

Iris Exchequer Stock Forecasting

Why tie cash up in stock you don't need to be holding ?

Why lose sales because you did not have enough stock or re-order on time ?



StockPlan forecasts your future demand (sales & usage) initially by analysing your history and then applying to this comprehensive options, outstanding transactions and factoring. Using the quantity currently in stock the forecast demand the available stock is then forecast and from that purchase (or works) orders are suggested to ensure your future free stock is maintained within a minimum and maximum number of cover days of stock. With the optional Purchase Order Creation module these suggested Purchase Orders can be displayed in a list where they can be checked and modified then automatically created upon which they will appear as new Purchase Orders in the Exchequer daybook.

With the optional Works Order Processing module the system can become a mini MRP system handling the entire production process. Forecast (and actual sales) of manufactured items can drive demand for components which in turn can be automatically ordered taking into account lead times, production times and multiple levels of sub-assemblies. Works Orders can be automatically created and trialled with some extensive multiple order trial building functions. The process of committing (allocating) and issuing stock to and from the works orders can be tightly controlled. Component requirements on an order can be modified or substituted at any point, the cost of the item being built will be updated to reflect the components used.

IRIS Stock Forecasting - Powered by StockPlan - Electrics R Us (Licensed To: ** DEMONSTRATION ONLY **)

Plans Maintain Purchase Order Creation Works Orders Window Help

Plan List Plan Smry PO Create WO Daybk WO Create New WO Glob Omiss Man Drmds Opts Updtr Reports Exit

Plan List Plan Summary

Stock Code	Stock Desc	Stock Group	Main Supplier	In Stk Qty	Days Avail	Dem Qty	Avail Qty	Hist Av Qty
ALARMSYS-DOM-1	Domestic Alarm System, Model 1	COMPLETE SYSTEMS	ACEED2	115	93	15	75	13
ALARMSYS-DOM-2	Domestic Alarm System, Model 2	COMPLETE SYSTEMS	ACEED2	91	156	15	58	12
ALARMSYS-DOM-3	Domestic Alarm System, Model 3	COMPLETE SYSTEMS	ACEED2	523	76	700	43	12
ALARMSYS-DOM-4	Domestic Alarm System, Model 4	COMPLETE SYSTEMS	ACEED2	98	8	12	51	12
ALARMSYS-DOM-5	Domestic Alarm System, Model 5	COMPLETE SYSTEMS	ACEED2	110	109	13	85	12
ALARMSYS-INDUST	Industrial Alarm System	COMPLETE SYSTEMS	ACEED2	91	57	23	54	14
BAT-1.5AA-ALK	1.5 v AA Battery (4 pack)	BATTERIES	FARN01	138	114	20	92	13
BAT-1.5AAA-ALK	1.5 v AAA Battery (4 pack)	BATTERIES	FARN01	120	102	16	82	12
BAT-1.5C-ALK	1.5 v C Battery (2 pack)	BATTERIES	FARN01	104	97	13	90	13
BAT-1.5D-ALK01	1.5 v D Battery (2 pack)	BATTERIES	FARN01	1383	109	1189	190	13
BAT-9PP3-ALK	9 v PP3 Battery	BATTERIES	FARN01	808	79	13	779	12

Saved Filter Batteries and Complete Systems Only (usually purchased by Keith)

Plan for Stock Item: BAT-9PP3-ALK

Period Name	POrder Qty	SOrder Qty	WOrder Qty	Man Dem Qty	Used In Demand	Dem Qty	Avail Qty	Plan Del Qty	Plan Ord Qty	Plan Ord Val
B/Forward	1	21	0	0	0	0	0	0	0	0.00
Aug 2007	4	8	0	0	0	13	779	0	0	0.00
Sep 2007	15	41	100	25	141	307	487	0	632	2224.48
Oct 2007	35	34	0	25	388	447	707	632	0	0.00
Nov 2007	14	55	0	25	105	185	536	0	629	2214.08
Dec 2007	0	21	0	0	284	305	860	629	0	0.00
Jan 2008	0	0	0	0	288	288	572	0	0	0.00
Feb 2008	0	0	0	0	181	181	391	0	573	2016.96
Mar 2008	0	0	0	0	391	391	573	573	0	0.00
Apr 2008	0	0	0	0	286	286	287	0	609	2142.35
May 2008	0	0	0	0	287	287	609	609	0	0.00
Jun 2008	0	0	0	0	284	284	325	0	97	341.97

