



VALOGIX® PARTS PLANNER

Product Brochure

Experience the power of value-based inventory planning

Value You Gain

Valogix products provide dramatic results that help improve positive cash flow.

Savings

20% - 40%

Inventory Reduction

15% - 30%
Reduction in Stock-outs

6% - 15%
Reduction in Expedited Shipments



Improvements

15% - 25%
Increase in Sales & Revenues

5% - 12%
Productivity Gains



VALOGIX® Parts Planner



Developed in USA

VALOGIX® Parts Planner is a full-featured automated solution that improves the inventory planning process and employee productivity. It is easy to implement and easy to use. VALOGIX Parts Planner's advanced technology automates the key planning process steps in one solution:

forecasting - planning - replenishment - optimization

Valogix solutions forecast future demand, create a balanced optimized inventory, sets stocking levels, and creates replenishment orders automatically. You get an added benefit of improving your positive cash flow quickly and with less time and effort.

Valogix solutions provide rapid Return on Investment:

- Reduce inventory by 20% to 50%
- Improve productivity by 10% to 15% or more
- Reduce on going replenishment spending by 15% or more
- Reduce emergency shipments and stock-outs by 20% or more

Valogix Features

- No more manual work to determine:
 - forecasts
 - replenishment plan
 - stocking levels
 - reorder points
- Dynamic system keeps you current
 - The system adapts automatically as business conditions change
 - Alerts warn you of potential problems before they happen
 - Excess and obsolete inventory are immediately identified
 - System tracks data imports insuring up to date information
- VALOGIX® Accurate Planning Engine - the power behind the system
 - Runs multiple forecasting models to handle slow or fast movers
 - Optimization improves mix to reduce costs and increase service
 - Returns and Repairs are used Reverse logistics planning
 - Replenishment planning orders the right amount of new and repair parts



... Valogix does all this and more automatically

System Alerts

Alerts are your watchdog. They evaluate the data and business parameters running the system and if VALOGIX Parts Planner detects a potential problem, an alert is issued to the user. Alerts allow you to concentrate on those issues that may cause you to miss goals, objectives or customer orders.

Import File			Processes		
Name	Last Run Date	Status	Name	Last Run Date	Status
Item Master Balance	8/3/04 12:46 PM	Imported Without Errors	Planning	5/17/06 11:14 AM	Successful
Item Master	8/3/04 12:50 PM	Imported Without Errors	Month-End	5/8/05 4:07 PM	Successful
Item Master Detail	7/14/05 11:20 AM	Imported Without Errors	Forecast	4/12/06 2:13 PM	Started (0)
Item Number Master	8/3/04 12:50 PM	Imported Without Errors	Inventory Aging	5/17/06 11:14 AM	Successful
Location Master	8/3/04 12:16 PM	Imported Without Errors	Year-End		
Monthly History			History Rollup		

SYSTEM ALERTS						
D	Date	Item Number	Customer	Description	Location	Cc
<input type="checkbox"/>	08/03/2004	2702B-C		TR WORKGROUP CONC for part 11021165 conc	NEW YORK	E
<input type="checkbox"/>	08/03/2004	2712B-05		2712B-05 TR CONC-BAS IP/IPX	CHICAGO	E
<input type="checkbox"/>	08/03/2004	2712B-05		2712B-05 TR CONC-BAS IP/IPX	NLW YUHK	E
<input type="checkbox"/>	08/03/2004	2712B-05		2712B-05 TR CONC-BAS IP/IPX	LOS ANGELES	E
<input type="checkbox"/>	08/03/2004	2813-04		10BT CONC W/AUI-ADV IP	NEW YORK	E
<input type="checkbox"/>	08/03/2004	2813-04		10BT CONC W/AUI-ADV IP	LOS ANGELES	E

Automated Forecasting

Valogix employs sophisticated forecasting algorithms that automatically identify seasonal, random-demand, slow-moving, trend, and normal patterns. You can easily access an item’s history and forecast for review and it’s simple to make a manual change to the forecast—just change the number in any month and the system will automatically plan for the change you made while retaining the original value for future use if you decide to revert to the system-generated forecast.

