RxSolution software Updates

Version to be released 1.3.0.150

Product Selector for all transactions

* Bin Location column added to look up grid.

General

* On program start up; Server date is checked against the local system date. User is given a warning if they are different.
* Re-worked screen fits.
* Updated data grids. Black font against white background to make data grids more readable.
* One instance of the application is allowed to run on a machine.

System Users

* All changes to the user accounts details are logged. User edit history tab has been added to view and audit all those changes.
* The system allows the use of expiring user passwords. The system administrator can set the number of days a password stays active. To activate this feature set *tblSystem.ExpiringPassword\_bol = true* and *tblSystem.* *PasswordActiveDays\_int = (Number of days password should be active).*
* System can enforce password lengths.
* Users can be linked to a clinic. When a new patient profile is created; the default clinic will be the one linked to the system user adding the patient record.
* User accounts can be de-activated or activated and a reason for changing status can be added. Only active and authorised user names are available to be picked in transactions drop down lists.

Products

* The system allows the user to capture comments about a product. This feature is available in the product detail screen.
* User is warned if a Product is removed from Institutional EDL but it has been setup as a standard regimen.
* User can print barcodes for each product.
* If a Product is removed from Institutional EDL, it will automatically be removed from any Demander Authorized Items lists that it appears on if user confirms it.
* The system captures any changes to the Description/Price/ECN/ICN/NSN/Bin Location/Institutional EDL/ Group1&2/Order Type/Shipping Pack of any product.
* Product edit history is available to view from the products main form. This can be accessed from the product detail screen by clicking on the pencil pop up menu and selecting the Product History option.

Requisitions

* Requisitions can be captured using barcode scanners. This option is in the requisition detail screen by pressing the F3 short-cut.
* The system automates the transaction dates for Requested, Authorised, Issued and Received By columns. These dates are defaulted to the date of the transactions is made and only when a corresponding drop down value is selected.
* System allows electronic imports of Purchase Orders from other facilities that use RxSolution.

Receipts

* Receipts can be captured using barcode scanners. This option is in the receipt detail screen by pressing the F3 short-cut.
* System allows for unidentified barcodes that are scanned for the first time to be saved onto the product catalogue.
* System now checks the sum of multiple batches for completeness.
* Automated transaction dates for Received and Checked By fields. These dates are defaulted to the date of the transactions is made and only when a corresponding drop down value is selected.
* System checks all items for completeness (when multiple batches are have been used) when posting the transactions.

Orders

* VEN field is available on the Orders Grid and also on the custom Order printout.
* User can export purchase order text files that can be used at Control Tower/PMPU to import orders from facilities electronically. This is logged in the order edit history.
* Voucher reference number included in the Electronic output order file and report printout.

Stocktaking

* System now has a Posted date for each stocktake that has been posted on the system.

Protocols

* Changes to the protocol details are logged. Edit history on protocols is available to view.
* User can use a Copy function to replicate an existing Protocol.

Prescription

* Prescription date can be configured to be editable or not in the system settings. This option is available when *(tblSystem.nonEditableRxDate\_bol = true).*
* System allows the user to capture a reason for removing an item when deviating from set protocol. This option can be activated by setting *tblSystem.requestPinBeforePostRx\_bol = true*.
* User cannot make changes to Protocols or Standard Regimen from the prescription function. This avoids errors begin made by new users to the system.
* A user that has been set as a dispenser only and not prescriber will not be able to update prescribing information. This allows for the separation of duties in the system.
* A user that has been set as a prescriber only and not dispenser will not be able to update dispensing information. This allows for the separation of duties in the system.
* Patient Active filter under Prescription Module search is defaulted to True.
* On patient visit. Flag if patient has visited any clinics in the past.
* Max number of repeats is limited to 6.
* Storage Parameters of a product (captured Product profile) can be displayed on dispensing label. This is made available when configuring a custom label.
* Posted date of Prescription is now available.
* System allows the user to select null values for drop down lists. Use a key combination of Ctrl+N to deselect a value from a drop down list.
* Do not allow user to print a prescription if it has not been posted. This system setting is set internally by setting *tblSystem.postRxBeforePrint\_bol = true.*
* Next Visit Date field is available for printing in the Patient Address Label.
* System defaults Dispenser details in a new prescription if logged on user has been linked to a Dispenser.
* System defaults Prescriber details in a new prescription if logged on user has been linked to a Prescriber.
* Selected demander address information is available to print on prescription labels.
* Request password before posting prescription. This system setting is set internally by setting *tblSystem.requestPinBeforePostRx\_bol = true*.
* Next Visit Date is defaulted to next repeat date.
* Input number duplication problem fixed when adding new item to dispense.

