments will only support user based licensing.

The POS licenses are also interchangeable between terminal and mobile POS.

Multiple Subsidiaries (iVend Unplugged only)

With iVend Retail v6.5, users can define and create multiple subsidiaries. All the warehouses and stores will be defined under these subsidiaries. The head office will be able to manage and distribute master data from iVend Enterprise. Each subsidiary will have their own tax structures, item costing, customer balances, and promotions. The application will allow retailers to define replenishment plans & policies across subsidiaries from the head office. Stock movement across subsidiaries will be completed using the Stock Transfer document. Retailers will be able to define local currency, display settings and time zones for every subsidiary.

Multiple Subsidiary feature in iVend Retail will allow back office users at the Head Office to have a consolidated view of:

- Sales across subsidiaries
- Payment collection across subsidiaries
- Stock Status across subsidiaries

Offline Terminal POS

The offline terminal POS feature allows the terminal POS to function even if the connectivity between the terminal POS and the store server is interrupted. As a part of the setup, the application will give the retailer the facility to define and configure such off line POS terminals. When a Terminal POS is configured as an Offline POS, then the transactions done at the POS will be first persisted in the local database at the POS and is then synced with the Store Server. The data sync happens periodically between the store and offline POS however if required user can also sync the data manually from the option given at POS.

Locations

iVend Retail v6.5 allows user to define multiple locations for effective back office inventory management. For example, users will be able to define locations for returned items, defective items, etc. Inter-location inventory transactions within the same warehouse is possible.

Notifications

Inter-store communications is key in a retail environment. iVend Retail v6.5 allows user to setup inter-store notifications for the following back office transactions.

- Stock Transfer Request
- Stock Transfer Shipment
- Purchase Order
- Goods Receipt
- Goods Issue
- Goods Receipt PO
- Goods Return
- Coupon
- Bonus Buys
- Promotions
- Query Based Alert

As a part of the setup, the communication template for each transaction type will determine which all users will be notified when a particular transaction is initiated or completed. Notifications to users can be sent as in-app messages and / or e-mails. Administrator can also create ad-hoc query based report that can be sent to other users available in the system.

Apart from notifications being visible from the iVend Management console, users can also view the notifications on iVend POS.



User can click the notification to view the record details however this functionality is limited to iVend Management console only.

Audit Logs

This functionality allows tracking of data changes made in the application. All operations like Add, Update and Soft Deletes are logged in the application. Users will be able to track the records and values that were modified. Users can also compare the version of the record to see the information that was updated.

This feature is available across master data such as product, customer, price, item cost, etc.

Margin Protection (iVend Unplugged only)

With iVend Retail v6.5, users can set the gross profit and gross margin for a product. iVend Retail v6.5 includes margin protection feature that allows user to configure the system to block a sale transaction if an item is being sold below margin and prompt for manager override.

The prompt for manager override will only trigger in case of manual price override and manual discount.

Purchase Order Enhancements

With iVend Retail version 6.5, Purchase order has been significantly enhanced to incorporate following features:

1. **Multi-Currency Purchase Order:** it is possible to raise a purchase order in the currency defined for a vendor or in a currency specified on the Purchase Order.
2. **Multi Warehouse Purchase Order:** It is now possible to raise a centralized purchase order for multiple warehouses.

Price List Management (iVend Unplugged only)

With iVend Retail version 6.5, it is possible to create a new price list based on an existing price list defined in the system. The Price manager in the system will allow the user to create a new pricelist based on an existing one with different factors. The rounding option available in the price manager allows user to create retail friendly prices. For example, when you select rounding to .25, the end digit values will be .25 / .50 / .75 / .00.

Combining of Stock Take counts from multiple users / Zones

With iVend Retail 6.5, it is possible to combine the stock counts performed by multiple users at different locations. User can select the multiple inventory counts from the inventory counting screen and then click on the Combine button to combine the counted inventory. This will assist in cases where the multiple zone/locations are counted separately by the users and then the consolidated counting is required to be posted.

Business Transactions from Enterprise

iVend Retail 6.5 will allow users to perform business transaction from iVend enterprise even if the enterprise is not configured in the Mixed mode.

The following transactions can now be performed from iVend Enterprise:

- Goods Receipt
- Purchase Order
- Goods Receipt PO
- Stock Transfer Request
- Stock Transfer Request Received
- Stock Transfer Shipment
- Stock Transfer Receipt
- Goods Issue
- Goods Return
- Inventory Counting
- Replenishment
- Forecast Planning
- Forecast

Tax Free – TPOS

In case of Tax Inclusive pricing, a transactions line or the entire transaction can be marked as Tax free. This will reduce the item price by the tax amount applied on the product.

A customer can also be marked as Tax free. For such customer the price of an item will reduce by the tax that would have been paid by the regular customer.

Stock Transfer - Over / Under Receiving

iVend Retail 6.5 will allow users to receive over and under stock quantities for products in Stock Transfer receipt document.

In case of under receiving at store, user can short close a document row.

GRPO - Over / Under Receiving

With iVend Retail 6.5, users can receive over and under stock quantities for products in Goods Receipt PO. It is also possible to create a Goods Receipt PO with additional line items i.e. when a user creates the Goods Receipt PO based on a Purchase Order, the system will allow the user to add and receive additional line items in the Goods Receipt PO

Set Parent Product as an Alternate for its Child Items

With iVend Retail 6.5, when child items are created, system would automatically assign the parent item as an alternate item of the child item.

On POS, in case if any matrix child items is not available, then system will display other child items with similar attributes.

Failsafe POS (Auto Recovery POS)

This feature allows the terminal POS to auto-recover the transaction in situations where the terminal POS shut down due to an unexpected error (say power failure). The terminal POS in such an event will resume from the point where it was shut down. The auto-recovery feature will also be available in situations where all items were scanned and the tendering process was in progress.

This feature is extremely pertinent for retailers who have large retail invoices for e.g.: supermarket, grocery stores, etc.

Combining import of UOM pricelist

With iVend Retail 6.5, user can now use a single import template to import the UOM prices along with the base product price.

Consolidated error messages

In iVend Retail 6.5, instead of displaying error one by one, the system will now show all the relevant error messages while importing the data using excel import or while entering the data using iVend API.

Import option for serial/batch for goods receipt

In iVend Retail 6.5, user can now import the serial/batch item information while doing goods receipt using excel import.

Multi-level user authentication for Cash in/ Cash-out

In iVend Retail 6.5, Multi-level user authentication is now enabled for Cash in/Cash-out functionality.

Payment Gateway Integrations

iVend Retail 6.5 extends support for following payment gateways:

- Cayan with support for Apple Pay
- B&S
- Handpoint for mobile POS

PCI Certification

iVend Retail has been recertified for PA-DSS compliance. This new certification is based on PA-DSS version 3.1.

API –Enhancement

APIs are significantly enhanced to incorporate following.

- Bonus Buys
- Product category
- Product class

Language Support

Apart from English, iVend Retail application is now available in the following languages:

1. Arabic
2. Dutch
3. French
4. German
5. Greek
6. Hebrew
7. Italian
8. Latin American Spanish
9. Polish
10. Simplified Chinese
11. Traditional Chinese
12. Vietnamese
13. Korean
14. Swedish
15. Spain – Spanish
16. Portugal – Portuguese

Usability Enhancements

Quick Entry Form for Product Master

With iVend Retail 6.5, a new user interface has been provided to create and manage multiple products at the same time. The new user interface consists of multiple tabs which contains information for creating Alternate items, upsell items and matrix items.

Display decimal places only for fractional items

With iVend Retail 6.5, if an item is marked for fractional quantities then only it will display with decimal places in the transaction screens.

Management Console form design based on security levels

With iVend Retail 6.5, a display profile can be created which can then be assigned to a security role. Admin can then customize various Management Console screens and save under a display profile. When a user logs in, based on the attached Display Profile the screens are shown to the user. This functionality can be used to remove the unwanted fields from the forms.

By creating multiple profiles, system can be setup to enable the field level security in the system.

RTL support using latest UI Components

In iVend Retail 6.5, RTL support is enhanced using latest UI components.

Allowing Creation of Product Attribute and Child Attribute from the Product Master

With iVend Retail 6.5, It is possible to create product attributes from the product master screen and based on those attributes user can create the matrix parent and child items.

Keyboard for Customer Creation Window

With iVend Retail 6.5, it is possible to use the Onscreen Keyboard on Point Of Sale during customer creation. This is especially useful with touch screen based POS systems.

Keyboard on POS Scan Window

With iVend Retail 6.5, it is possible to use the virtual Keyboard on Scan area at Point of Sale.

Ability to configure data field as un-editable

In iVend Retail 6.5, user can mark any data entry field as non-editable. This would prevent the user from updating the field value in update mode.

Globalization of dropdowns field

In iVend Retail 6.5, all the dropdowns field in iVend are globalized.

