

# Chapter 4

## Products

### **This chapter—**

- Familiarizes the user with RxSolution's product list, from how a new product is added to how an existing product can be changed or deleted
- Describes how to do a variance on a product
- Explains how RxSolution can be used to assist in a facility's stock management
- Explains how to calculate suggested stock levels based on consumption
- Describes how to create a product budget
- Describes how UnLock a Locked Product



## Understanding the RxSolution Product List

The products section of RxSolution can be used to—

- Display a profile of the stock kept in a facility
- Provide a detailed description of a selected product
- Calculate stock levels
- Adjust reorder levels
- Provide information on contracts and finances

### ***What Is the Product Catalog?***

The **Product Catalog** is a detailed list of all the products in RxSolution. The list of products is normally compiled from the national essential medicines list (EML)/essential drugs list (EDL) or the facility's formulary or normal stock list. In RxSolution the EML/EDL is the default list displayed whenever you click on the **Products** icon on the toolbar. This list includes both pharmaceuticals and nonpharmaceutical products such as test kits, surgical items, and similar products.

### ***How Do I Get to the Products Screen?***



1. Click on the **Products** icon on the toolbar.
2. The **Product Catalog: [Institutional EDL]** screen will appear.

### ***What Does the Products Screen Look Like?***

The **Product Catalog: [Institutional EDL]** screen has the print icon to the far left and the navigation buttons below the print icon. The list of products contains the following information for all products—

- Codes, including the product code number, the internal code number (ICN), the national stock number (NSN), and the external code number (ECN) (see Tables 4-1 and 4-2)
- Descriptions, including the product name, type, and dosage amount, as well as the cost per pack
- Stock status, including how much of an item is on hand or ordered, where the stock is located, and the reorder status

RxSolution 2006 [1.2.2.418] (ADO[2.82.3959.0])

File Edit View General Store Dispensing Tools Help

Exit Log Off Home Page Products Demanders Suppliers Requisitions Orders Receipts Prescribers Dispensers Patients Prescriptions Down Referral

PRODUCT CATALOG: [Institutional EDI]

Drag a column header here to group by that column

Code	ICN	ECN	NSN	Description	Pack Cost	On Hold	On Hand	Ordered	Bin	Re-Or...
CP753911940147	2566			Zidovudine, Lamivudine, Efavirenz 300/150/600mg Co-Pack; 30	\$0.00	0	0	0	1120 ARV	A
L3005004610112	2543			Abacavir 20mg/ml Liquid, Internal; 240 ml [PO]	\$100.00	0	0	0	0 ARV	A
L3406002330028	2540			Lamivudine 10mg/1ml Liquid, Internal; 100 ml [PO]	\$16.70	0	0	0	140 ARV	A
L3406002330112	2541			Lamivudine 10mg/1ml Liquid, Internal; 240 ml [PO]	\$48.50	0	100	75	ARV	A
L3423608930216	2548			Lopinavir, Ritonavir 80mg/20mg/ml Liquid, Internal; 60 ml [PO]	\$41.10	0	0	0	0 ARV	A
L3491202330028	2543			Nevirapine 10mg/1ml Liquid, Internal; 100 ml [PO]	\$19.87	0	0	0	0 ARV	A
L3491202330112	2544			Nevirapine 10mg/1ml Liquid, Internal; 240 ml [PO]	\$48.50	0	128	317	ARV	A
L3491202330113	2547			Nevirapine 10mg/1ml Liquid, Internal; 25 ml [PO]	\$11.15	0	100	0	ARV	A
L3606009320246	2551			Ritonavir 80mg/1ml Liquid, Internal; 90 ml [PO]	\$80.22	0	0	0	0 ARV	A
L3753502330028	2545			Zidovudine 10mg/1ml Liquid, Internal; 100 ml [PO]	\$15.70	0	270	120	ARV	A
L3753502330090	2546			Zidovudine 10mg/1ml Liquid, Internal; 200 ml [PO]	\$38.50	0	140	0	ARV	A
L6645603830090	2542			Stavudine 1mg/ml Suspension; 200 ml [PO]	\$67.57	0	200	0	ARV	A
T0212505020147	2569			Didanosine 250mg Capsule; 30 Capsule [PO]	\$0.00	0	25	30	ARV	A
T0212506420147	2560			Didanosine 400mg Capsule; 30 Capsule [PO]	\$0.00	2	38	30	ARV	A
T0238704430246	2522			Efavirenz 200mg Capsule; 90 Capsule [PO]	\$272.82	0	160	480	ARV	A
T023870470147	2524			Efavirenz 50mg Capsule; 30 Capsule [PO]	\$3.47	0	140	0	ARV	A
T0238707980147	2521			Efavirenz 600mg Capsule; 30 Capsule [PO]	\$28.50	1	130	700	ARV	A
T0368306420260	2535			Indinavir 400mg Capsule; 180 Capsule [PO]	\$43.32	0	8	0	ARV	A
T0423609040260	2537			Lopinavir, Ritonavir 133.3/33.3mg Capsule; 180 Capsule [PO]	\$41.10	5	20	0	ARV	A
T0608602100216	2532			Ritonavir 100mg Capsule; 60 Capsule [PO]	\$9.59	0	0	0	ARV	A
T0608602100243	2553			Ritonavir 100mg Capsule; 84 Capsule [PO]	\$9.59	0	0	0	ARV	A
T0614004430269	2539			Saquinavir 200mg Capsule; 270 Capsule [PO]	\$540.08	0	0	0	ARV	A
T0645604520204	2525			Stavudine 20mg Capsule; 56 Capsule [PO]	\$37.83	0	0	0	ARV	A
T0645604520216	2514			Stavudine 20mg Capsule; 60 Capsule [PO]	\$37.83	0	0	0	ARV	A
T0645605790204	2526			Stavudine 30mg Capsule; 56 Capsule [PO]	\$37.83	0	0	0	ARV	A
T0645605790216	2515			Stavudine 30mg Capsule; 60 Capsule [PO]	\$28.08	0	525	215	ARV	A
T0645606500204	2527			Stavudine 40mg Capsule; 56 Capsule [PO]	\$37.83	0	0	0	ARV	A
T0645606500216	2516			Stavudine 40mg Capsule; 60 Capsule [PO]	\$68.00	0	270	180	ARV	A
T1005005700216	2531			Abacavir 300mg Tablet; 60 Tablet [PO]	\$468.02	0	10	0	ARV	A
T1212502100216	2533			Didanosine 100mg Tablet; 60 Tablet [PO]	\$101.33	0	10	0	ARV	A
T1212503190216	2534			Didanosine 150mg Tablet; 60 Tablet [PO]	\$140.40	0	14	0	ARV	A

Products : 42

## Using RxSolution for Facility Stock Management

### How Do I Access a Detailed Description of a Particular Product?



1. Click on the **Products** icon.
2. Double click on the product required. For example, in the screen above, “Lamivudine 10 mg/1 ml Liquid, Internal, 100 ml PO” has been highlighted. To select this product, double click on that highlighted entry.
3. The following screen appears—

PRODUCT CATALOG: Institutional EDI

Codes ☒ Include Trade Name or Other Name in Description Description EXCLUDE Generic name from descr

Product: **L5406002330112 Lamivudine (3TC) 10mg/1ml Solution, Internal; 240 ml [PO]**