Patient

* User can view patient edit history log details.
* User can add a reason when changing Active patient status.
* Patient grid has Date of Birth and ID/Passport number columns added.
* Patient Label and barcode label revised and customizable.
* Patient Medical Aid details can now be captured.
* Biometric Meniko integration. Biometric enrolment and verification can be done on the system. To activate this feature you’ll need the necessary DLL files and the four in one biometric machine provided by Meniko.
* Patient edit history can now capture changes to patient name, foreigner, IPN, PAS and deceased date.
* Patient visits to the facility can be recorded.
* Patient notes or comments can be recorded.
* Patient detail label and barcoded labels can be printed.
* Adherence: Date of Birth field has been fixed to show the correct patient Date of Birth.
* Anthropometrics: Show editable pulse, blood glucose, urine test, respiration and haemoglobin fields on the grid.
* Anthropometrics: Use two lines to capture longer columns like 'Urine Test'.
* Delta9 Integration. Install the Delta 9 DLL files provided using regasm.exe found in your .Net Framework folder. This can be activated in System Settings under Integration Settings. Set (*tblSystem.delta9PatientIntegration\_bol= true*) to enable feature and install .Net Framework 4.5 as a prerequisite.
* Integrated PAAB Interface. Install the RxPaabInterface DLL files provided using regasm.exe found in your .Net Framework folder. This can be activated in System Settings under Integration Settings. Set (*tblSystem.PAABPatientIntegration\_bol = true*) to enable feature and install .Net Framework 4.5 as a prerequisite. To use the PAAB interface refer to additional notes on the installation.
* User settings to access PAAB can be set in Local Settings.

Prepacking

* User can print customizable product labels. Number of labels is defaulted to the actual number of products packed.
* System warns the user if the actual yield quantity and the calculated expected yield are different.

Home Screen

* Logo updated.
* Database Connect quick link button removed from main screen.

Demander Stocktaking

* Demander name was not updating properly on front main view.

System Setting

* System changes logged; Main system and Account details. The list of changes can be viewed in the System Edit Changes tab.
* User cannot delete system account details. Delete button on the accounts tab has been removed.
* Add a system feature to allow user to customise whether to use last date of the month or captured date. (*tblSystem.useExactDayForExpiryDate\_bol= true*)
* Copy Rx function updated and fixed.
* Local machine settings can now be edited separately from the system settings. Only authorised users can access and edit Local Settings.
* Printers.ini file has been will no longer be found in the root folder of C:\ drive. The operating system will determine the destination folder.
* A facility to edit product barcodes has been added.
* Log changes for System details and System Accounts.
* User cannot delete an existing account.

Help File

* Help file re-instated in RxSolution

Batch Dispensing

* Print out updated; Prescription print out now includes patient ID number.

Version 1.2.2.3929

Orders

* (Budget Model)Allow user to do orders by demander(clinic) (Budget Model)
* (Budget Model)Add a drop down list with active demanders ordered by demander name. This should only be available if they system is in Budget Model mode.
* (Budget Model)Update the RDM file creation process to use the Demander account instead of the system account in Orders
* (Budget Model)Allow the user to enter the quantity on hand for each demander item ordered. Each quantity should default to 1. (1 indicates that the quantity on hand hasn’t been entered by the user)

Receipts

* (Budget Model)Show the Demander for which a receipt is being made for. Make this field un-editable.

Requisitions

* (Budget Model)Disabled RDM file creation function (Function is no longer available for the user from the detail menu) (This is no longer necessary for the Free Sate because we have decided to use the Orders instead of Requisitions for the people using the budget module in the Districts)

Prescribers, Dispensers and Patients

* Dispenser and Prescriber cannot be deleted “willy-nilly”
* When adding a patient, prescriber and dispenser; last name, first name and numbers (IPN for patients) have been made mandatory. Ok button will only be activated once they have all been provided.
* If prescriptions and other things (child tables) are added are also added and cancel button is clicked. The new patient, prescriber or dispenser and all the other related things will not be added to the database.