Masking for payment attributes fields

In iVend Retail 6.5, if required, user can mask the attributes field available on payments. This has been done for security purposes.

Search Enhancements

Ability to display Product Images in Product Search

With iVend Retail 6.5, it is possible to display the product images in product search. On enabling the *Product images in Search Grid* setting available on Retail Profile will display product images in the search grid.

Search View - Filter Row added

With iVend Retail 6.5, it is possible to filter the data available in search view. A blank row on top of the search results is added which helps in further filtering of the records.

Ability to display additional columns in Search View

With iVend Retail 6.5, it is possible to display additional information in search results as per the customer requirement. For Example, In Product search view, user can add additional column to search the product data.

This functionality is generically available across application. Once configured, the same information would also be available at each store.

Color Code in Product Search for Matrix Parent / Child Items

With iVend Retail 6.5, it is possible to define the color code setting for matrix Parent and child items. In the search view, parent and child items will display in color based on the color code setup in the retail profile. It will help in distinguishing non matrix and matrix.

Color Code for Loyalty Customer in Customer Search

With iVend Retail 6.5, it is possible to define the color code setting for Loyalty Customer. In the customer search view, loyalty customer will display in color based on the color code setup in the retail profile. It will help in distinguishing customers with loyalty customers.

Lookup for Search Criteria

With iVend Retail 6.5, instead of typing the values to be searched user can select the values from the provided lookups in the search criteria. For e.g when user want to search products based on a product group then instead of user typing in the values in the search criteria the user can select the product group value from the provided lookup within the field.

Auto highlight selected values in lookup

With iVend Retail 6.5, the selected value is automatically highlighted on opening the lookup screens.

New or updated value comes highlighted in the search screen

With iVend Retail 6.5, when user creates a new record or update any existing record then the same record will be highlighted in search screen.

Item Type field in Search Criteria to display All / Parent / Child Items

In iVend Retail 6.5, Type field is added in search criteria to display all items, parent items or child items in the search window. Based on the value in type field the data is displayed in the search window.

Reports & Dashboards

Label printing enhancement

With iVend Retail 6.5, a user can print Suggested Retail Price along with the regular price on the Item Labels. The original product price (SRP) can be picked from the retail price list attached to the store.

New Reports

ABC Analysis

ABC Analysis report displays the classification of items into three categories (A, B, and C) in order of their estimated importance. 'A' items are very important, 'B' items are important, 'C' items are marginally important. The ABC analysis suggests that inventories of an organization are not of equal value. Thus, the inventory is grouped into three categories (A, B, and C) in order of their estimated importance.

Store Analysis

This report shows total sales, number of pieces sold, number of customers and the average basket size. The user needs to define the date period and an option to define the store to filter on. An additional option is to define if the data should be displayed per day, week or month.

Best Selling Items

The Bestselling Items report displays the list of best selling items within a selected period. You can set the different filter criteria to view the report data. For Example, you can set the number of records that will be shown in the report.

Worst Selling Items

The Worst selling Items report is opposite of bestselling Items reports. The worst selling items report displays the list of worst selling items within a selected period.

Decrease Movements

The Decrease Movement report displays the list of item movements out, indicating a decrease in inventory. You can set the different filter criteria to view the report data. For example, you can select the *Goods Issue* or *Stock Take* option based on which inventory is decreased.

Item without Sale

This report displays the list of Items which have not sold within the selected period.

Location List

The Location list report displays the total locations available in the system with total quantity and how many kind of items stored in the location.

Stock by Location

The Stock by location report display the location wise stock. You can set the mentioned below filter criteria to view the report data.

- **List** – if selected, displays the location contents in a list view per location per item
- **Hierarchical** – if selected, displays the location contents in a hierarchical structure.
- **Product before Store:** In hierarchical structure, if **Product before store** is selected, the product data is displayed before the store column.

- **Show Details:** if selected, displays the serial/batch information for the items stored in the location

New Items

The New Items report displays all item master record that have been created with in the selected period.

Item Cost

This report displays the current cost for an item whether the costing method is standard or moving average. You can set the mentioned below filter criteria to view the report data.

- **Product after Warehouse:** If Product after warehouse is selected, the product column is displayed after the warehouse column.
- **Show Details:** if selected, displays the serial/batch information for the items displayed in the report.

Inventory Audit

This report provides an audit trail for the posted inventory transactions in the system within the selected period.

Cost Audit Log

This reports provides the cost change information which is done either manually (when costing method is Standard) or by transaction (when costing method is Moving Average).

Price List Log

This report displays the price change in the price list for a normal product within the selected period.

UOM Price Log

This report displays the price change in the price list for a UOM product within the selected period.

Stock Quantity Log

This report displays the quantity changes for a product after performing the Inventory counting in the system.

User Authorization

This report displays the security rights configured for the users in the system.

Exchange Rate Report

This report displays the exchange rates defined for the currencies in the system within the selected period. You can select *Missing Exchange Rates* check box in filter criteria to display the dates for which exchange rates are not available in the system.

Transaction Promotion

This report displays all transaction performed in the system using selected promotion in the filter criteria.

Employee List

This report displays the list of all employee available in the system based on filter criteria.

Loyalty

Loyalty Referral Program

With iVend Retail 6.5, it is possible to define and award referral bonus points whenever an existing loyalty customer introduces a new loyalty customer. This is typically used in a multi-level marketing program. It is also possible to award points to customers whenever their referred customers graduate to the next higher loyalty level. New customers can be referred via the Customer Portal or from POS.

Multiple Loyalty Programs

With iVend Retail version 6.5, multiple loyalty programs can be defined for an enterprise / subsidiary. In general, we can define multiple loyalty programs and have different setup for each loyalty program. With subsidiary following setups are possible:

- Each subsidiary in an enterprise can have a separate loyalty program.
- One subsidiary can have more than one loyalty program
- Two or more subsidiaries can share the same loyalty program, if they have the same subsidiary currency.

Standalone iVend Loyalty

With iVend Retail 6.5, iVend loyalty can now work in a standalone mode. This would allow third party retail systems to use iVend Loyalty management system for managing their loyalty programs / customers.

Data exchange between third party retail systems and iVend Loyalty would be facilitated through iVend APIs. Third party systems can exchange transaction information with iVend loyalty for point accumulation and redemption using iVend APIs. The standalone loyalty system can as well send notifications to the loyalty customers using iVend Passes, SMS and Emails.

Customer Portal Re-Design

With iVend Retail 6.5, the customer portal has been re-designed, making it more user friendly and responsive.

The customer portal can also be used as a kiosk for enrolling loyalty customers in a faster way. The customers can enroll by entering either email or mobile number.

Transaction Receipt on Customer Portal

Transaction Receipts issued at the POS can now be viewed by the loyalty customers on the Customer portal. Loyalty customers can also reprint their transaction receipt from the customer portal.

iVend Passes Enhancement

With iVend Retail 6.5, the passes integration has been enhanced to incorporate following scenarios:

- Ability to issue Loyalty Passes
 - When customer is registered from iVend Management Console
 - When customer records are imported from iVend Management Console
- Ability to Issue / Update passes

- When customer balances changes using the Adjustment Journal
 - When customer balance changes using import tool
- Ability to Issues Gift Card Passes
 - When Gift Card are issued from iVend Management Console or using Import Tool
- Ability to update Gift Card passes when balances are changed from iVend Management Console or using Import Tool

Handheld Enhancement

For cases where the user would like to connect to multiple stores / warehouses using the same Handheld device, multiple profile feature has been incorporated in iVend handheld module. With the multiple profile feature, the user can setup profiles for each store and use the same device to connect multiple stores.

iVend Retail Integration with Microsoft Dynamics NAV

With iVend Retail 6.5 we are releasing a new connector for integration to Microsoft Dynamics NAV 2013 R2.

The seamless integration between iVend Retail and Microsoft Dynamics Navision improves end-to-end retail management with minimal manual intervention and streamlined retail functioning.

iVend Retail integrates with Microsoft Dynamics NAV using iVend Retail APIs. The entire landscape is designed to utilize the best practices in Microsoft Dynamics NAV for enterprise processes and extend them via iVend Retail to the retail landscape.

The iVend - Microsoft Dynamics NAV Integration is currently supported for the following localizations:

- United States
- United Kingdom
- Australia
- Canada
- France
- Italy
- Spain
- Mexico
- W1

SAP Business One Integration



iVend Retail 6.5 will only support integration to SAP Business One 9.X series. Integration support for SAP Business One 8.X is being dropped with iVend Retail 6.5

SAP Business One Certification

iVend Retail is seamlessly integrated with the latest SAP Business One. The iVend Add-on / integration is now certified with SAP Business One 9.1.

Argentis Fashion and Apparel Add-on Integration with iVend

Argentis Fashion and Apparel Add-on is a Product life cycle management add-on for SAP Business One. It facilitates the management of products, from design all the way through to production.