ICN 3774 Generic Name ☒ Lamivudine Code

ECN PHC Strength/Size ☒ 10mg/1ml

NSN 1802050268T Form ☒ Solution, Internal

FIN Pack Size ☒ 240 ☒ ml

Product Type ☒ Drug ☐ Med. ☐ Other

Administration Unit ☒ per ml

Institution ☒ Bin Location CA Contract

Order Type ☒ Depot ☐ DDV ☐ Buy Out ☐ Internal

Shipping Pack 1 X 240 ml

Pack Stock Profile Stock Ledger Financial Contract Variance Dispensing Batches

Stock Levels

Stock	Pack	Cost
On Order	0	\$0.00
On Hold	72	\$0.72
Pack On Hand	252	\$2.52

Available 180 Mark Up % 0.00

Projected 180 Selling Price \$0.01

Re-Order & Formula

Re-Order Levels			Formula Status		
Auto	Current	Suggested	Institution	Level	
Safety	44	29	Provincial	<input checked="" type="checkbox"/>	Level
Minimum	73	73	National	<input type="checkbox"/>	
Maximum	109	109	VEN		
Reviewed	07 Oct 2008	Calc	ABC	C	

Procurement

Procurement Period

Select

☐ A = 14 Days ☐ C = 60 Days

☐ B = 30 Days ☒ D = 90 Days

Default Lead Time

Select

☐ A = 7 Days ☐ C = 21 Days

☒ B = 14 Days ☐ D = 48 Days

Re-Order Status

Select

☒ Automatic ☐ Manual

☐ Budget

Schedule

Schedule 4

General

Units

Basic

Strength

Dispensing ml

Daily Defined Dose

Dose Unit

DDD

Storage Parameters

Temperature Refrigerated ☐

Conditions

Stock Restriction

Non Stock ☐ Status 1

Restriction

Classification

WHO

Classification

Level

A detailed description of the 16 parts of this product description window is provided in the sections below. The first nine topics provide essential product data—

- Product description and the RxSolution product code
- Other product code numbers
- **Generic Name**
- **Strength/Size, Form, and Pack Size**
- **Trade Name or Other Name**
- **Injectable** or **Paediatric** dosage form
- **Route, ATC, and Groups**
- **Product Type**
- **Order Type**
- **Institution, Bin Location, Contract, and Shipping Pack**
- **Mark Up %**
- **Selling Price** (the cost price plus markup)

Additional information about the product is displayed on seven tabs on the bottom half of the screen—

- **Pack Stock Profile** tab
- **Stock Ledger** tab
- **Financial** tab
- **Contract** tab
- **Variance** tab

- **Dispensing** tab
- **Batches** tab

### Product Description and the RxSolution Product Code

Product **L3406002330028** **Lamivudine 10mg/1ml Liquid, Internal; 100 ml [PO]**

RxSolution automatically generates a unique code for each product entered in the system. Table 4-1 describes the components of this code.

**Table 4-1. Components of Rx Solution Product Code**

Component	Definition
L3	Denotes the form of the product—in this case a liquid
4060	The code of the generic name of the product—in this case, lamivudine
0233	The code for a product with a strength of 10 mg/1 ml
0028	The code for a pack size of 100 (ml)

### Other Product Code Numbers




In addition to the product code assigned by RxSolution, each product has four other code numbers used for different purposes. The various code numbers of the product are displayed in this section of the screen and are defined in Table 4-2.

**Table 4-2. Other Product Code Number Definitions**

Term	Description
<b>ICN</b>	Item Control number—generally, the code that is provided by the supplier of the product
<b>ECN</b>	Extended Control number—the number allocated to the product by the province or other level of the health system
<b>NSN</b>	National stock number—mandatory for all products in some countries, e.g., South Africa
<b>FIN</b>	Financial code—the financial code for a product

### Generic Name, Strength/Size, Form, and Pack Size

Generic Name
Strength/Size
Form
Pack Size

The generic name, strength or size, form, and pack size are displayed in this section of the screen. You can select an existing entry by clicking on the down-facing arrow to the right of the field name. If you need to add or edit an entry, click on the  button beside the field name.

### Trade Name or Other Name



RxSolution provides the option of including a trade name or excluding the generic name in the product description. The **Trade Name or Other Name** field can also be used for the generic shorthand (e.g., using PZA for pyrazinamide). Information entered in this field will appear under the **Supplement** column in the Product Catalog. Excluding the generic name is often necessary when the product name is complicated or too long, or both, as in the case of total parenteral nutrition (TPN) and combination products such as oral contraceptives. The use of a supplementary name helps improve readability and simplifies the product name.

Select or deselect these options by clicking in the check boxes (see red arrows above) located at the top of the product description window.

### Injectable or Paediatric Dosage Form

Injectable	<input type="checkbox"/>	Paediatric	<input type="checkbox"/>
Price	R 40.37 /	100	Tablet

Other details include whether the product is an injectable or a pediatric dosage form. These are indicated by selecting the check box. This option is useful for reporting purposes.

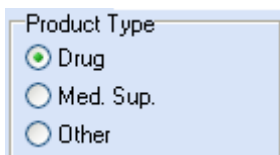
### Route, ATC, and Groups

Route	SC
ATC	A10
Group 1	30
Group 2	DEPOT PHAR

The **Route** denotes the route of administration of the product (e.g., PO = per os = oral). The options are defined in the **System Defaults**. Click on the drop-down list next to the route to display the options available, and then click on the appropriate option to select it.

The classifications that may be used are **ATC**, **Group 1**, and **Group 2**. The ATC classification stands for the anatomic-therapeutic-chemical classification used by the World Health Organization (WHO). The grouping options are defined in the **System Defaults** and are used mainly for reporting purposes. Group 2 can be used to define suppliers to facilitate purchase orders.

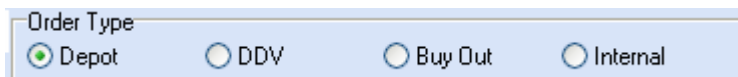
### *Product Type*

A dialog box titled "Product Type" with three radio button options: "Drug" (selected), "Med. Sup.", and "Other".

Product Type	
<input checked="" type="radio"/>	Drug
<input type="radio"/>	Med. Sup.
<input type="radio"/>	Other

A product may be categorized as a drug, a medical supply, or “other” for data sorting and reporting purposes.

### *Order Type*

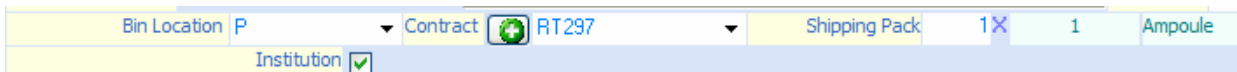
A dialog box titled "Order Type" with four radio button options: "Depot" (selected), "DDV", "Buy Out", and "Internal".




Order Type	
<input checked="" type="radio"/>	Depot
<input type="radio"/>	DDV
<input type="radio"/>	Buy Out
<input type="radio"/>	Internal

Select the order type to indicate how the product is acquired. This classification is helpful for reporting purposes. Products can be ordered in four different ways—

- From a **Depot**.
- By **DDV**. Direct Delivery. A depot buys on the facility’s behalf, and stock is delivered directly to the facility.
- By **Buy Out**. You purchase directly from another supplier.
- **Internal**. Products are prepared, manufactured, or both, internally (e.g., pre-packs or items that are manufactured extemporaneously such as creams or ointments).

### *Institution, Bin Location, Contract, and Shipping Pack*

A form with four fields: "Bin Location" with value "P", "Contract" with a green plus icon and value "RT297", "Shipping Pack" with value "1" and a red X icon, and "Institution" with a green checkmark icon. The "Ampoule" field is partially visible on the right.

Bin Location	P	Contract	 RT297	Shipping Pack	1 	1	Ampoule
Institution							

These four fields are defined in Table 4-3.



**Table 4-3. Institution, Bin Location, Contract, and Shipping Pack**

Term	Description
<b>Institution</b>	Check this box to signify that the product belongs to the facility's list (e.g., the hospital formulary).
<b>Bin Location</b>	The bin refers to the physical location (normally aisle and shelf) of the product. This information is essential for stock-taking and picking purposes.
<b>Contract</b>	The contract field refers to the contract number for purchasing.
<b>Shipping Pack</b>	Shipping pack information provides information about how products are packaged and shipped (e.g., 20 bottles of 200 ml each).