Forecast Type		Forecast (12 mo)	Lead Time	Code	Returns Qty
S	33	2D	E	0	
Planning Code		Forecast Month	Order Freq	SL %	Total Network
	August	0	99	1	

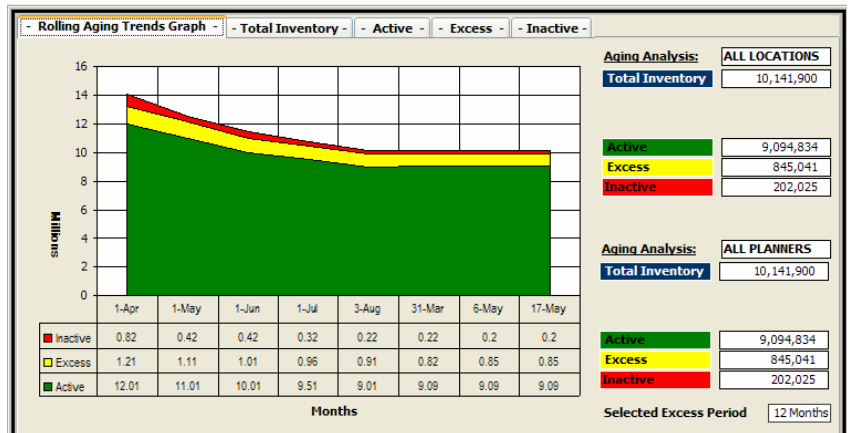
On Hand	On Order	Back Order	Allocated	SQ	Net
1	0	0	0	2	-1

View Sales History	Roll-Up History												Location History
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2001	4	2	1	2	5	5	5	7	5	8	8	5	57
2002	2	6	4	6	5	9	7	6	5	6	8	4	68
2003	4	3	3	6	3	12	15	10	6	7	8	7	84
2004	4	3	5	3	6	5	4	0	0	0	0	0	30

Sales Forecast	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
2004	0	0	0	0	0	0	0	5	3	4	4	3	19
2005	2	2	2	2	2	2	2	0	0	0	0	0	14

Inventory Aging Analysis

Inventory Aging Summary provides you with fast and reliable information on the status of your inventory by displaying Active, Excess, and Obsolete inventory positions on an easy-to-read graph. The goal is to reduce Excess and Obsolete while improving the Active inventory mix to meet customer orders. Cash flow projections help you to understand your investment decisions.



Automated Replenishment Planning

VALOGIX Parts Planner optimizes and recommends stock levels for all items. At any time, these levels can be manually edited or adjusted for special conditions. Once the stocking level is set, a replenishment requisition can be sent directly to the procurement system. Returns and repairs are included in planning. This automated replenishment planning eliminates guess work and manual effort, saving valuable time.