The Matrix item functionality provided by this add-on has been integrated with iVend. A matrix item structure is identified by a parent item and categorized by child items having similar attributes. It extends the single level item definition schema of SAP Business One and allows creation of variants and child items to a parent item. It does that by creating and attaching different attributes to parent items. These attributes can then be inherited by the child items.

Integration Model Implementation for Chile localization

iVend Retail 6.5 includes the new integration model for SAP Business One integration to support Chile localization calculation requirements.

Support for SAP B1 – UDT (User Defined table) Integration with iVend

With iVend Retail 6.5, it is possible to integrate SAP Business One User Defined table with iVend. In the iVend Add-on, a new screen has been provided that displays all the available user defined table with "**No Object**" type. User can select the tables and enable them for integration with iVend. The integration engine will automatically create the selected tables and corresponding fields in iVend (except for fields with *Type* as **General** and *Structure* as **Link**).

If user would like to integrate any iVend UDT with SAP Business One then user must create the same table with same fields in SAP Business One and enable it for integration in iVend Add-on.



In SAP Business One UDT, **code** and **name** are default column which are unique. When record will be integrated between iVend and SAP, these two columns must have unique value in iVend.

Support for SAP B1 – UDO (User Defined object) Integration with iVend

With iVend Retail 6.5, it is possible to integrate SAP Business One User Defined object with iVend. In the iVend Add-on, a new screen has been provided that displays all available user defined objects. User can select the UDOs and enable them for integration with iVend. The integration engine will automatically create in iVend all tables linked with the UDO.



User defined Object integration is unidirectional from SAP Business One to iVend only.

UDF Integration

With iVend Retail 6.5, it is possible to integrate SAP Business one UDFs available on various masters and marketing document.

Along with Customer and Items masters, UDFs available on following masters are supported:

1. Vendor
2. Warehouse
3. Items Group
4. Sales Employee
5. Manufacturer
6. Shipping type

7. Customer Group
8. Surcharge
9. Business Partner-Address
10. Business Partner- Contact
11. Tax

Auto Receive Stock Transfer in SAP

With iVend Retail 6.5, it is possible to automatically receive stock transfer receipt in SAP Business One based on the setting provided in retail settings window. In Earlier version, user need to manually post the stock transfer receipt document in SAP Business One.

Integration of Stock Transfer Requisition with SAP Stock Transfer Requisition document

With iVend Retail 6.5, Stock transfer requisition document of iVend is integrated with SAP Business One base screen of Stock transfer requisition. It is also possible to create the shipment document based on requisition document created in SAP Business One.

Users also have an option to cancel the stock transfer shipment document.

Use Base Inventory Transfer Screen of SAP Business One

With iVend Retail 6.5, it is possible to use the base Inventory transfer screen in SAP Business One to transfer the stock from SAP Business One to iVend Store.

Vendor Catalog master integration with SAP Business One.

With iVend Retail 6.5, Vendor catalog master available in iVend is now integrated with SAP Business One.

Tax only field for Mexico localization

In iVend Retail 6.5, Tax only field available on Item master for Mexico localization is now integrated with iVend. If the Item is tax only then on Point of Sale, the document total is calculated by Tax and not by Item price.

Extensibility Enhancement

Extensibility in iVend Retail has been significantly enhanced to incorporate following capabilities:

- Extending iVend screens – Users will be able to extend existing management console screens by adding UI controls, capturing UI events, etc.
- Creation of UDT (User Defined Tables) and UDF (User Defined Field) through programming interface.
- Custom Menu Item on Management Console and POS.
- Add-on execution sequence can be set from the management console.
- Manager override functionality is exposed in the add-on framework. I.e. add-on code can forcefully call the manager override functionality.
- Handle Business Object's UDF and UDT data via API interface.
- Scanning events on custom screen on POS e.g. MSR, Scanning, Printing etc.

Note: All existing add-ons build on top of iVend 6.4.X need to be refactored as per the new extensibility framework in iVend Retail 6.5. A number of code samples will be made available on the CitixSys Knowledge Portal. (<https://knowledge.citixsys.com/ivendextensibility>)

iVend 6.4 R2 – March 2016

New Licensing Model

iVend Retail 6.4 R2 incorporates a new hybrid licensing model for Management Console with support for both Device and User based licensing for an on-premises deployment. The Retailer can decide if the licenses are to be allocated to Devices or Users. A mix of Device and User Licenses can also be allocated across the landscape. Moreover, the license allocation can be interchanged at any time.

Cloud deployments will only support user based licensing.

The POS licenses are also interchangeable between terminal and mobile POS.

Language Support

Apart from English, iVend application is now available in the following languages:

1. Arabic
2. Dutch
3. French
4. German
5. Greek
6. Hebrew
7. Italian
8. Latin American Spanish
9. Polish
10. Simplified Chinese
11. Traditional Chinese
12. Vietnamese
13. Korean

New Payment Gateway Integration

Integration to Cayan (USA) and B&S (Europe) Payment Gateway has been added in iVend Retail 6.4 R2.

API Enhancement

Purchase Order API has been enhanced to allow updating of Purchase Orders.

Issues Fixed

ID: 19464

Description:

If more than 10000 loyalty cards are used in system then while recalculating the Loyalty levels by clicking the “F8 Recalculate level button” on Loyalty Level Screen, gives an operation timeout error.

ID: 19486

Description:

While showing the list of databases in case multiple iVend Enterprises are hosted on a same machine, system gives an error if any of the Enterprise Name has a ‘ (apostrophe) in the Enterprise Name.

ID: 19567

Description:

Due to different screen resolution of the devices supported by Datacap payment gateway, sometimes only portion of a signature is captured in iVend. This functionality is enhanced in this version so that now the entire customer signatures are captured.

ID: 19653

Description:

While importing the child product data from an excel file using "Child Product" template the system was attaching the same attribute value multiple times to the same product. Due to this the last attribute defined for the product was repeated multiple times.

ID: 19657

Description:

In iVend 6.4.1.2 the data is not being displayed in the sales reports. The same been rectified now.

ID: 19765

Description:

Layaway cancellation were also included in the sales reports which were causing the reports to display the wrong data. This has been rectified now and only the active layaways would be considered for reports.

ID: 19774

Description:

In case the decimal places for the currency format is set to 3 decimal places, it is observed that the system does not round the values properly which was causing a difference of \$0.01 cents while taking payments at POS. Due to this the Layaway cannot be fulfilled in case a 100% payment rule is set in the system before the delivery of the layaway item.

ID: 19810/19816

Description:

While defining the barcode components, a barcode sub-component was not allowing more than 20 characters. This has been enhanced now to allow up to 100 characters now.

ID: 19811

Description:

Sales by Transaction does not show the transaction date and the UoM in which the transaction was done. These 2 columns are now added to the report.

ID: 19815/19892

Description:

System slowness has been observed in cases where a promotion is defined on the basis of product category. The promotion engine is optimized now to support such promotion scenarios.

ID: 19839

Description:

In case of multiple edits of a Store Purchase Order in SAP Business One, the purchase order state changes in iVend from close to open. To avoid this from happening an additional check has been implemented in the system which would not open the already closed/received purchase orders in iVend.

ID: 19889

Description:

While editing the Special Order in POS a new Transaction Id was allocated to the edited transaction. This functionality enhancement would allow user to retain the old transaction id on the edited Special Order.

ID: 19899

Description:

If a sale level promotion is applied on a transaction, then the same gets applied on all the items even if the items is added in the exclusion list of the applied promotion. This was causing the receipt to print wrong values.

ID: 19902

Description:

The Line Level attributes captured in case of Delivery against Sale order where not exposed through iVend APIs. The same has been exposed now via iVend APIs.

ID: 19912

Description:

While creating a Purchase Order all the products are not showing up in the product search screen in case "Show Products by Vendor" setting is turned ON. This was observed only in cases where the system has the matrix items and setting "Show Products by Vendor" available on the Enterprise screen is turned ON.

ID: 19931

Description:

Slow performance issue of iVend dashboard while viewing it through iVend Web Viewer. The performance tuning of the dashboard are done so that they can load faster now.

ID: 20022

Description:

Report shows a Timeout error when a "Sales Report by Supplier" is run for a period of one year.

ID: 20057

Description:

In "Sales by Cashier" report the quantity displayed is not showing the correct value. The same has been rectified in the latest report.

ID: 20120

Description:

It is observed that integration monitor is available only on one of the machines at iVend Enterprise. The integration monitor was visible only on the machine where iVend Management Console is launched first and not on the rest of the machines connected to the enterprise.

ID: 20133

Description:

In case a barcode mask was defined in the systems, the barcode resolution was not working when a transaction key was scanned on the POS. This has been fixed now.