### *Pack Stock Profile Tab*

For pack stock profile information, click on the **Pack Stock Profile** tab. The tab will have a light yellow background to indicate that it has been selected.

The **Pack Stock Profile** screen looks like this—

The screenshot displays the 'Pack Stock Profile' screen with the following sections:

- Tabs:** Pack Stock Profile (selected), Stock Ledger, Financial, Contract, Variance, Dispensing, Batches.
- Stock Levels:**

Stock	Pack	Cost
On Order	0	R 0.00
On Hold	0	R 0.00
Pack On Hand	17	R 2,070.94

Available	17	Mark Up %	0.00
Projected	17	Selling Price	R 121.82
- Re-Order & Formulary:**

Re-Order Levels			Formulary Status	
Auto	<input checked="" type="checkbox"/>	Current	Suggested	Institution <input checked="" type="checkbox"/> Level 4
Safety	0	0	Provincial <input checked="" type="checkbox"/>	Level 4
Minimum	0	0	National <input checked="" type="checkbox"/>	
Maximum	0	0	VEN	ABC

Reviewed: 23 Nov 2010 Calculate Stock Levels
- Procurement:**
  - Procurement Period:** Select (A = 7 Days, B = 14 Days, C = 28 Days, D = 84 Days)
  - Default Lead Time:** Select (A = 7 Days, B = 14 Days, C = 21 Days, D = 48 Days)
  - Re-Order Status:** Select (Automatic, Manual, Budget)
  - Schedule:** Schedule 0
- General:**
  - Units:** Basic, Strength, Dispensing Capsule
  - Daily Defined Dose:** Dose Unit, DDD
  - Storage Parameters:** Temperature, Refrigerated, Conditions
  - Stock Restriction:** Non Stock, Status HSP, Restriction
- Classification:** WHO, Classification, Level

A product stock profile describes the maximum and minimum number of units of a product needed, as well as the safety level of the product required. The suggested levels indicated are suggestions only, based on consumption history as determined by the historical period recorded in the budget determination, and these levels *must* be verified each time stock is to be purchased. Stock levels influence how much stock is to be purchased when running an auto-generated purchase order, provided that the reorder status for the products is set to automatic. See Tables 4-4 through 4-6 for more details on other terms used in stock profile.

**Table 4-4. Stock-Level Terms**

<b>Term</b>	<b>Description</b>
<b>On Order</b>	The quantity ordered but not yet received
<b>On Hold</b>	The quantity requested from your demander by requisition but not yet posted
<b>Pack on Hand</b>	The quantity presently in stock
<b>Available</b>	Stock on hand minus stock on hold
<b>Projected</b>	Available stock plus stock on order
<b>Mark Up %</b>	The markup percentage for the item
<b>Selling Price</b>	The cost price plus the markup percentage

Table 4-5. Reorder-Level Terms

Term	Description
<b>Auto</b>	Check this box to set the item to automatically update the stock levels when the <b>Auto Adjust Stock Levels for all Products</b> procedure is run.
<b>Safety</b>	The extra quantity of product carried to protect against possible stock-outs if the demand suddenly increases or lead time increases.  The <b>Current</b> column is user defined and the <b>Suggested</b> column is calculated by the software, based on user-defined parameters and past consumption.
<b>Minimum</b>	The stock level at which an order must be placed; also known as the “reorder level.”  The <b>Current</b> column is user defined, and the <b>Suggested</b> column is calculated by the software, based on user-defined parameters and past consumption.
<b>Maximum</b>	The optimal maximum stock level of a product in a facility.  This is the quantity that RxSolution will use to calculate the order quantity for purchase orders using the <b>Add (Auto Generate Purchase Order) Ctrl+U</b> procedure.  The <b>Current</b> column is user defined and the <b>Suggested</b> column is calculated by the software, based on user-defined parameters and past consumption.
<b>Reviewed</b>	Record the date the figures were reviewed.

See Annex 5 for details on the **Calc** button. This button gives access to a screen for calculating reorder quantities.

Table 4-6. Formulary Status Terms

Term	Description
<b>Institution</b> <b>Provincial</b> <b>National</b>	Check the appropriate box to signify whether the product belongs to the institution, provincial, or national EML.  The level of prescriber permitted to prescribe the item can be defined as well. Setting a prescriber level also includes all of the levels above it in RxSolution.
<b>VEN</b>	Products are classified according to their importance in treating common conditions in a community—V means vital, E means essential, and N means nonessential.
<b>ABC</b>	An item’s ABC classification indicates the relative proportion of cost it accounts for among the products stocked based on requisition issues.

## Reorder Status Field



Re-Order Status

Select

☒ Automatic ☐ Manual

☐ Budget

Products can be reordered automatically, manually, or according to the budget specified for the particular product. Table 4-7 describes the reorder options shown above.

Table 4-7. Product Reorder Options

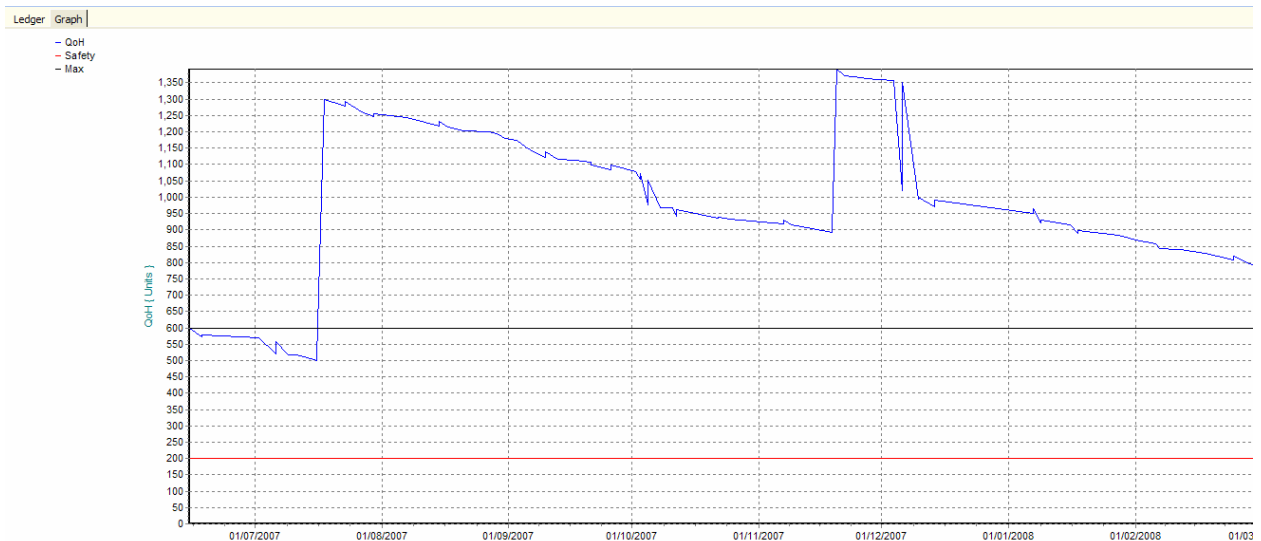
Reorder Option	Description
<b>Automatic</b>	<p>When products are reordered automatically, the projected quantity must be lower than the minimum quantity. The difference between the projected and the maximum stock level values determines the quantity that will be needed. When the next order is generated, the product will automatically be added to the order.</p> <p>Use <b>Automatic</b> when the consumption of a specific medicine is stable. The history of the medicine usage is used to determine the stock levels automatically. Nevertheless, the reorder level suggested by RxSolution still needs to be reviewed carefully.</p> <p>If a medicine has not been issued at least three times, RxSolution would not have enough history of consumption and, therefore, could not accurately order this medicine automatically. The procurement and lead times must also be set to enable the stock levels to be calculated.</p>
<b>Manual</b>	<p>The product will be added onto an order manually.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>Note:</i> If this setting is selected, even if the quantity on hand falls below the minimum quantity required, no order will be automatically generated for this product.</p> </div> <p>A calculating tool has been provided to assist you with the manual ordering of products. See “How Do I Recalculate Minimum, Maximum, and Safety Stock Levels?” on page 4-21 for further information.</p>
<b>Budget</b>	<p>Reordering is driven by budget availability. Even though reorder levels may be high, the balance of available budget influences the amounts to be purchased. The reordering is therefore determined by whether there is enough money in the budget to purchase the required amount.</p>