Down Referral

* SPS logo has been added to all reports.
* View\_vol\_Batch\_RxPicklist view has been modified. The prescriber levels were taken from a wrong table, but this was corrected.

Demanders

* Improved loading speed. To view authorised demander items; the user must now click on ‘View Authorised Items ’ button

Demander Transfers, Returns from demander, Returns to supplier, Stocktaking, Orders, Requisitions, Receipts, Prepacking and Quotations.

* System close buttons have been removed.
* Screen fits have been checked for most resolutions.

Returns from demander

* Enabled printing after posting transaction in the detail screen.

Products

* Bin location – increase the size of the Bin location code field to 10 characters.

Main Settings

* Bin location look up list – increase the size of the Bin location code field to 10 characters.

System Users

* Prescriber/Dispenser drop down lists: Allow null once selection from selection has been made. Use Ctrl+N.

Version 1.2.2.3700

Demander Transfers [New module]

* New module to move stock between two demanders.

Quotation

* New Quotation module. Quotations can be created with item selling price adjusted with Selling prices bases on VAT and mark ups.
* Posted quotation can be made into a Requisition

Repacking / Prepacking [New module]

Stocktaking

* All reports have the Difference Quantity column

Requisition

* Reports: Size of hospital name has been readjusted; dropped in size to fit.

Orders

* Interface with RDM ordering system. This produces a text file which can be loaded into the RDM system.

Returns from Demander

* Return products by Requisition reference.

Returns to Supplier

* List of items can be generated from Posted Invoice/Receipt list.

Prescription

* Each time prescription is cancelled, the active\_bol field is set to False
* Next visit field has been added
* Patient location (Script original)

Patient

* Religion field has been added
* Patient ID number and classification have been added to general patient grid list.

Complex Manager

* This module is used to manager Sites, sites department, ward area and patient beds.

Connection settings

* Password is now masked for security reasons.

Version 1.2.2.3124

Prescription

* Trailer label: patient date of birth has been added.
* Prescription source location can be captured for each prescription

Orders

* Corrected ordering quantity. Simplified version used (Items to order QtyOnHand + QtyOnORder < Min(Product)

Prescriber, Dispenser

* French language files updated.

User Administrator

* User position field is now a drop down list. This is useful in RxPIMS for user logins.

Version 1.2.2.3070

Help

* New help file has been created. (\Help\RxSolution.chm)

Product

* Auto calculate On hold/on order routine has been removed. On Hold and on order quantities are not stored anymore but calculated at run time.

Returns to Demander, Returns to supplier, Receipt, Stocktake

* Detail window fit adjusted
* Add another batch item hotkey changed to F2

Version 1.2.2.3055

Receipt

* User has the ability to load custom receipt report at run time.

Order

* Fix on Draft report which had an incorrect Qty on Hand.

Batch Dispensing

* Product list report was not printing right quantities.

Version 1.2.2.2997

Receipt

* Order Number Ref sometimes changes to another. Problem fixed

Version 1.2.2.2996

Receipt

* Detail window fit fixed

Requisition

* Detail window fit fixed

Version 1.2.2.2971

Product

* Product edit history.
* Batch Products sorted in date of expiry order in product detail.

Demanders

* Demander items product edit history.
* Automatic calculation of max levels on demander items.

Users

* Users can each be linked to one demander on the system. This limits them to view only one demander when doing Requisitions. The default value for this field in the database is integer 0.
* Position field is now a drop down list. The different values (Administrator, Receptionist, Nurse, Doctor, Data Clerk) are used as profiles in APMR.
* The drop down list for User Positions can be edited in Posts found in System settings.

Requisitions

* Vat and mark-up percentage added to the total cost of requisition items.

System Settings

* Ability to switch language files. Only the French and English language files are available at this moment.

Patient

* Patient status edit history (Active, classification, Temporary fields). System now keeps a log of changes to these fields.