ID: 20139

Description:

While doing an Inventory Count system does not update the counted quantity in case the quantities are imported from a text file. This was happening only for the products which are already added in the counting screen and does not have a UoM definition defined.

ID: 20140

Description:

User gets an error while exporting the price list in case the price list contains the product which is marked as deleted in the system.

ID: 20141

Description:

Updates done for Assembly or Kit item from SAP Business One were not getting integrated to iVend. The information was getting updated in iVend Enterprise however the same information does not flow to the store.

ID: 20155

Description:

Line space between line items listed in the GRPO report was on higher side and has been reduced now.

ID: 20260

Description:

In cases where logging of a voided transaction is enabled from Retail Profile, an error comes while cancelling the special order at POS. This has been rectified in the current version.

ID: 20312

Description:

In case a transaction is refunded at POS in currency other than the system local currency the payment information does not integrate correctly to SAP Business One. The same has been fixed now.

ID: 20329

Description:

Primary key violation error comes while creating bonus buys at store. This occurs only in cases where a bonus buys from the store was already created and the store database has now been restored from iVend Enterprise.

ID: 20379

Description:

Discounts given on the Sale Level are not showing up in the Header Top Item Sales by Quantity or Price report.

ID: 20422

Description:

In iVend Add-on for SAP Business the following error was observed on the stock transfer shipment screen when the user performs the following steps:

Step 1: Open Stock Transfer Shipment Window in SAP B1

Step 2: Scan all Items Serial No from provided List.

Step 3: Click on add button

Step 4: On confirmation windows click the Yes button.

Step 5: Click on the Update button on the Batch/Serial update window.

Step 6: Now click once again on the add button on Stock Transfer Shipment Window.

Step 7: On confirmation windows click the Yes button.

Step 8: Click on Yes button. System shows an error at the bottom of the screen.

ID: 20457

Description:

In case of taking a payment from a custom tender in which different currency has been used other than the system base currency, then instead of showing the transaction balances in the system base currency system start showing the balances in customer tender currency. The same gets rectified after completing current transaction.

ID: 20463

Description:

While receiving GRPO against a purchase order, iVend handheld shows an error. This occurs only when the purchase order has some items for which the UoM defined is other than the base UoM. The same has been rectified now in iVend Handheld.

ID: 20564

Description:

In case where product does not allow fractional quantities and the user has entered a quantity in decimal in the scan area, the system shows the wrong calculated values on the transaction. This has been rectified now and system will show the values based on the rounded integer value rather than using the decimal entered value.

ID: 20697

Description:

Error "Showing invalid object" is shown to user while running "Stock Transfer Shipment" report. The same has been rectified now.

ID: 20786

Description:

In case a team till is being used, the Cash In /Cash Outs are recorded in name of the cashier who logged in first for assigning the till, even if the transaction is performed by another cashier of the same team. This has been rectified now.

ID: 21148

Description:

The system shows an error “Object reference not set to an instance” while completing the transaction at POS. This was observed in cases where POS was not able to save the transaction and user click on Retry button.

ID: 21154

Description:

Receipt does not print properly in case where no value is captured on the Product/Customer UDFs and the same is being used as a conditional statement in the XML receipt. This has been rectified now and the Null values would be considered as Empty String values.

ID: 21251

Description:

Incorrect cash inflow value in End of day report.
The report was adding the change amount given back to the customer to the total inflow amount. This has been corrected now so that the inflow amount does not include the change amount given back to the customer.

ID: 21311

Description:

Item/Shelf labels does not show the price of an item based on the selected UoM. This was observed in cases while printing the labels where the UoM apart from the base UoM was selected on the label printing screen.

ID: 21326

Description:

If case a payment is made by Check tender type then the due date information collected at POS does not integrate to SAP Business One correctly. This has been rectified now.

ID: 21351

Description:

In case a UoM is changed on the POS by opening the “Item Edit” screen, the price of an item does not change based on the selected UoM. This is observed in the cases where a special price list is defined in the system for which quantitative pricing is not defined.

ID: 21372

Description:

In case Transaction Consolidation feature is turned ON in iVend and an AR payment is taken for a sales transaction at the POS, the AR Payment does not get attached to the original AR Invoice created in SAP Business One. This causes the invoice to remain open in SAP Business One.

iVend 6.4.1.2 – December 2015

Issues Fixed

ID: 17421

Description:

In case the sale items are refunded on which a fulfillment is attached, then system does not reverse the On-Fulfillment quantity which results in wrong representation of the quantity required for fulfillments.

ID: 18753

Description:

Reports printed from iVend were not printing properly on the A4 paper size.

ID: 18844

Description:

When an over tendering is done at the POS by a foreign currency payment type and the system gives a cash back in local currency then while posting the payment information is SAP Business One the GL account for the outgoing payment was posted in the GL account of the foreign currency (currency used for payment) rather than G/L Account for cash back in local currency

ID: 18866

Description:

On till detail count screen the system shows the currency symbol as per the system localization setting (Windows setting) whereas the same should be picked from the system display settings done by the user.

ID: 18872

Description:

In case a user has created a range validation for a field, then on opening a particular form, system raises an exception. Due to this the users were getting an error while applying a new rule on the Credit Limit Value to the customer.

ID: 18891

Description:

Quantity in the integrated delivery document in SAP Business One is not correct when a fulfillment is done in iVend for a Sales Transaction having Delivery fulfillment. This is happening only in case when a sale item has been created in the UoM other than the base UoM defined for the product.

ID: 18899

Description:

System is not applying the default number series in case a gift certificate is being sold at POS along with the other sale items.

ID: 18910

Description:

iVend POS shows an error "Signature Already Exists" to user in case the multiple credit card/debit cards are used in transaction and the signatures are already captured on the first credit/debit card.

ID: 18914

Description:

Transaction receipt is not sent to loyalty customers in case the loyalty is working in "Loyalty Card" mode.

ID: 18916

Description:

While doing an inventory counting for a batch controlled items where batch numbers are same for more than one product that are being counted, the system does not post the inventory counting document properly.

ID: 18937

Description:

Users are able to login in earlier store even if the mapped store is deleted from the list of stores where user is allowed to login.

ID: 18938

Description:

When user tries to lookup the document details from iVend Transaction Reconciliation screen within SAP Business One then in some cases the document details are not shown to the user. This happens in cases where Document Number does not match the Document Entry of SAP Business One document.

ID: 18953

Description:

System shows an error while doing a delivery for a reserve invoice having serial/batch controlled items from SAP Business One, which was posted from iVend. This happens only in cases where inter store sale transaction with delivery fulfillment was created from iVend POS.

ID: 18958

Description:

It is observed that few of the records were not replicated from iVend Enterprise to Store in a timely manner.

ID: 18978

Description:

User is not able to set the Minimum and Maximum inventory levels for an item in a warehouse through iVend API.

ID: 19019

Description:

While viewing the details in Special Order Statement Report, the delivery details were not shown correctly. This happens only in case when a delivery document is created in iVend for multiple orders in a single transaction.

ID: 19032

Description:

The users are able to directly login to POS from screen saver screen in case a user has earlier logged in POS by swiping the magnetic card and then after logged out from POS.

ID: 19038

Description:

For few of the date ranges the system is not applying the payment surcharges correctly while taking payments. This happens when day defined in From Date is greater than the Day defined in the To Date setting of the payment surcharge.

ID: 19040

Description:

While opening a report in a report designer, system asks for the file location multiple times. System asks for the file location the number of time the report designer form is opened on the Management Console.

ID: 19067

Description:

While doing a till finalization, system shows a till variance message even if the system calculated amount matches to the counted amount. This is fixed now and system will only prompt user for till variance in case the system calculated amount is not equal to the counted amount.

ID: 19068

Description:

When a default customer has not been setup for a store - if after completing the transaction on POS, user clicks on Cancel button on customer selection window, the system on re-login will show the last transaction on the screen.

ID: 19073

Description:

System does not retain the Customer Reference Number in case the Sale Edit screen is reopened after specifying the Customer Reference Number.

ID: 19075

Description:

Users are unable to upload UoM based pricing. In current release user can use the pricing template to upload the UoM based pricing along with the regular prices.

ID: 19076

Description:

While updating the price list the following listed events were not generated by the system. These events are raised by application so that the price list changed events can be trapped in iVend Add-Ons using iVend Extensibility.

1. BeforePriceListAddEditEventRaise
2. AfterPriceListAddEditEventRaise

ID: 19089

Description:

In case a payment surcharge is applied on a sales transaction then while doing a refund the same is not being refunded even though the surcharge is marked as refunded in the system.



The surcharge will be refunded only in case when the refund is created against the original sales transactions.

ID: 19093

Description:

If a currency culture is set to Dutch (Netherlands) then the denomination value in the Till counting screen is not displayed correctly and are also not properly formatted.

ID: 19107

Description:

Report "Sales by Transaction Type" gives an error "Report timeout" in few cases. The same is resolved in this release.