## Stock Ledger Tab

Pack Stock Profile Stock Ledger Financial Contract Variance Dispensing Batches									
Stock Analysis									
Ledger Graph									
From 12/23/2007 To 12/22/2008 <div> <input checked="" type="radio"/> Show All             <input type="radio"/> Issued             <input type="radio"/> Variance           </div> <div> <input type="radio"/> Ordered             <input type="radio"/> Received             <input type="radio"/> Stocktake           </div>									
Drag a column header here to group by that column									
Type	Date	Ref. No	Pack Qty	Pack Qty on Hand	Pack Size	Cost	Expiry	Batch Number	
0	11/25/2008 12:43:40 PM	TC/08-0926	400	195	10	\$11,800.00			
I	11/20/2008 10:02:07 AM	TC-REQ/08-09-4096	50	195	10	\$1,475.00	06/30/2010	V560610	
I	11/14/2008 8:50:49 AM	TC-REQ/08-09-4034	10	245	10	\$295.00	06/30/2010	V560610	
I	11/14/2008 8:50:49 AM	TC-REQ/08-09-4034	70	255	10	\$2,065.00	04/30/2010	V560106	
I	11/14/2008 8:48:34 AM	TC-REQ/08-09-4032	20	325	10	\$590.00	04/30/2010	V560106	
I	11/06/2008 2:46:27 PM	TC-REQ/08-09-3935	25	345	10	\$737.50	06/30/2010	V560610	
I	11/06/2008 2:46:27 PM	TC-REQ/08-09-3935	5	370	10	\$147.50	04/30/2010	V560106	

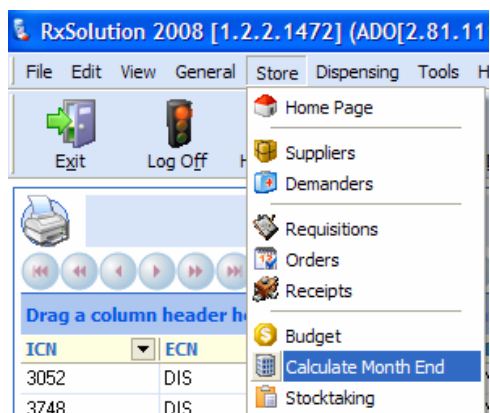
The **Stock Ledger** tab summarizes transactions for an item. The product ledger details can be filtered by selecting **Show All**, **Issued**, **Variance**, **Ordered**, or **Received**, as well as by date. If the Batch management driven option was selected in System Settings the expiry dates and batch numbers of the items are also displayed. This information can be viewed as a graph that plots on-hand, safety, and maximum stocks. Click on **Stock Ledger** and choose **Graph**, and the stock ledger will be displayed as a linear graph.

## Financial Tab



The **Financial** section provides information that can be used to compare receipt expenditures against issues. This information can be shown in either graph (shown here) or ledger format. A month-end procedure is used to generate the values in the ledger.

This procedure can also be run during the following month. It is not dependent on the date it is run, but should be run promptly after the end of the month for maximum usefulness. Select **Calculate Month End** on the **Store** drop-down menu at the end of the month to capture the transactions for the month.




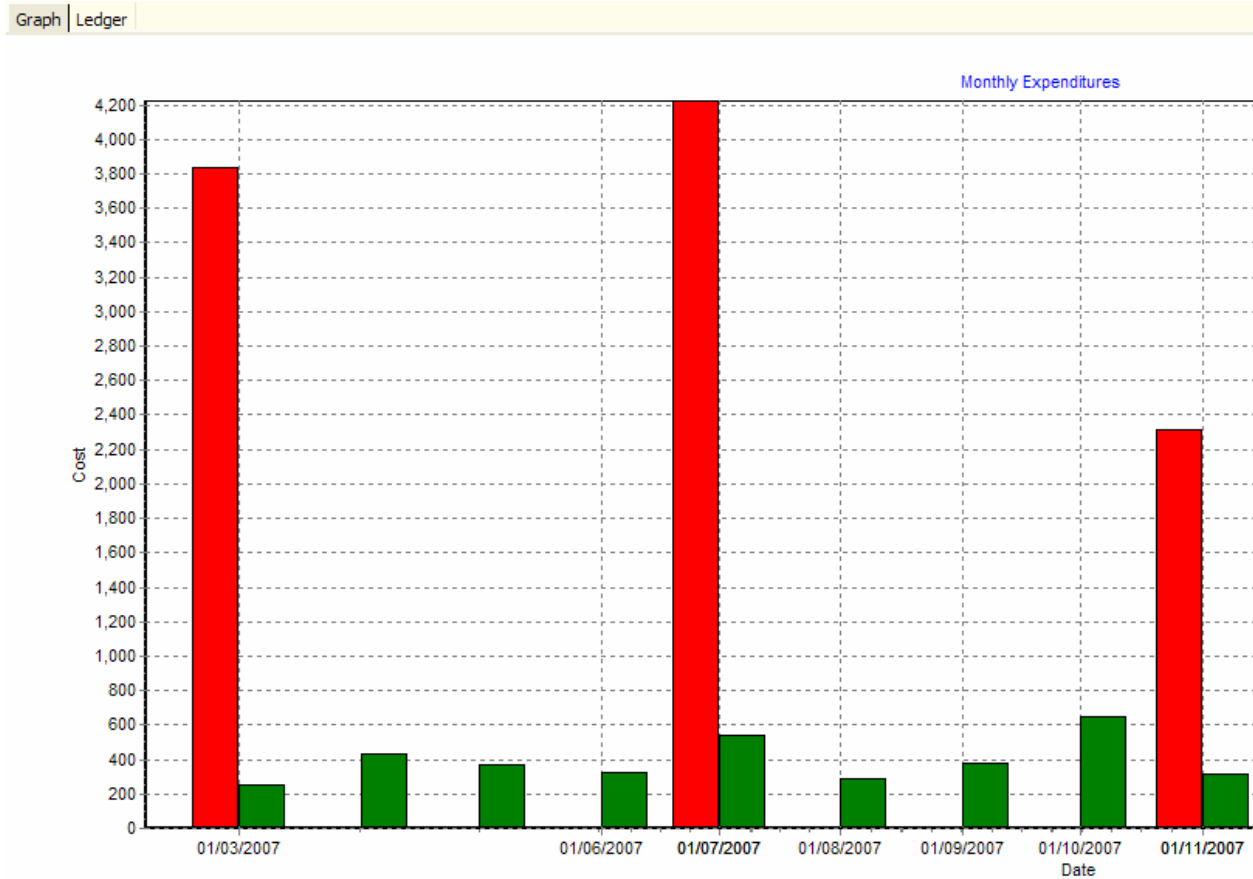
Select the **Month** and **Year**. Click on **Proceed** .

To view ledger information, select the **Ledger** tab.

Graph Ledger					
Type	Month	Year	Quantity	Value	
I	03	2007	60		R 251.60
R	03	2007	894		R 3,835.26
I	04	2007	100		R 429.00
I	05	2007	96		R 368.94
I	06	2007	76		R 326.04
I	07	2007	125		R 535.96
R	07	2007	800		R 4,222.56
I	08	2007	68		R 291.72
I	09	2007	88		R 377.52
I	10	2007	149		R 644.31
I	11	2007	72		R 314.32
R	11	2007	500		R 2,315.00
I	02	2008	87		R 402.81
I	03	2008	71		R 328.73
I	04	2008	96		R 444.48
I	05	2008	37		R 171.31

I = Issues and R = Receipts. The total quantities and values for the month and year are displayed.