In Stock	Allocated	Days Avail	On Order	Stock Group	Main Supplier	Stock Type	Tag 1	Hist Av Qty	High Hist Qty	High Hist Prd	Last Hist Prd
808	180	79	69	BATTERIES	FARN01	Product	2	49	71	01/04/2007	64

Include: Planned Ords ☒ Purchase Ords ☒ B/Fwd Trans ☒ Zoom Default

Ready

Options for Stock Code: BAT-1.5AA-ALK

Item Factoring Omissions Sources

Period Length: ☐ Months ☒ Days 7

First day of working week Monday

Cover Type Cover Periods of Demand

Minimum 30.00 Days

Maximum 90.00 Days

Show 12 periods on plans

☐ No Planned Orders

Minimum Order Multiple 50.00

Minimum Order Qty 250.00

Weight 1.25 Kg

Volume 0.20 m3

Layout Set 4

☐ Protect Options

History Periods To Use 12

History Periods To Display 60

History Type AvPlus 3 Periods

☐ Start Average Calculation Qty 0.00

☐ Override Average History 0.00

Manual Demands Effect History By

Overriding Hist Qty

Manual Demands Effect Out Qty By

Overriding Out Qty If Greater Than Out Qty

Lead Time 30 Days

Shipping Time 60 Days

Stock Alloc Delay 2 Days

Force Due Date to Weekday N/A

Help Cancel OK

Cover Periods of Demand
Fixed Qty
Cover Periods Av Only

Average
Trend
Highest
Lowest
Regression
AvPlus

Overriding Hist Qty
Overriding Hist Qty If Greater Than Hist Qty
Combining With Hist Qty
Having No Effect On Hist Qty