ID: 19166

Description:

The cancelled Special Orders/Layaways are shown in the Delivery Report with the status as Open.

ID: 19208

Description:

While deleting the credit card payment using Elavon payment processor via DataCap, system shows an error message "TranCode Error".

ID: 19239

Description:

The UoM based prices are not picked up correctly by the system in case of error on item edit screen and the user has changed the UoM on the screen. This is a very specific case when a batch is not selected for the UoM based batch controlled item while doing an item edit.

ID: 19271

Description:

While doing a Dashboard search user gets an error message.

ID: 19313

Description:

If the product is created in SAP Business One after deleting the product with the same product code, then the newly created product is not integrated with iVend.

ID: 19321

Description:

Extra integration records are generated in case a goods receipt is created in SAP Business One having same serial controlled item in multiple lines. This sometimes results in integration slowness in case the document has multiple lines with multiple serial information.

ID: 19342

Description:

Upsells setup for an item are not displayed on POS when a product is added to a transaction.

ID: 19392

Description:

In case a layby is cancelled at POS and layby has more than one item, the system does not allow the transaction to save and gives an error.

ID: 19402

Description:

In case a barcode mask is defined in the system with Start Sentinel as '02' or '20', the system does not work according to the barcode mask definition.

ID: 19421

Description:

If sales person id defined in the system is more than 40 characters then while displaying the Sales Reports the user sees an error message "String or Binary data would be truncated".

iVend 6.4.1.1 – November 2015

Argentis Fashion and Apparel Add-on Integration with iVend

Argentis Fashion and Apparel Add-on is a Product life cycle management add-on for SAP Business One. It facilitates the management of products, from design all the way through to production.

The Matrix item functionality provided by this add-on has been integrated with iVend. A matrix item structure is identified by a parent item and categorized by child items having similar attributes. It extends the single level item definition schema of SAP Business One and allows creation of variants and child items to a parent item. It does that by creating and attaching different attributes to parent items. These attributes can then be inherited by the child items.

iVend Mobile POS Enhancements

Transaction Server Search

With Mobile POS v2.4, User can now use the transaction server search functionality on Mobile POS similar to Terminal POS.

With transaction server search, user can perform the following transaction on Mobile POS:

- Exchange against a Sale transaction
- Refund against a Sale transaction
- Special Order Edit and Cancelation
- Fulfillment against a Special Order
- Payment against a Special Order
- Exchange against a fulfillment
- Refund against a fulfillment



Note

In Offline mode, the transaction sever search will only fetch the records available in mobile device database.

Star Micronics mPOP integration

iVend Mobile POS v2.4 includes integration with Star Micronics mPOP (Mobile Point of Purchase). mPOP is an all in one device which combines a barcode scanner, a two-inch thermal receipt printer and a compact cash drawer.

iOS 9 Compatibility

iVend Moblie POS V2.4 app for iOS is compatible with iOS 9.0.

Simplified Chinese language support

iVend Mobile POS v2.4 now include supports for Simplified Chinese language.

Language can be set from the configuration setup available in Mobile POS. After login in the App user would see the GUI in the simplified Chinese language.

Issues Fixed**ID:** 15756**Description:**

No data is displayed on the Store Profitability Report in case the report is run without specifying any data filter criteria.

ID: 17177**Description:**

"License count exceed" message still appears even a registered handheld device is de-registered from iVend Management Console.

ID: 17404**Description:**

While creating a Stock Transfer Shipment document the Import button is enabled. However if user tries to create a Stock Transfer Shipment after viewing an earlier created stock transfer then the Import Button is disabled.

ID: 17435**Description:**

Error message is displayed when user is on the complete sale screen and tries to re-print the transaction.

ID: 17452**Description:**

When Stock transfer request created from iVend, and partially fulfilled from the SAP Business One, it closes the entire stock transfer request document in iVend. However, on line level it is in open status.

ID: 17454**Description:**

If the Payment type CASH is first deleted and then re-created then while doing a till count the user sees the currency denominations listed multiple times.

ID: 17456**Description:**

In case the system is configured for opening the Sales Attribute Automatically and a Sales Attribute is set for mandatory collection before the user can start the transaction, the sales attributes are not opening automatically.

ID: 17509**Description:**

System is allowing user to Login at iVend Enterprise for a User which is configured for store login only.

ID: 17687**Description:**

Coupons marked as deleted from iVend are still being used on iVend Mobile POS.

ID: 17729

Description:

If the cash tender type is deleted and then re-created then Cash In and Cash Out amounts are not displayed correctly on the X-Tape Report.

ID: 18018

Description:

The default currency symbol changes on the POS if the users take the payment in foreign currency tender type. POS should revert back to the local currency symbol which is configured in the local display settings.

ID: 18034

Description:

In case the document series for the Sales Order has length of more than 20 characters then the sale order payment fails to integrate with SAP Business One. An error message "Value too long in Property reference2 of Payment" is displayed in this case.

ID: 18062

Description:

When the POS setting is set to Login per User, then the POS screen continues to display last transaction information when another user logs in after the transaction.

ID: 18161

Description:

Bar-Code Mask information is not being exported while exporting the product information using iVend Export functionality.

ID: 18171

Description:

When the system is configured for Arabic localization then Product search using Arabic characters such as فضي ماء الذهب غطاء ابيض غرام 500 فارغة المنيوم is not working properly on iVend POS.

ID: 18174

Description:

In case parameterized queries are created in system using iVend Query Manager then while opening dashboard on iVend Management Console system displays several messages before dashboard opens.

ID: 18186

Description:

The transaction integration with SAP Business One fails in case the users cancels the Sales Order created from POS before the original order has integrated with SAP Business One.

ID: 18212

Description:

The End of Day report does not take store credits issued into account and therefore Net Amount is not displayed correctly.

ID: 18213

Description:

While logging into iVend POS using biometric login, the Add-on does not start. However if the user logs in using conventional method then iVend Add-On start automatically.

ID: 18314

Description:

In case a sales attribute is configure for capturing at the beginning of the transaction and is also marked as a mandatory attribute, clicking the Cancel button on the attribute collection screen the user is logged out. However when the user logs into the system again the previously carried out transaction is displayed on the transaction screen.

ID: 18425

Description:

User is unable to Import the UoM information of the product while doing an inventory counting. An error message "Object reference is not set to an instance of an object" is displayed to the user in such cases.

ID: 18519

Description:

Sales by Sales Person report is not filtering the data based on the selected sales person. Also if no filter is provided then data is not displayed in the report.

ID: 18619

Description:

If in SAP Business One, the base inventory UoM defined on the product is different than the base UoM of the UoM Group attached to product, then at POS the prices of the product is not showing up correctly.

ID: 18688

Description:

In few systems it is observed that iVend Update Service takes 98 % of CPU Utilization.

ID: 18795

Description:

API Health Check fails in case the full address of the API is not specified in the URL field.

ID: 18796

Description:

User is not able to manage (De-register) the Registered Handheld Devices from iVend Enterprise.

ID: 18835

Description:

While creating a Quotation, the surcharges configured on the product for refund are getting added.

ID: 18840

Description:

In case the system is configured for "Login per Sale" and a Team Till is being used then system continues to print the cashier name from the earlier transaction.

ID: 18842

Description:

In case Bar Code Mask is configured to scan the UoM Barcode along with the price of the product, then the system populate the UoM on the transaction. However, the price is not picked up correctly by the system at the POS.

iVend 6.4.1 – June 2015

Authorizations

iVend 6.4 incorporates new authorization setup which allows user to setup multi-level authorizations for the Manager Override functionalities at the Point of Sales. For e.g. user can setup 2 step authorization for processing a refund at the Point of Sales.

An audit log report for multi-level authorization is also included.

Matrix Product

Product Inheritance Settings

iVend 6.4 incorporates new setup which will allow user to define the product properties which should be inherited to the matrix child items. Users can separately define the properties that are inherited to child items at the time of creation and updating the parent product.

Item Cost

Users can now define the product cost while defining the product in the system.

Attribute Selection

While creating matrix child items the user can now select/un-select all attributes together or alternatively select and unselect attributes individually.

Tax Condition

Tax conditions setup can include the following additional conditions.

1. Vendor Group
2. Vendor Code
3. Valid Date From
4. Valid Date To
5. Valid Time From
6. Valid Time To

SQL 2014 Compatibility

iVend POS 6.4.1 will support the following versions of Microsoft SQL Server:

- SQL Server 2008 R2
- SQL Server 2012
- SQL Server 2014

iVend API

iVend 6.4.1 includes support for both SOAP and REST APIs.

System Display Settings

iVend 6.4.1 includes a new setup for display settings such as Currency Symbol, Date Formats, Decimal Separator, Decimal Places and Currency Settings.