To see the results graphically, click on the **Graph** tab .



The red columns represent receipt costs and the green columns represent costs of issues to demanders. The value is in currency. This graph is a very good indicator of frequency of orders compared to issues.

### Contract Tab

Contract								
Name	Contract Number	Specification Number	Contract Code	Contract Year	Contract Price	Begin Date	End Date	Active
Trade Name								/
ROCHE DIAGNOSTICS	167	525	RT290	1999	R 42.88	1999/10/01	2000/09/30	<input checked="" type="checkbox"/>
Acutrend								
ROCHE DIAGNOSTICS	159	525	RT290	2001	R 41.27	2001/10/01	2002/09/30	<input type="checkbox"/>
Acutrend								
ROCHE DIAGNOSTICS	169	525	RT290	2000	R 39.30	2000/10/01	2001/09/30	<input type="checkbox"/>
Acutrend								

To view supplier contract information for a product, click on the **Contract** tab. This information is created in the Tender module.

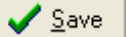




Expiry	Batch Number	On Hand	Shipping Pack
2009/10/30	GPD1234	5415	1
2009/11/30	ERD512	100	1

Enter the adjustment quantity. A minus (–) is used if subtracting from stock. Also enter a detailed reason or reference. In the example below, 1,000 packs are being written off because of flood damage.



Adjustment Type:	L - Spoiled	Adjust	-1000
Reason for Adjustment	Stock has been spoiled by flood damage		

Click on the **Save** button  to confirm the transaction.


### Dispensing Tab

Pack Stock Profile	Stock Ledger	Financial	Contract	Variance	Dispensing	Batches
<b>Packing Information</b> Strength 200 Strength Unit mg Pack Size 25 Dispensing Pack Unit Tablet Rx Level Strength Coefficient 1 Pack Coefficient 1 Dispensing Unit 1 Tablet Administration Form solid Administration Mode Take				<b>Label Information</b> Label Display Acyclovir 200mg (Tablet) [25 Tablet] Lookup Display Acyclovir 200mg Tablet [PO] Can you break the administration unit? <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>		
<b>Is Available For Dispensing</b> <input checked="" type="checkbox"/>						

This tab displays the information that is required to make available an item for dispensing in the prescription procedure. If any of the variables below are not complete, then the check mark in the **Is Available For Dispensing** box will be absent, and the item cannot be dispensed. You will then need to revisit the product setup and ensure that all details are available for the item.

Generic Name	 Albendazole			Trade Name or Other Name	 Zentel Tabs 200Mg 2'S		
Strength/Size	200mg	5					
Form	Tablet	T1 Injectable	<input type="checkbox"/>	Paediatric	<input type="checkbox"/>	Route	PO
Pack Size	2	Tablet	0082	Price	R 6.12 / 2	ATC	P02CA
Administration Unit	per Tablet	Order Type		<input checked="" type="radio"/> Direct <input type="radio"/> DDV <input type="radio"/> Buy Out <input type="radio"/> Internal		Group 1	

Check that the Generic name is available in the drop down list. If Not, click in the green +

Generic Name  Albendazole and add the Generic Name I.e.

Edit/Add Generic list			
Codes		Description	
Code			
Level	Active <input checked="" type="checkbox"/> Active	Supplement	

Drag a column header here to group by that column

Code	Generic Name	Level	Active
	Admin Set Fluid		<input checked="" type="checkbox"/>
10106	Admin Set	0	<input checked="" type="checkbox"/>
10101	Adhesive Remover	0	<input checked="" type="checkbox"/>

Click on the and add the Generic Name with the next available self determined code.

Save by clicking on the .

In a similar fashion, check the other product setup tables. Note, a route must be indicated.

To revalidate that the product is available to dispense, run the **Validate Products for**

**Dispensing** option, found under the Edit button . Note: The check mark for **Is Available For Dispensing** is not an editable field; the system enters the check mark if all the dispensing criteria are met. If the box is not marked and you believe it should be, please review the strength and form on the product setup.

Edit selected Product	Ctrl+E
Copy Selected Product	
Add Variance	Ctrl+V
Calculate Stock Levels	Ctrl+C
Auto Adjust Stock Levels for all Products	
Validate Products for Dispensing	
Auto Adjust Stock Levels (Simple)	

The **Label Information** panel under this tab provides detail about how the product will be displayed on the patient label.

The **Can you break the administration unit?** ☒ option allows the user to mark whether the item should be handled as a unit or dispensed by the SKU (Smallest Known Unit) when dispensing. For example, if the item is a vial of insulin, one would normally issue the whole vial to the patient: thus, one would not add place a check mark in this box. If the item is a bottle of 1,000 tablets and one does not normally issue 1,000 tablets to a patient, then one would place a check mark in the box so that when dispensing the calculated quantity is displayed in the to-dispense quantity and not as 1,000.

Label Information	
Label Display	Lopinavir, Ritonavir 133.3/33.3mg (Capsule)
Lookup Display	Lopinavir, Ritonavir 133.3/33.3mg
Can you break the administration unit? <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

### Batches Tab

Pack Stock Profile	Stock Ledger	Financial	Contract	Variance	Dispensing	Batches
Drag a column header here to group by that column						
Expiry	Batch Number	Qty	Bin	Shipping Pack	Price	
2009/11/30	ERDS12	100		1	9.83	
2009/10/30	GPD1234	5415		1	9.83	


The **Batches** tab displays all of the batches of an item that are in stock based on receipts. It also shows the shipping pack size in which the product was received. Note: Items on hold are not deducted here.

### How Do I Create a New Product?





A new product can be created in two ways—



- Create an item from new.
- Copy an item of similar setup and modify the product information for the new item. For example, you have paracetamol 500 mg tablets 1,000s and would like to add paracetamol 500 mg tablets 5,000s. You can copy the 1,000s and insert the new item's codes and pack size.


### Creating an Item from New


1. On the main product catalog screen, click on the insert icon .
2. This action will open the **Add new product...** window.

**Add new product...**

Codes	<input type="checkbox"/> Include Trade Name or Other Name	Description
ICN1231	Generic Name 	Diclofenac Na
ECN	Strength/Size 	25mg
NSN	Form 	Injectable <input type="checkbox"/> Paediatric <input type="checkbox"/>
FIN	Pack Size 	Price R 0.00 1
Product Type: <input type="radio"/> Drug <input type="radio"/> Med. Sup. <input type="radio"/> Other		Order Type: <input type="radio"/> Depot <input type="radio"/> DDV <input type="radio"/> Buy Out <input type="radio"/> Internal
Institution <input checked="" type="checkbox"/> Restriction		Status Bin
Administration is done using (or 1xdispensing unit)		



 Save
 Cancel

Fill in the details of the product. For an explanation of each of the sections see the “How Do I Access a Detailed Description of a Particular Product?” section earlier in this chapter. If any of the item's details is not in the system settings table, you can add it by clicking on the appropriate plus sign  next to the entry to be added. Make sure that all details are filled in, or the product will not be marked as available for dispensing.

3. Click on **Save**  to add the product.
4. The product will be added to the list of products in RxSolution.


*Note:* For details on creating items such as insulin or eye drops, see Annex 4. The units for these types of items can be difficult to set up correctly.

### *Creating an Item by Copying an Existing Item*

1. Select the item to copy.
2. Click on the edit button  and choose **Copy Selected Product**.
3. Add and change the required parameters and click on **Save** .

*Note:* This option may not be available to all users. Use **System Access** to restrict this right to certain users.

### **How Do I Recalculate Maximum, Minimum, and Safety Stock Levels for an Item?**

Click on the edit button  and select **Calculate Stock Levels**. This feature allows a more advanced recalculation of stock levels using consumption and actual lead times, taking into account standard deviation of the data.