StockPlan Features

- ▶ Forecasts your future sales based on sales history averages or trends, customer schedules, annual company/product growth, monthly/seasonal factoring, manual overrides
- ▶ Plans your future manufacturing requirements and works orders.
- ▶ Plans your future purchases to cover sales and usage based on a Min/Max periodic cover system or min/max quantities with full support for lead times, ship times, minimum order qty's, minimum order multiples.
- ▶ Performs full MRP functionality. Starting from the forecasted sales of items you build or buy working all the way down to automatic purchasing of the components to satisfy the requirements to build those items taking into account all lead times, sub assemblies, assembly times, stock on the shelves, stock already allocated, your requested cover stock and much more. All this information is displayed clearly in a presentable and easy to understand way with full drill down throughout to see exactly how the figures were arrived at.
- ▶ Comprehensive set of options and parameters to configure the system to work how you want it whilst still being easy and straight forward to understand. These options can provide a logic to enable the StockPlan Planning and MRP engine to suit just about any situation.
- ▶ Includes comprehensive Works Ordering system with automatic creation of works orders based on forecasts, back to back works order creation from sales orders, Work In Progress functionality, substitutions, part completions, trial builds, etc.
- ▶ Facilities to combine sales historical demand information from several different stock items into a single plan and purchase as a single item. You can assign a multiplier to each source item to cope with the same item being sold under different stock codes as different pack qty's.
- ▶ Powerful filters and reporting to let you work with just the items you want to. e.g. all items in stock group 'x' with less than 3 periods worth of stock, or all items from Supplier 'y' that must be ordered by December 2nd 2005. Filters/Criteria can be saved and recalled instantly.
- ▶ Automatically creates purchase orders in the linked accounts system (Exchequer Enterprise)
- ▶ Seamless links to the accounts system to extract stock, builds, sales history, etc. With over 10 years experience of linking applications to accounts systems such as those from Exchequer and Sage, we have provided close integration to the linked accounts system.
- ▶ Full Multi-Location Stock Support
- ▶ Full networked multi-user support with individual user permissions (you can grant/deny certain users access to specific areas of the system) with password based logins.
- ▶ Easy to use and highly configurable screens and lists, many of these can include your own choice of columns, sort orders and sizes and these are all retained specific to each user..
- ▶ Working periods can be set up as any number of days from 1 to 365 or you can opt to work in calendar months. Each item can have different period settings or this can be sourced from the items stock group, supplier or from the global settings. When viewing the main plan screen you can zoom in and out in terms of period length letting you view the forecast in days, weeks, fortnightly, 4 weekly or monthly.
- ▶ Includes powerful facilities to handle forecasts and demands for new items which have never been sold or built before. For example you can use demand from obsolete items to drive the forecast for new items. You can choose how long this should happen until the plan reverts to the new items own information.
- ▶ Quickly and easily remove entire customers past and future demand from the forecasts. In case you lose a customer or a customer decides not to take a certain product the system can plan around this so you do not go overstocked. The customers history is still retained and can be viewed but it simply no longer drives future demand.
- ▶ Financial planning, in addition to viewing forecasts in terms of quantities you can also view the forecasts in terms of finance. You can view values of historical sales, values of predicted future sales and values of predicted stock holdings throughout the year.
- ▶ Use the Responders facility to automate reports and emails. Stock & Production statistics can be checked against your criteria and exception reports emailed on a automatic scheduled basis.
- ▶ Other key features in summary - Multi-Company Manager, Single Location Mode, Reports, Plan Summaries, Back To Back Works Ordering, Trial Build, Import/Export Manual Demand Schedules and Options from/to Excel.

To find out more go to:

www.minervasoftware.com

or

www.business.iris.co.uk/products/exchequer_from_iris_enterprise/distribution/stock_forecasting.aspx

Stock Forecasting Optional Purchase Order Creation Module

Purchase Order Creation - Suggested Orders Up To And Including: 31/08/2007

Status	Stock Code	Description	Supplier	Supp Part No	Due Date	Sugg Qty	Ord Qty
Ready	CAB-SIGNAL-4CORE	4 Core Signal Cable	ACEE02	259-405	24/08/2007	13350	13350
Ready	FUSE-15AMP-240V	15 Amp Fuse (240v)	ACEE02	926-569	24/08/2007	680	680
Ready	CAB-SCREENED-AUD	Screened Audio cable	ACEE02	259-404	24/08/2007	11115	11115
Ready	CAB-SIGNAL-6CORE	6 Core Signal Cable	ACEE02	259-406	24/08/2007	40785	40785
Ready	CAB-MAINS-1MM	1.0mm mains cable	ACEE02	259-400	24/08/2007	3669	3669
Ready	CONTPANEL-2ZONE	2 Zone control Panel	CHUB01	OS/7902	24/08/2007	850	850
Ready	CONTPANEL-4ZONE	4 Zone control Panel	CHUB01	OS/7903	24/08/2007	371	400
Ready	BLANKINGPLATE 1G	Blanking Plate 1 gang	FARN01	987-384	24/08/2007	1162	1162
Not Ready	LABEL SIREN	Siren Label	GREE02	926-582	24/08/2007	635	635
Not Ready	LABEL MAINS	Mains Warning Label	GREE02	926-581	24/08/2007	1270	1270
Ready	FLD-BULK-IP54	Bulkhead Luminaire - IP54	OSRA01	MTE 90	24/08/2007	448	448
Ready	FLD-IREF-FLOOD	Passive Infra-Red Controlled Floodlight	OSRA01	MTE 93	24/08/2007	776	776
Ready	CAMERA-COLOUR-HR	Colour Camera High Resolution	RSC001	RS56669	24/08/2007	482	482
Ready	CAMERA-DUMMY	Dummy Camera with LED indicator	RSC001	RS88989	24/08/2007	289	289
Ready	CAMERA-MONOCHROM	Monochrome Camera	RSC001	RS33333	24/08/2007	200	200
Ready	CONTSURFACEMOUN	Surface Mounted Contacts set	RSC001	OS/7901	24/08/2007	10866	10866
Ready	BEACON-RED-24V	Red Beacon 24v	RSC001	9076-236	22/11/2007	1361	1361
Ready	DOORLOOP	Door Loop	RSC001	67Y/TR	24/08/2007	2850	2850
Ready	BEACON-AMBER-24V	Amber Beacon 24v	RSC001	9076-234	24/08/2007	1311	1311
Ready	BELL-96DB-12V	96Db Bell, 12 v	RSC001	9076-237	24/08/2007	1944	1944
Ready	BEACON-BLUE-24V	Blue Beacon 24v	RSC001	9076-235	23/10/2007	2441	2441