SAP Business One Integration

iVend 6.4.1 includes an enhanced integration engine which will allow integration between SAP Business One and iVend Cloud account. When integrating SAP Business One (On-premises or on Cloud) with iVend Cloud the user must install the integration service on the SAP Business One server and configure the integration service to connect to the iVend Cloud account using iVend APIs.

For such WAN deployments, the integration monitor has been included in SAP Business One Add-On.

Dashboards

Loyalty Overview

Loyalty Overview dashboard shows the basic KPIs of the loyalty program i.e. Total Members, New Registration - Monthly, Members Transaction - Monthly, Total Points Accumulated, Points Awarded and Redeemed and the count of the members on each level.

Loyalty – Member Segmentation

Loyalty – Member Segmentation dashboard displays the graphs shows how members are distributed with respect to gender and age. It also gives a comparison of revenue generated by gender and age.

Loyalty – Finance View

Loyalty – Finance View dashboard have graphs that displays points summary and member's revenue, transaction share. The total available points gives an indicator of the program liability.

Loyalty – Plan Performance

Loyalty Plan – Performance dashboards have graphs showing how the active loyalty plans are performing. User will be able to see the impact of the plan on the entire business or for a particular store(s).

Loyalty – Store Wise View

The Loyalty – Store Wise View dashboard shows the selection list for Store Names on left side and the graphs for that store on right side. This dashboard shows the basic KPIs of the loyalty program store wise i.e. New Registration - Monthly, Members Transaction - Monthly, Points Awarded and Redeemed, Member Share – Transactions, Member Share – Revenue and the comparison of total and member transaction on day of the week.

iVend Mobile POS

Mobile Payment Integration

iVend Mobile POS v2.2 includes payment integration with Ingenico iSMP (Australia/ Parts of South East Asia) and Handpoint.

Sales Orders Processing

With mobile POS v2.2, users can now book orders for fulfillment from other stores.

Inventory View

iVend mobile POS v2.2, provides the ability to view Inventory across all Stores and Warehouses. This feature is only available in Online mode.

Receipt

With mobile POS v2.2, users can now print a test receipt to the connected printer.

Transaction Processing

iVend mobile POS v2.2, provides the ability to start a new transaction after a new customer is added to the system.

iVend 6.4 – March 2015

Licensing

iVend 6.4 incorporates new licensing mechanism to support multiple databases. Licenses from former versions will not work with iVend 6.4. Please request for a new license at licenses@citixsys.com.

Management Console License is now User based as compared to device based license in the former releases.

iVend Cloud

Complete control and visibility over retail operations are a must for any retailer to stay competitive. iVend Retail has long been an invaluable enterprise class retail management solution for retailers of all sizes. Now, with the iVend Cloud offering, this is much faster and easier to achieve without the cost and complexity of deploying an on-premise solution. With the iVend Cloud you can be sure of access to the most up-to-date functionality without having to use your in-house IT resources to maintain the solution.

Because the software is delivered as a service, there's no lengthy rollout, no requirement for time-consuming IT training, and no need for ongoing maintenance. You can get up and running quickly and with minimal disruptions. Also, your IT staff is freed up to focus on other tasks. By accessing iVend in the Cloud you can focus on your business, not your technology. Because you don't need to invest in hardware infrastructure or experienced IT experts to manage and support the solution, the total cost of ownership is kept to a minimum. Costs are affordable, easy to understand, transparent, and predictable. In addition, by accessing the solution on the cloud, you can deploy the software quickly across your entire organization. This means you accelerate time to value and quickly start to see a return on your investment.

Finally, iVend Cloud helps you avoid the large capital investment required by traditional on-premise software implementations and minimizes ongoing IT maintenance costs. This reduces total cost of ownership and enables you to focus resources on other areas of your business.

SAP Business One Cloud partners can also co-host the iVend Cloud within their SAP Business One cloud infrastructure and deliver to their customers an enterprise class retail management solution integrated with SAP Business One.

iVend 6.4 also includes an intuitive tool called the iVend Cloud Control Center for creation and management of iVend Cloud tenants.

Multiple iVend Enterprise on single Machine

With iVend 6.4 multiple instances of iVend Enterprise can be deployed on a single machine. Deployments with integration to SAP Business One can now have multiple iVend Enterprises integrated to different SAP Business One companies on a single physical machine. This will also allow multiple deployments of iVend Unplugged or a combination of Unplugged and SAP Business One integrated iVend Enterprises on a single machine.

Tender Based Discounts and Surcharges

Tender based discounts and surcharges allow the user to offer additional discounts or apply additional surcharges based on the tender that is used at POS for paying the transaction.

Discounts and surcharges can be setup separately for the following payment methods:

- Cash
- Credit Card
- Debit Card
- Check
- EBT
- Custom Tender in Local Currency.

Tender based discounts and surcharges can be setup for a date range and can also have a maximum threshold limit.

iVend Scheduler

The scheduler functionality in iVend 6.4 will enable the user to schedule the following activities:

- Automated delivery of reports to a list of users at defined intervals via email.
- Deliver output of a predefined database query to a list of users at defined intervals via email or SMS.
- Send email communication to a list of customers / users segmented based on a predefined database query.

iVend 6.4 will support the following SMS Gateways for outbound SMS communication.

- Nexmo
- SMS Global
- Click Send
- KlikaTell

Act on Demand

The On Demand feature in iVend 6.4 allows the user to interact with the iVend system via SMS.

This feature will enable the user to request a report or output of a database query on demand by sending a SMS to a long / short code provided by the SMS Gateway.

The SMS Gateway integration in iVend intercepts the incoming SMS message and sends out the desired report / query output to the user via email.

iVend 6.4 will support the following SMS Gateways for the On Demand feature.

- Nexmo
- SMS Global
- ClickSend

Sales/Item Attributes

iVend 6.4 allows user to create unlimited number of attributes that can be attached to a transaction or an item level. Using these attributes cashier can capture additional information from the customers while performing the transaction at POS.

Attributes can also be setup based on transaction types. Therefore based on the current transaction type being performed different information can be captured on the POS.

A regular expression can also be specified while defining these attributes. This allows validating the user input while capturing the details for these attributes on POS.

iVend Loyalty

With iVend 6.4 the loyalty module has been merged into the core iVend application and is no longer a separate application. With this the user experience is more uniform and application maintenance is low.

The loyalty module can be configured from the iVend Management Console.

SMS notification to customers for point updates has additionally been added to the Loyalty module.

Reason Codes

Support for capturing the reason codes has been extended to all Management Console transactions

Reason codes can also be captured for Suspended Transactions on the POS.

Existing reports are updated in iVend to display the captured reason codes.

Sale Refund

Sale Refund functionality has been enhanced in iVend 6.4. Users can now define Return days for individual products. Based on this setting the POS user can only refund products that fall within the return days' time period from the date of sale.

Return surcharges can also be attached to individual products that will automatically add to the Sale Refund transaction

Sale Refund beyond the refund days or removing of refund surcharges can be approved by using the Manager Override functionality.

Scan Area

A new set of settings have been added to the Retail Profile in iVend 6.4 to control scanning of codes from the Scan Area.

These settings restrict / allow the user to scan the following codes from the scan area:

- Product / Gift Card related information including Code, Barcode, Description, etc.
- Customer related information including code, first name, last name, etc.
- Sales person related information
- Transaction Id
- Loyalty related information

Account Receivable

Account Receivable management for customers has been included in iVend 6.4 for unplugged deployments. Based on the credit limit and the current AR balance of the customer, system can block the customer from purchasing goods using the **On Account payment type**.

Moving Average Item Cost

Moving Average inventory valuation method has been introduced in iVend 6.4 for unplugged deployments. The system automatically updates the Item Cost for all inbound inventory movements and records the Item cost against outbound inventory transactions.

Surcharges on Goods Receipt PO

Surcharges can now be applied to Goods Receipt PO document in iVend.

For Unplugged deployments users can also select the surcharges that should be loaded on Item Cost.

Matrix Item View

New views for Matrix Items have been added in iVend 6.4.

Management Console users can now view child items and their inventories across stores / warehouses within a single screen.

POS users can filter matrix items by attributes / attribute values and select / add multiple child items to the transaction from a single screen.

Data Import / Export for Matrix Items

Data Import and Export functionality in iVend will now support exporting and importing of Matrix Items. The data import functionality supports creation / updating of Parent / Child items based on the data definition in the import excel template.

iVend Report Designer

iVend 6.4 includes an in-built report designer. This will allow users to create new reports or customize existing reports without requiring any third party reporting tool.

Reports created with the iVend Report Designer can be scheduled for automated delivery at defined intervals via email and can also be viewed in any standard browser using the iVend Web Report viewer component.

Report Enhancements

Following enhancements has been incorporated in iVend reports:

- Filter criteria for reports now support date range such as Last Week, Last Month, etc.
- Delivery report can be filtered based on fulfillment plan.