Edit selected Product	Ctrl+E
Copy Selected Product	
Add Variance	Ctrl+V
Calculate Stock Levels	Ctrl+C
Auto Adjust Stock Levels for all Products	
Validate Products for Dispensing	
Auto Adjust Stock Levels (Simple)	

You may also click on the **Calc.** button on the **Pack Stock Profile** tab. See Annex 5 for more information on this option.

Re-Order Levels			
Auto	<input checked="" type="checkbox"/>	Current	Suggested
Safety		40	27
Minimum		67	67
Maximum		82	82
Reviewed	24 Mar 2004		Calc.

### How Do I Globally Recalculate My Maximum, Minimum, and Safety Stock Levels?

Two methods can be used to recalculate these stock levels. The first method calculates the stock levels using the method described in Annex 5, which takes into account standard deviation on consumption.

Edit selected Product	Ctrl+E
Copy Selected Product	
Add Variance	Ctrl+V
Calculate Stock Levels	Ctrl+C
<b>Auto Adjust Stock Levels for all Products</b>	
Validate Products for Dispensing	
Auto Adjust Stock Levels (Simple)	

Click on the edit button  and select **Auto Adjust**

**Stock Levels for all Products.** This feature recalculates all stock levels based on the set parameters and consumption for products when the reorder level in the **Re-Order & Formulary** box on the Product Catalog screen is set to **Auto**. See Annex 5 for details.


Re-Order & Formulary			
Re-Order Levels			
Auto	<input checked="" type="checkbox"/>	Current	Suggested

In the event that you the user has decided to use another formula than the systems formula, this will be set up as a scheduled task in Windows. Contact your RxSolution Consultant to assist

### How Do I Search for a Product?

1. To find the product you want, click on the **Description** heading on the initial **Product Catalog** screen.
2. Simply begin to type the name (or first few letters of it) of the product that you want to find. As the name is typed, the list jumps to the matching record.

### How Do I Edit Information on a Product?




1. Click on the product to be edited. The selected product will be highlighted by a blue background.
2. Click on the edit product icon .

3. The following options are displayed—


Edit selected Product	Ctrl+E
Copy Selected Product	
Add Variance	Ctrl+V
Calculate Stock Levels	Ctrl+C
Auto Adjust Stock Levels for all Products	
Validate Products for Dispensing	
Auto Adjust Stock Levels (Simple)	

4. Select the **Edit selected Product** option.
5. This action opens the product detail window (shown below).

The screenshot shows the 'PRODUCT CATALOG: [Institutional EDL]' window. The product selected is 'L3406002330028 Lamivudine 10mg/1ml Liquid, Internal; 100 ml [PO]'. The window is divided into several sections: 'Codes' (ICN, ECN, NSN, FIN), 'Product Type' (Drug, Med, Other), 'Institution' (checked), 'Bin Location' (ARV), 'Contract', 'Shipping Pack' (1 X 100 ml), 'Stock Levels' (On Order, On Hand, Pack On Hand), 'Re-Order & Formulary' (Re-Order Levels, Formulary Status), 'Procurement' (Procurement Period, Default Lead Time, Re-Order Status, Schedule), 'General' (Units, Strength, Dispensing, Daily Defined Dose, Storage Parameters, Stock Restriction), and 'Classification' (WHQ, Classification, Level).

6. Alternatively, double click on the product to be selected to open the above window.
7. Make the desired changes to the product by selecting the fields that need to be edited.
8. Click on  to save the changes and click on  to refresh the list.
9. Click on  to return to the **Product Catalog** screen.


### How Do I Print a List of Products?

1. Click on the printer icon  on the top left-hand corner of the **Product Catalog** screen.
2. A preview of the product list will be displayed, as shown below.

Product List							
Code	ICN	NSN	ECN	Budget	Ordered	On Hold	Value
Description							
A00000015 7777				\$0.00	0	0	\$0.00
Abacavir 0.45%/0.5ml Ampoule; 1 Ampoule							
T10010247 7884			189712855	\$0.00	0	0	\$0.00
Acarbose (Glucobay) 50mg Tablet; 90 Tablet [PO]							
ST000015 3887				\$0.00	0	0	\$0.00
Accessory KR, Unit; 1 KR							
T00000021 0366			189779916	\$0.00	0	0	\$0.00
Acetabutoxol 100mg Capsule; 60 Capsule [PO]						1.00	\$2,644.80
T10000000 042970				\$0.00	0	0	\$0.00
Acetazolamide 250mg Tablet; 10 Tablet [PO]			189710142	\$0.00	0	0	\$0.00
T10000002 0529				\$0.00	0	0	\$0.00
Acetazolamide 250mg Tablet; 100 Tablet [PO]							
T10000008 3294			189710142	\$0.00	0	0	\$0.00
Acetazolamide 250mg Tablet; 20 Tablet [PO]							
A100000739 0800			189710142	\$0.00	0	0	\$0.00
Acetazolamide 500mg Val; 1 Val [INU]						200	\$0.00
R00000019 3088			189714840	\$0.00	0	0	\$0.00
Acetic Acid (Glacial) 1% Liquid, External; 500 ml							
R00000019 3084			189714841	\$0.00	0	0	\$0.00
Acetic Acid 1% Liquid, External; 500 ml							
R0000002 0679			189761050	\$0.00	0	0	\$0.00
Acetycholine Chloride 20Mg; Mann. 60Mg; Eye Drops B/p 2Ml; Eye Drops; 2 ml [OPTH]							
R000000501 0680			189711124	\$0.00	0	0	\$0.00
Acetycholine Chloride 40Mg; Mann. 200Mg; Eye Drops 4.5Ml V+d 0.5 Eye Drops; 4.5ml Each [OPTH]							
R000000448 0827			189755473	\$0.00	0	0	\$0.00
Acetycholine Chloride 200mg/ml Ampoule; 10 ml [INU]							
T100000443 0969			189755473	\$0.00	0	0	\$0.00
Aciclovir 200mg Tablet; 25 Tablet [PO]							
R000000447 3549			189755486	\$0.00	0	0	\$0.00
Aciclovir 200mg/5ml Suspension; 1.25 ml [PO]						1.0	\$2,230.26
A100000001 7547			189755473	\$0.00	0	0	\$0.00
Aciclovir 250mg Val; 1 Val [INU]							
R000000164 0699			189712344	\$0.00	0	0	\$0.00
Aciclovir 3% Eye Ointment; 4 gm [OPTH]							
R000000062 7577			189712343	\$0.00	0	0	\$0.00
Aciclovir 5% Cream; 2 gm [TOP]							
T000000147 3038			189779725	\$0.00	0	0	\$0.00
Aciclovir 25mg Capsule; 30 Capsule [PO]							
R000000196 0489			189779725	\$0.00	0	0	\$0.00
Aciclovir 0.1% Emulsion, External; 500 ml							
A00142 0867			189776203	\$0.00	0	0	\$0.00
Actapharm 100U/ml (30/70) Cartridge, Penfill; 3 ml [SC]						1.00	\$2,600.00
A10024 0867			189718165	\$0.00	0	0	\$0.00
Actapharm 100U/ml (30/70) Val; 10 ml [SC]							
R00142 2537			189776203	\$0.00	0	0	\$0.00
Actapharm NM (ye) 100U/ml (30/70) Penfill; 3 ml [SC]							
ST00015 7680				\$0.00	0	0	\$0.00
Adaptor Catheter; Female Mount 1.54m Non-Sterile; Unit; 1 Adaptor							
A101100019 3039			189776203	\$0.00	0	0	\$0.00
Adenosine 3mg/ml Val; 1 Val [INU]						1.00	\$0.00
A101100017 2687			189776203	\$0.00	0	0	\$0.00
Adenosine 3mg/ml Val; 2 ml [INU]							
ST000015 3039			189776203	\$0.00	0	0	\$0.00
Adhesive Alginate Dent 200Ml Dental Impression Material; Unit; 1 Tin							
ST000015 7304			189776203	\$0.00	0	0	\$0.00
Admin Set Blood 10 Drops/ml (Afc 2020); Unit; 1 Set							
ST00015 7303			189776203	\$0.00	0	0	\$0.00
Admin Set Blood Paced 20 Drops Blood/ml; Unit; 1 Set							
ST00015 7303			189776203	\$0.00	0	0	\$0.00

- To print this list, select the printing option to print to an installed printer or to print to a file (a copy of the list will be printed as a file that can be saved on the computer). (See chapter 25, “Reports” for a detailed description of printing to a file.)
- Follow the normal procedure for printing a document.