Create Separate Orders Per: Total Weight: Kg Current Supplier: ☒ All ☐

Sort List By: Total Volume: m3

Total Qty: Sync Plan: ☐

Buttons: Close, Fill List, Update Qty's, Create Orders, Open Plan, Add, Delete, Edit, Del Processed, Print/Email, Export, Multi Set, Toggle Status, Recent Pur, Total Value, Save List, Load List

Purchase Order Item

Stock Code:

Description:

Supplier: Order Date:

Supplier Part No: Due Date:

Location: Suggested Qty:

Nom Code: Order Qty:

CC/DP: Your Ref:

Unit Weight:

Unit Volume:

Notes:

Buttons: Cancel, OK

Recent Purchases for Stock Code: CONTPANEL-4ZONE

Tran Date	Our Ref	Their Ref	Supplier	Supplier Name	Price	Qty
12/12/2005	PIN000841	POR000538	CHUB01	Chubb Fire Systems Limited	112.70	16
12/12/2005	PIN000849	POR000561	CHUB01	Chubb Fire Systems Limited	112.70	15
05/12/2005	PIN000830	POR000554	RSC001	RS Components Limited	98.00	20
05/12/2005	PIN000825	POR000532	RSC001	RS Components Limited	98.00	20
05/12/2005	PIN000831	POR000548	RSC001	RS Components Limited	98.00	40
20/11/2005	PIN000814	67887878	CHUB01	Chubb Fire Systems Limited	112.70	14
02/11/2005	PIN000792	POR000509	RSC001	RS Components Limited	98.00	35
02/11/2005	PIN000792	POR000509	RSC001	RS Components Limited	98.00	40
02/11/2005	PIN000792	POR000509	RSC001	RS Components Limited	98.00	20
04/10/2005	PIN000742	POR000468	RSC001	RS Components Limited	98.00	40
04/10/2005	PIN000742	POR000468	RSC001	RS Components Limited	98.00	20
04/10/2005	PIN000742	POR000468	RSC001	RS Components Limited	98.00	40
04/10/2005	PIN000742	POR000468	RSC001	RS Components Limited	98.00	14