Dashboard Widgets – Auto Refresh Interval

The Dashboard functionality has been enhanced in iVend 6.4. Users will now have the facility to define a refresh interval for each dashboard widget and based on the defined interval the dashboards will auto-refresh the widget data.

New Dashboards

iVend 6.4 includes the following 2 dashboards out of the box:

- Store Manager View
 - Total Sales for the Day
 - POS sale transaction value / volume
 - Till Tittle Point Status
 - Open Stock Transfer Requests
 - Open Purchase Orders
- Loss Prevention
 - Suspended Sales
 - Item Scanning Exceptions
 - Voided Sales
 - Cash Drawer Manual Operation

Product Dashboard

With iVend 6.4 the dashboard functionality has been extended to the product screen. Users can click the Dashboard icon on the product screen to view the current product statistics.

Customer Dashboard

With iVend 6.4 the dashboard functionality has been extended to the customer screen. Users can click the Dashboard icon on the customer screen to view the current customer statistics.

Goods Return

Following enhancements have been incorporated in iVend for Goods Return:

- A new setting has been provided in iVend 6.4 to restrict / allow the user from adding new product rows in the Goods Return document if the document is based on a Good Receipt Purchase Order.
- A new validation has been incorporated to restrict the user from modifying the item price if the item being returned is based on a Goods Receipt Purchase Order document.
- In previous versions of iVend, a Goods Return based on a Goods Receipt Purchase Order would integrate to SAP Business One as a baseless Goods Return document. With iVend 6.4 the Goods Return in SAP Business One will be based on the corresponding Goods Receipt Purchase Order.

Globalized On-Screen Keyboard

The onscreen keyboard on iVend POS has been replaced with a new multi-language keyboard in iVend 6.4. The new keyboard can be configured to allow the user to switch the keyboard language at run-time enabling data entry in multiple languages.

Suggested Printing of Labels after Price Change

Whenever store pricelists are updated the store users are required to reprint the item labels. This functionality eases the re-printing of labels by suggesting a list of products for which the prices have changed since the last label printing.

Label printing is further enhanced to print labels based on In Stock quantity of an item.

Button Panel Enhancements

Several enhancements have been incorporated in quick button panel functionality. With iVend 6.4, users will be able to define the size of the button panel. The button panel can be configured to occupy up to 60 percent of the transaction screen. Moreover the number of button that would appear on the button panel can also be specified. This gives more control to the user as the user can now resize the buttons on the button panel according to their needs.

User can additionally configure the button panel to display the available quantity and item price. The Font color on the buttons can as well be configured.

Transaction Screen on POS

A new set of settings has been added to the Retail Profile in iVend 6.4 to show / hide columns in the main transaction screen on the POS.

Customer Facing Display on POS

A new set of settings has been added to the Retail Profile in iVend 6.4 to configure the customer display. These settings control the following aspects of the customer display:

- Show / Hide columns on Customer Display
- Adjust Row height
- Adjust Font Size

- Show / Hide payment detail information
- Show / Hide transaction receipt view

New Skin

The default skin for Management Console and POS has been replaced with a new Metro style skin. This gives a fresh look to the user interface.

Management Console Menu

The Management Console menus and menu items have been restructured in iVend 6.4 under the following 3 categories:

- Administration
- Operations
- Reports

A search function has also been added to the Menu structure to quickly search for the required menu item. This makes navigation easy.

Replication and Integration Monitors

With iVend 6.4, Replication and Integration monitors have been moved within the iVend Management Console. This will allow users to monitor the integration and replication queues from any machine running the management console application.

POS based Support for Payment Gateway

With iVend 6.4, Payment Gateway configuration can now be attached at the POS level.

Tax Condition Setup

The Tax Condition Setup has been enhanced in iVend 6.4 to include up to 3 attribute / attribute values and 3 UDF values per definition.

Multi-Language Item Description

With iVend 6.4, users will be able to define alternate product description in different languages. Based on the language attached to the POS user:

- The products can be searched on the alternate product description defined for that language.
- The product search results will display the product description for that language
- The main transaction screen will display the product description for that language
- The alternate product description can be printed on transaction receipt.

Coupon Enhancements

The coupons functionality has been enhanced in iVend 6.4. Coupons can now be issued automatically to the customer based on the transaction total by configuring them under promotions. The coupon value can be a fixed amount or a percentage of the transaction total.

e-Receipts

With iVend 6.4, the transaction receipt can be emailed to the customer. This functionality requires the user to develop a transaction receipt template using the iVend Report Designer. The transaction receipt template is attached to the retail profile.

Datacap Pin Pad Enhancements

Pin pad integration with UIC 795 has been enhanced to support swiping of gift cards on the terminal. This removes the need of having a separate MSR for swiping the gift cards in case user is already using the UIC 795 for swiping the credit cards. Signature captured on UIC 795 is also integrated with iVend.

System Information

On completion of the End of Day procedure at stores the application will automatically collect system parameters such as Database Size, Free Disk Space, Top Tables by Database Space, Last Database Backup, Last Database Consistency Check, etc and replicate this to the iVend Enterprise for remote monitoring. This information can be accessed by executing a system query - **Store Server Performance Report** from the iVend Query Manager.

SAP Business One 9.1 Integration

iVend 6.4 will support integration to SAP Business One 9.1. The integration has been extended to Branch Management in SAP Business One 9.1.

Stock Transfer Document Cancellation

With iVend 6.4, users will be able to cancel Stock Transfer Documents created from SAP Business One and Stock Transfer Documents created from iVend store for the general warehouse.

Restrict Duplicate Barcode on Product

A new setting has been provided in iVend 6.4 to restrict the user from defining the same barcode on more than one product. This setting is turned off by default.

Scan to define Product Barcode on Product Card

With iVend 6.4, scanning a product barcode on the product card screen would populate the barcode into the UPC Code field. This avoids manual entry of UPC Code on the product card.

End of Day Process

A new setting has been provided in iVend 6.4 to restrict the user from setting a past date as the next business date.

Customer Code on Transfer Order

Customer code field has been added to the Stock Transfer document keeping this in line with the SAP Business One stock transfer document.

Comments on Goods Receipt PO

While creating a Goods Receipt PO based on a Purchase Order, the comments on the Purchase Order document are automatically copied to the Good Receipt PO document.

Historical Transaction Import

The Data Import functionality in iVend will now support importing of historical sales transactions. This functionality is especially useful when migrating from a legacy system to iVend Retail. This will allow the POS users to perform sale refunds based on the imported historical transactions. The sale transaction reports will also consider the imported

transactions. Historical transactions can only be imported before the first transaction is performed on the POS.

Product Import

The Data Import functionality in iVend has been enhanced for product imports. The product import template can now include multiple comma-separated values for Alternate UPC Codes and Product Attributes. The import template can also include Item Cost.

Collect Rounded Amount as Donation

A new setting has been provided in iVend to round the transaction total to the next dollar and collect the rounded amount as donation.

Import Purchase Order items

Import functionality has been provided on the purchase order screen to import purchase order items from a text file. The import text file can include product code, quantity, price and tax code.

Export Configuration Settings

This feature will enable the user to export the configuration settings from an iVend Enterprise which can then be imported to a fresh iVend installation.

This feature can also be used to export the iVend configuration settings from UAT system and then can be applied to a Production system.

End of Day Procedure for Mobile POS

With iVend 6.4, the End of Day procedure has been extended to Mobile POS.

Mobile POS – New Hardware Support

Following new hardware are now supported by the iVend Mobile POS:

- Epson - M244A WIFI Receipt Printer
- Cash Drawer via Epson - M244A Printer
- Koamtac KDC 400 Sleeve with barcode scanner and MSR for iPhone and Samsung Galaxy S5
- Ingenico iSMP Payment Terminal (for Australia)
- Motorola TC55 – Touch Mobile Computer for Android Mobile POS

Quotation Transaction from Mobile POS

Quotation transaction type has been added to the iVend Mobile POS. A quotation created on the Mobile POS can be converted to Sales Order or Sale on the Mobile POS.

Sales Order Fulfillment from Mobile POS

A sales order booked in iVend via the Mobile POS or Terminal POS can be fulfilled via the Mobile POS. A new screen in the Management Console allows the user to create customer fulfillment packages and assign them to Mobile POS for fulfillment. The Mobile POS user can lookup delivery packages on Mobile POS along with their customer location on Google / Apple Maps. Pending payments against fulfillment can also be collected from the Mobile POS.

Item and Sale Attributes on Mobile POS

The Mobile POS application has been enhanced to record Item and Sale attributes while performing a transaction. Regular Expressions defined for Item and Sale attributes are also supported on Mobile POS

UDF Support for Customer Card on Mobile POS

The Mobile POS application has been enhanced to support UDFs on customer master. While creating / updating a customer on the Mobile POS, the user can record values in the customer master UDFs. Regular Expressions defined on UDFs are also supported on Mobile POS.