### How Do I Print Product Information Contained on a Tab

- Select the product whose information is required.
- Click on the tab containing the required information.
- Click on the printer icon .
- Follow the usual procedure to print a document.

## How Do I Create a Product-Based Budget in RxSolution?

You can use product consumption data from RxSolution to help create a budget for your facility. This process is usually done annually. On the RxSolution main menu, click on **Store** and then **Budget**. The following screen appears—

**PRODUCT BUDGET**

**Select Review Period**  
 Review - From: 02/21/2002 To: 04/21/2002  
 Projected - From: 04/21/2002 To: 04/21/2002

**Budget Summary**  
 Total Calculated: \$3,259,013.44  
 Total Reviewed: \$3,259,013.44  
 Monthly Calculated: \$271,584.45  
 Monthly Reviewed: \$271,584.45

**Budget Parameters**  
 Projection mode: ☒ Inflation ☐ Population and Inflation  
 Tender Mode: ☒ Independent ☐ Population and Inflation  
 Population Growth: 0%  
 Inflation: 0%  
 Generate Budget  
 Estimated => Reviewed

**VEN Breakdown**

VEN	Budget	Reviewed
N	\$1,306,584.38	\$1,306,584.38
E	\$450,094.01	\$450,094.01
V	\$515,227.45	\$515,227.45

**Table Data:**

Code	Description	Level	ATC	VEN	Budget	Reviewed	Group 1	Group 2	ICN	ECN
T139300768	Isosorbide Dinitrate 5mg Tablet; 50 Tablet [SL]	1I	C01	E	\$0.00	\$0.00	05	DEPOT PHAR	0280	PHC
T138950210	Isoniazid 100mg Tablet; 20 Tablet [PO]	2	J04	N	\$0.00	\$0.00	05	DEPOT PHAR	2199	DIS
1438900890	Isoflurane (Forane) USP Liquid; 250 ml	2	N01	E	\$2,522.75	\$2,522.75	10	DEPOT PHAR	0543	DIS
A038700215	Iron polysomaltose 100mg/2ml Ampoule; 2 ml [INH]		B03	V	\$0.00	\$0.00	30	DEPOT PHAR	0871	DIS
I1385006430	Ipratropium Bromide 40mcg/dose Inhaler; 300 Dose [INH]	2	R03	N	\$1,157.41	\$1,157.41	20	DEPOT PHAR	0721	PHC
I038500216	Ipratropium Bromide 0.25mg/2ml (Paed.) Inhalant Solution; 60 Dose [INH]	2	R03	V	\$1,724.50	\$1,724.50	20	DEPOT PHAR	0719	PHC
I038500216	Ipratropium Bromide (Atrovent) 0.5mg/2ml (Adult) Inhalant Solution; 60 Ampoule [INH]			N	\$7,163.33	\$7,163.33	20	DEPOT PHAR	0720	DIS
Y638450874	Ipecacuanha BP Tincture; 500 ml [PO]	1I	V03	N	\$0.00	\$0.00	10	DEPOT PHAR	3063	PHC
K738200874	Iodine BP Solution, External; 500 ml				\$0.00	\$0.00	10	DEPOT PHAR	0540	DIS
Z109640015	Intra-Uterine Contraceptive Device Dacept 375 IUD; 1 Each				\$0.00	\$0.00	35	DEPOT PHAR	0964	PHC

1. In the **Select Review Period** section (upper left), set the review period dates. These dates are normally for the last financial year. The recommended minimum period is four months and the maximum, two years. Set the projected period dates as well. These are usually for the coming financial year.

Review - From: 01/04/2007 To: 31/03/2008  
 Projected - From: 01/04/2007 To: 31/03/2008

2. Set the **Budget Parameters**. For the **Projection mode**, you can choose to enter an inflation factor or both population and inflation factors. Enter the numbers you want to use for **Population Growth** and for **Inflation** percentages. They will be applied to the past consumption figures when you create your budget estimate. Although the simplest method for determining the inflation figure is to use the value suggested by the national treasury or financial director, medicines may not follow the general inflation rate. Hence, the pharmacist should research the percentage inflation in cost of medicines during the last tender cycle.

**Projection mode**  
☒ Inflation  
☐ Population and Inflation


**Tender Mode**  
☒ Independent  
☐ Population and Inflation

Population Growth: 0%  
 Inflation: 0%  
 Generate Budget  
 Estimated => Reviewed



- Click on the **Generate Budget** button. The **Budget** column in the **Budget Summary** section will be filled in with a figure based on this formula—

(selected review period consumption quantity) × (latest product price) × (population growth percentage, if applicable) × (inflation percentage, if applicable)

- Click on the **Estimated=>Reviewed** button to copy the estimated quantities to the reviewed column so that you can change them as needed. Make any required changes to the figures in the **Reviewed** column. The figures in this column will be the working budget.
- Click on the refresh button  to update the totals in the **Budget Summary** section of the screen. You can see below that the totals are broken down by level and VEN category, for both the budgeted figures and the reviewed figures.

Budget Summary				
Total Calculated:	R 3,259,013.44	Level	Budget	Reviewed
Total Reviewed:	R 3,259,013.44		R 1,403,040.58	R 1,403,040.58
Monthly Calculated:	R 271,584.45	1!	R 4,946.68	R 4,946.68
Monthly Reviewed:	R 271,584.45	1A	R 460,350.54	R 460,350.54
VEN Breakdown		1B1	R 171,801.98	R 171,801.98
VEN	Budget	Reviewed	1B2	R 34,760.24
N	R 1,306,584.38	R 1,306,584.38	1C	R 357,126.63
	R 987,107.60	R 987,107.60	2	R 354,103.12
E	R 450,094.01	R 450,094.01	3	R 370,480.89
V	R 515,227.45	R 515,227.45	4	R 83,805.79

- You can print the results of your budgeting process by clicking on the printer icon at the top left of the screen. The print preview screen will appear, showing the summary information on the first page of the report and the detail by item on the subsequent pages as shown below.

Budget		
Budget - [VEN]		
V,E or N	Budget	Reviewed
E	\$0.00	\$0.00
V	\$0.00	\$0.00
	\$1,233,935.36	\$1,245,993.82
<b>Summary</b>	<b>\$1,233,935.36</b>	<b>\$1,245,993.82</b>
Budget - [Level Of Use]		
Institution Level Of Use	Reviewed	Budget
	\$0.00	\$0.00
2	\$1,245,993.82	\$1,233,935.36
5	\$0.00	\$0.00
	<b>\$1,245,993.82</b>	<b>\$1,233,935.36</b>