Sort List: ☒ Tran Date ☐ Supplier ☐ Price

Buttons: Help, Close

Stock Forecasting Optional Works Order Processing

Works Order Creation - Suggested Orders Up To And Including: 02/12/2007

Status	Stock Code	Description	Loc	Ord Date	Due Date	Sugg Qty	Ord Qty	Notes
Ready	ALARMSYS-DOM-1	Domestic Alarm System, Model 1	AAA	24/08/2007	27/10/2007	122	122	
Ready	ALARMSYS-DOM-3	Domestic Alarm System, Model 3	AAA	24/08/2007	15/10/2007	123	123	
Ready	ALARMSYS-DOM-4	Domestic Alarm System, Model 4	AAA	24/08/2007	23/09/2007	141	141	
Ready	ALARMSYS-DOM-5	Domestic Alarm System, Model 5	AAA	24/08/2007	11/11/2007	105	105	
Ready	ALARMSYS-INDUST	Industrial Alarm System	AAA	24/08/2007	09/10/2007	143	143	
Ready	CAMERAKIT-ALL	Camera Kit for all models	AAA	24/08/2007	24/08/2007	593	593	
Ready	LABEL KIT	LABEL KIT	AAA	24/08/2007	24/08/2007	588	588	
Ready	SIREN-ASSY	Siren Assembly	AAA	24/08/2007	24/08/2007	588	588	

Create Separate Orders Per: Total Weight: Kg All Ords Current Item ☒

Sort List By: Total Volume: m3 All ☐

Buttons: Close, Fill List, Create Orders, Open Plan, Add, Delete, Edit, Del Processed, Print/Email, Export, Trial Build

Build Explorer for: ALARMSYS-DOM-1

Stock Code	Description	Qty
BAT-9PP3-ALK	9 v PP3 Battery	1
BELL-ENCLOSURE	Enclosure - Bell or siren	1
CAB-SIGNAL-4CORE	4 Core Signal Cable	20
CAMERAKIT-ALL	Camera Kit for all models	1
CONTSURFACEMOUN	Surface Mounted Contacts set	2
CONTPANEL-2ZONE	2 Zone control Panel	1
SENS-PIR	PIR Sensor	1
SMOKEDETECTBAT	Standard Smoke Detector - Battery	1
SIREN-ASSY	Siren Assembly	1

Buttons: Help, BOM, Collapse All, Expand All, Print, Open Plan, Close

Multiple Trial Build

Include Live Orders ☒ If ticked the trial build will also trial build live works orders.

Use Overall Stock ☒ If ticked the trial build will be based on the overall stock levels of the components as opposed to the relevant locations levels.

Set Status ☒ If ticked then the status of each planned order will be updated to flag if the order can be built or not, the Create Orders button can then be used to create all the orders which can be built ignoring those that can not.

Explode All Levels ☒ If ticked then the Trial Build will explode down all sub assemblies to the end level as required, if not ticked it will explode to the first level only.

Shortages Report ☒ If ticked then a report will be shown listing all the shortages for the orders that failed the trial build.

Comp Shortages Only ☒ If ticked then the Shortages Report will only list component level shortages and will not list sub boms.

Components Report ☒ If ticked then a report will be shown listing a summary of all the components required to build the orders that were successfully trial built.

Log Report ☒ If ticked then a report will be shown listing a detailed log of the Multiple Trial Build Process.

Failed Effect Free Stk ☒ If ticked then as the trial build proceeds the component stock required to build orders that fail the trial build will effect the free stock of the next orders to be trial built.

Priority:

Shortages Report Order:

Buttons: Close, Print SetUp, OK

New Works Order

Main Components

Stock Code	Stock Desc	Qty Required	Qty Committed	Q
BAT-9PP3-ALK	9 v PP3 Battery	10	0	
BELL-ENCLOSURE	Enclosure - Bell or siren	10	0	
CAB-SIGNAL-4CORE	4 Core Signal Cable	200	0	
CAMERAKIT-ALL	Camera Kit for all models	10	0	
CONTSURFACEMOUN	Surface Mounted Contacts set	20	0	
CONTPANEL-2ZONE	2 Zone control Panel	10	0	
SENS-PIR	PIR Sensor	10	0	
SMOKEDETECTBAT	Standard Smoke Detector - Battery	10	0	
SIREN-ASSY	Siren Assembly	10	0	

9 v PP3 Battery

Buttons: OK, Cancel, Add, Edit, Commit, Sub Order, Auto Commit, Rebuild All, Columns, Print, Delete, Help