New Payment Types on Mobile POS

With iVend 6.4, the Mobile POS will additionally support the following payments types:

- Foreign Currency
- Customer Tender

Gift Card Transaction on Mobile POS

With iVend 6.4, the Mobile POS will support the following Gift Card transactions:

- Gift Card sale
- Gift Card re-charge
- Gift Card cash back

Coupon Enhancements on Mobile POS

With iVend 6.4, users can issues coupons to customers from Mobile POS that can be printed on receipt and / or can be emailed to the customer.

Loyalty Customer Registration on Mobile POS

With iVend 6.4, the Mobile POS application has been enhanced to support registration of loyalty customers.

Catalogue View on Mobile POS

With iVend 6.4, the Mobile POS application will include a catalogue view for product selection.

Touch ID support for IOS Devices

With iVend 6.4, the Mobile POS application has been enhanced to support Login using Touch ID on Apple IOS Devices.

iVend 6.2.5 – October 2014

Enhancements

UoM Support for Batch Controlled Items

UoM support is now extended to Batch Controlled items also. System users will now be able to create inventory transaction documents along with the sale documents in different UoMs even for the batch controlled items.

Increase in Sales/Item Attributes

The current limit of 10 attributes is enhanced so that user can now collect up to 25 attributes on the sale and line level. This would help the users to gather more custom information from the customer while performing the transaction at POS.

Expiry Date Management for Batch/Serial Controlled Items

Expiry date for the batch/serial controlled item can be made mandatory in the system. This setting is available on product card and is defaulted from the enterprise settings. Making an expiry date as mandatory for a product in iVend would ensure that the user have to enter the expiry date for every batch while doing a goods receipt.

Goods Receipt against Purchase Order Enhancements

Comments entered while creating the purchase order is now copied to the Goods Receipt document also. Additionally a setting on the Enterprise Setup if provided, based on which behaviors of the cost column in GRPO screen can be controlled.

SAP Business One Integration Enhancements

Inventory Reconciliation

iVend would post the inventory reconciliation documents in SAP Business One using the current cost of the products. The goods receipt document created by inventory reconciliation when posted in SAP Business One would pick the item cost if they are being posted at the 0 price.

Goods Return

Goods Return created from iVend against the GRPO done in iVend would integrate as a goods return document in SAP Business One having the original GRPO as the base document.

SAP Business One iVend Add-On Enhancements

Batch Selection Window - Sorting

User can sort the available batches based on the batch number, expiry date and the available quantities.

Batch Selection Window – Auto Selection

Auto Select button is provided so that the batches would automatically be selected based on the applied sorting

Issues Fixed

- iVend APIs: Fix in iVend API for handling UDF list on the product in case more than one UDF is created on the product card.

- POS: If while saving the customer record an error comes then user has to close the form and enter the details again in order to save the changes.
- POS: Issue fixed with rounding of the change amount in case the rounding is set to round to 1.
- Management Console: Double clicking the search grid should not close the form if it is not opened from another form. For e.g. if the product search form is open from the main menu of management console then double clicking the selected row will open the product card and would not close the form.
- POS: System takes longer time to process the transaction in case multiple promotions are defined in the system (more than 25).
- POS: While entering the credit card number in the payment screen, masking is not being applied.

iVend 6.2.4 – Aug 2014

Enhancements

iVend APIs

iVend APIs have been updated and enhanced for iVend Mobile POS integration.

Transaction Type Support

Support for the transaction type is provided on product card for each warehouse. Using this functionality admin would be able to control the product behavior per store location. Admin can mark a product as purchase or saleable based on the store.

Multicurrency Payments Integration with SAP Business One

With iVend POS 6.2.4, custom tender payments received in foreign currency at the POS can now be integrated to G/L accounts in SAP Business One in the currency in which it is received at POS.

Issues Fixed

- POS: While scanning the customer's loyalty card on the POS, system shows the loyalty customer change message however it does not change the loyalty customer on the transaction.
- POS: POS does not allow the transaction to be done if the loyalty is enabled on the store and the POS is not able to connect to the loyalty server.
- POS: Transaction consolidation job fails and display an error. This issue is faced by the users who are using transaction consolidation feature of iVend and are on iVend 6.2 version.
- POS: While adding the item in transaction by item scan, system takes a while before the product is added in the transaction. This behavior is observed in case user has defined multiple promotions in the system.
- POS: Print button is not appearing on the purchase order report when a purchase order is generated from a Franchise Owned Franchise Operated (FOFO) store.
- POS: While clicking on "Clear Receivable" button on Goods Receipt Purchase Order (GRPO) screen system gives an error "*Details not defined*".
- POS: While doing the partial receiving on inventory in GRPO, system updates the inventory by the ordered quantity instead of what is being received.
- POS: Change amount was not calculated properly in case a rounding method is applied on the payment type in iVend.
- POS: While doing the inventory counting of batch controlled items using the file import functionality, system does not update the counted quantity with the imported quantity and only increases the quantity by 1.
- Reports: Store Id and Store Description fields are not printing on the Cash In and Cash Out reports.
- Integration: Digital signatures captured at POS while taking the payments are not integrating with SAP Business One. This issue is faced by the users using iVend 6.2 integrated with SAP Business One 8.82.
- Integration: While integrating the goods receipt document created at store with SAP Business One, integration service throws an error "*Header level warehouse location is different from line level warehouse – location*". This issue is associated only with the users who are using SAP Business One 9.0 with India localization.

- Integration: While integrating a refund transaction done at the COFO (Company Owned Franchisee Operated) store with SAP Business One, integration service shows an error *"Input string is not in a correct format"*.
- Integration: While integrating an edited sales order transaction with SAP Business One, integration service shows an error *"System Exception: DI: 480000058 Expense Code is duplicated"*. This error comes only if a surcharge is applied on the sales order which is being edited at iVend POS.
- Integration: Payment in SAP Business One does not show the last 4 digits of the credit card number for the payments taken from credit card at POS.
- Reports: System gives an error *"Error encountered in application"*, in case the single quotes are used in the search option while generating the reports from iVend.
- iVend Add-on: While doing a goods receipt in SAP Business One for the stock transfer created from iVend, system shows an error *"Cannot add the document without complete selection of serial/batch number"* if the batch managed item is taken more than once in the stock transfer document.
- iVend Add-On: Sorting on the columns is not working properly on the requisition worksheet with SAP Business One.
- iVend Add-On: Search filter is not working properly in the requisition worksheet within SAP Business One.

iVend 6.2.2 – Aug 2014

Issues Fixed

- Sales report were taking much longer to generate an output.

iVend 6.2.1 – July 2014

Enhancements

iVend APIs

iVend APIs have been updated and enhanced for iVend Mobile POS integration.

RTL Support for Arabic Language

RTL support for Arabic language has been restored in this release.

Business partner on Stock Transfer

Business partner information can now be captured on the Stock Transfers created from iVend. This information is also integrated with SAP Business One on the relevant SAP Business One stock transfer documents.

Custom Tender Attribute Details Integration

Attribute details defined and captured for a custom tender can now be integrated to SAP Business One. For integrating these attributes to the payment document of SAP Business One user must define the Attribute Id same as the UDF field name defined in SAP Business One.

Restricting Receipt Printing Before Transaction Completion

A new setting “Enable Printing For Transaction Preview” has been added to the Retail Profile screen, which when Un-Checked will restrict users from printing the receipt before a transaction is completed at the iVend POS. This setting is Un-Checked by default.

Item Cost Audit

An audit log for item cost update can now be viewed from the inventory item view while the user access the screen in “View” mode. Clicking the Show Audit button on the screen will allow the user to expand the view for details.

Expiry Date in Batch Selection View

Expiry date column has been added on all the batch selection screens.

Custom Payment Attributes

It is now possible to define same payment attribute on multiple custom payment types defined in the system.

Thermal Receipt Enhancements (XML Receipt)

It is now possible to print the transaction id of the base document in case of a refund transaction.

Also it is possible to print the consolidate line item quantities in case the item is scanned multiple times in a transaction.

Import/Export of Merchandise Hierarchy on Products

The product Import/Export functionality in iVend has been enhanced to allow users to attach Merchandise Hierarchy to products.

Issues Fixed

- Manager Override session was getting started when the manager override was done for the re-printing of the receipt.
- Batch expiry information was not integrating with SAP Business One for the Goods Receipt PO document created from iVend.
- Crystal based Z Report was not printing the sale totals.
- On search screen user had to press the Enter key on the virtual keyboard before pressing the Search Button (F1 Key) to return results.
- On scanning the serial number, the system does not display the product selection screen in case the scanned serial number is defined for more than one product.
- UDF with valid values in SAP Business One were populating duplicate values in iVend when the valid values were being updated in SAP Business One.
- Item attribute information was not integrating with SAP Business One in case of AR Reserve invoice.