Budget - [Institutional EDL]			
Code	Product	Reviewed	Budget
L3005004610	Abacavir 20mg/ml Liquid, Internal; 240 ml [PO]	\$53,252.85	\$53,252.85
T1005005700	Abacavir 300mg Tablet; 60 Tablet [PO]	\$21,891.85	\$21,891.85
T0212505020	Idonasine 250mg Capsule; 30 Capsule [PO]	\$0.00	\$0.00
T0212506420	Idonasine 400mg Capsule; 30 Capsule [PO]	\$0.00	\$0.00
T1212502100	Idonasine 100mg Tablet; 60 Tablet [PO]	\$36,359.83	\$36,359.83
T1212503190	Idonasine 150mg Tablet; 60 Tablet [PO]	\$14,394.03	\$14,394.03
T0238704430	Elavirenz 200mg Capsule; 90 Capsule [PO]	\$347,293.82	\$347,293.82
T0238707470	Elavirenz 50mg Capsule; 30 Capsule [PO]	\$1,896.62	\$1,896.62
T0238707990	Elavirenz 600mg Capsule; 30 Capsule [PO]	\$49,180.45	\$49,180.45
T0369306420	Indinavir 400mg Capsule; 190 Capsule [PO]	\$34,425.46	\$34,425.46
L3406002330	Lamivudine 10mg/1ml Liquid, Internal; 100 ml [PO]	\$18,833.24	\$18,833.24
L3406002330	Lamivudine 10mg/1ml Liquid, Internal; 240 ml [PO]	\$45,413.70	\$45,413.70
T1406003190	Lamivudine 150mg Tablet; 60 Tablet [PO]	\$20,042.99	\$20,042.99
T0423609040	Lopinavir, Ritonavir 133.3/33.3mg Capsule; 190 Capsule [PO]	\$12,465.36	\$12,465.36
L3423608900	Lopinavir, Ritonavir 90mg/20mg/ml Liquid, Internal; 60 ml [PO]	\$3,696.92	\$3,696.92
L3491202330	Nevirapine 10mg/1ml Liquid, Internal; 100 ml [PO]	\$20,296.18	\$20,296.18
L3491202330	Nevirapine 10mg/1ml Liquid, Internal; 240 ml [PO]	\$61,699.00	\$61,699.00
L3491202330	Nevirapine 10mg/1ml Liquid, Internal; 25 ml [PO]	\$3,524.61	\$3,524.61
T1491204430	Nevirapine 200mg Tablet; 60 Tablet [PO]	\$23,014.59	\$23,014.59
T1491204430	Nevirapine 200mg Tablet; 46 Tablet [PO]	\$0.00	\$0.00
T0609602100	Ritonavir 100mg Capsule; 60 Capsule [PO]	\$0.00	\$0.00
T0609602100	Ritonavir 100mg Capsule; 94 Capsule [PO]	\$0.00	\$0.00
L3609609320	Ritonavir (Norvir) 80mg/1ml Liquid, Internal; 90 ml [PO]	\$0.00	\$0.00
T0614004430	Saquinavir 200mg Capsule; 270 Capsule [PO]	\$0.00	\$0.00
T0645704520	Stevudine 20mg Capsule; 56 Capsule [PO]	\$0.00	\$0.00
T0645704520	Stevudine 20mg Capsule; 60 Capsule [PO]	\$6,583.27	\$6,583.27
T0645705790	Stevudine 30mg Capsule; 56 Capsule [PO]	\$0.00	\$0.00
T0645705790	Stevudine 30mg Capsule; 60 Capsule [PO]	\$31,187.10	\$31,187.10
T0645706500	Stevudine 40mg Capsule; 56 Capsule [PO]	\$0.00	\$0.00
T0645706500	Stevudine 40mg Capsule; 60 Capsule [PO]	\$70,586.20	\$70,586.20
L6645703630	Stevudine 1mg/ml Suspension; 200 ml [PO]	\$66,619.44	\$66,619.44
T1645809030	Stevudine, Lamivudine, Nevirapine 30/150/200mg Tablet; 60 Tablet [PO]	\$42,102.24	\$42,102.24
T1645809030	Stevudine, Lamivudine, Nevirapine 40/150/200mg Tablet; 60 Tablet [PO]	\$73,332.33	\$73,332.33
T1659705700	Tenofovir 300mg Tablet; 30 Tablet [PO]	\$0.00	\$0.00
L3753502330	Zidovudine 10mg/1ml Liquid, Internal; 100 ml [PO]	\$16,900.69	\$16,900.69
L3753502330	Zidovudine 10mg/1ml Liquid, Internal; 200 ml [PO]	\$70,000.00	\$79,612.90
T1753502100	Zidovudine 100mg Tablet; 100 Tablet [PO]	\$0.00	\$0.00
T1753505700	Zidovudine 300mg Tablet; 100 Tablet [PO]	\$0.00	\$0.00
T1753505700	Zidovudine 300mg Tablet; 60 Tablet [PO]	\$872.96	\$872.96
T1753705650	Zidovudine, Lamivudine 300/150mg Tablet; 60 Tablet [PO]	\$100,000.00	\$79,329.74
C P75391194Z	Zidovudine, Lamivudine, Efavirenz 300/150/600mg Co-Pack; 30 Co-pack [PO]	\$0.00	\$0.00
T1753911920	Zidovudine, Lamivudine, Nevirapine 300/150/200MG Tablet; 60 Tablet [PO]	\$0.00	\$0.00

## How Do I Create a Product-Based Budget in RxSolution?

Locking a product is a feature of RxSolution. This prevents multiple users issuing the same product at the same time. In the event that a product remains locked due to power Failure or the like, and no transactions can be performed using the product, To Unlock the Product:



1. Click on the **Products** icon.
2. Double click on the product required to unlock.
3. The following screen format appears—

PRODUCT CATALOG: Institutional EDI

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Codes
☒ Include Trade Name or Other Name in Description
Description
EXCLUDE Generic name from descr

Product: **L5406002330112 Lamivudine (3TC) 10mg/1ml Solution, Internal; 240 ml [PO]**

ICN 3774	Generic Name  Lamivudine	0233	Trade Name or Other Name  3TC	Code
ECN PHC	Strength/Size  10mg/1ml	L5 Injectable	<input type="checkbox"/> Paediatric	Route PO
NSN 1802050268T	Form  Solution, Internal	0112	Price R 0.01 / 240	ml
FIN	Pack Size  240	ml	ATC	Group 1 10
Product Type <input checked="" type="radio"/> Drug <input type="radio"/> Med. <input type="radio"/> Other	Administration Unit  per ml	Order Type <input checked="" type="radio"/> Depot <input type="radio"/> DDV <input type="radio"/> Buy Out <input type="radio"/> Internal	Group 2 DEPOT PHAR	
Institution <input checked="" type="checkbox"/>	Bin Location CA	Contract	Shipping Pack 1 X 240 ml	

**Pack Stock Profile**

Stock	Pack	Cost
On Order	0	\$0.00
On Hold	72	\$0.72
Pack On Hand	252	\$2.52

Available	180	Mark Up %	0.00
Projected	180	Selling Price	\$0.01

**Procurement**

**Procurement Period**

Select

☐ A = 14 Days ☐ C = 60 Days

☐ B = 30 Days ☒ D = 90 Days

**Default Lead Time**

Select

☐ A = 7 Days ☐ C = 21 Days

☒ B = 14 Days ☐ D = 48 Days

**Re-Order Status**

Select

☒ Automatic ☐ Manual

☐ Budget

**Schedule**

Schedule 4

**General**

**Units**

Basic

Strength

Dispensing ml

**Daily Defined Dose**

Dose Unit

DDD

**Storage Parameters**

Temperature - Refrigerated ☐

Conditions

**Stock Restriction**

Non Stock ☐ Status 1

Restriction

**Classification**

WHO

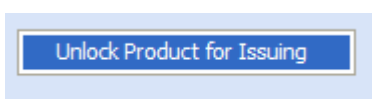
Classification

Level

**Re-Order & Formulary**

Re-Order Levels			Formulary Status		
Auto	Current	Suggested	Institution	Level	
Safety	44	29	Provincial	<input checked="" type="checkbox"/>	Level
Minimum	73	73	National	<input type="checkbox"/>	
Maximum	109	109	VEN		
Reviewed	07 Oct 2008	Calc	ABC	C	

4. Right Click anywhere in the blue empty area and the following message label will appear



5. Click on the message and the product will be unlocked.