Total:		Items	211 Qty	616 Cost	188,166.99	Apprvd: Items	0 Qty	0 Cost	0.00
Filtered: Items		0 Qty	0 Cost	0.00	Balance: Items	211 Qty	616 Cost	188,166.99	
A	Item Number	Description	Location	Req'd Qty	Apprvd Qty	Total Cost			
	CS1036012	ET1100-16MB ETH 1 PRT PCKT PRB	CHICAGO	2	2	598.0			
	CS1036012	ET1100-16MB ETH 1 PRT PCKT PRB	NEW YORK	1	1	0.0			
	CS1036012	ET1100-16MB ETH 1 PRT PCKT PRB	LOS ANGELES	1	1	0.0			
	CS3936002	FE2200-8MB FE 2 PRT PRB	CHICAGO	1	1	811.0			
	CS3936002	FE2200-8MB FE 2 PRT PRB	NEW YORK	1	1	0.0			
	CS3936002	FE2200-8MB FE 2 PRT PRB	LOS ANGELES	1	1	0.0			
	CV0008013	ARN V12.03 CORP SUITE 8M	CHICAGO	3	3	278.7			
	CV0011013	ARN TKN RING EXPNSN MOD FELD U	NEW YORK	1	1	0.0			
	CV0011013	ARN TKN RING EXPNSN MOD FELD U	LOS ANGELES	1	1	0.0			
	CV0011025	SM DRAM SIMM SPARE/UPGRADE	CHICAGO	5	5	213.9			
	DA1501B16	NAUTICA 250 RTR ISDN S/T EUR	CHICAGO	5	5	1,164.0			
	DA1501B16	NAUTICA 250 RTR ISDN S/T EUR	NEW YORK	1	1	0.0			
	DA1501B16	NAUTICA 250 RTR ISDN S/T EUR	LOS ANGELES	1	1	0.0			
	DE3804006	LCPET-22 SINGLE USER 3051 750	CHICAGO	41	41	10,579.2			
	DE3804006	LCPET-22 SINGLE USER 3051 750	LOS ANGELES	2	2	0.0			
	DJ0011001	XLR1299PC PCMCIA FLSH MEM MOD	CHICAGO	3	3	120.3			

Inventory Optimization

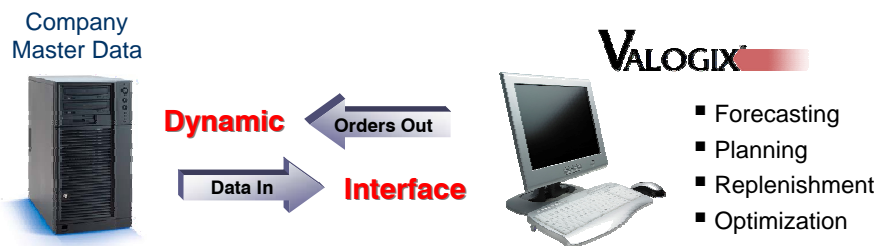
Having a good inventory strategy, mix and capital investment maximizes the ability to meet future customer demand. One of the key Valogix features is the automated inventory optimization. The system balances the inventory investment with business goals and objectives. The program pinpoints inconsistencies and exceptions to the business requirements in need of attention, allowing corrective action to be taken to meet needs while minimizing inventory investment.

Inventory Code	On-Hand + On Order	Ideal Inventory	Target Service Level	Summary:
Total Value	13,925,913	3,292,715		ALL LOCATIONS
Essential Items Value	13,697,617	3,260,811	100%	
Non-Essential Items Value	228,296	31,904	90%	

All Items		Essential Items		Non-Essential Items		
Item Number	Description	Location	Code	On Hand	On Order	Rep
AL2012A14	BAYSTACK 450-24: BASE UNIT	CHICAGO	E	422	383	
CL3104007	5629H 24P 10/100 ENET SW TCH	CHICAGO	E	46	61	
CU1004E32	8000 48-MODEM,2PRI /T1,RAC	CHICAGO	E	15	37	
74027-32	FRE2 060 32MB	CHICAGO	E	11	40	
AF0011023	ASN2 BS UNIT 0MB REDUND OSQ	CHICAGO	E	62	51	
CK1004E39	MODEL 5399 48-MOD,2PRI/T1,RAC	CHICAGO	E	17	10	
DS1404007	8148TX 48 PORT 10/100 EDGE MOD	CHICAGO	E	20	31	
CK1004B37	MODEL 5399 62MOD,2PRI /E1,RAC	CHICAGO	E	41	1	
75044	BCN/BLN2 P/S SPARE OSQ	CHICAGO	E	218	284	
AS1304008	ATMSPEED 4P MDA MCP HOST	CHICAGO	E	36	43	
28115	28115 WORK GROUP ENET SW OSQ	CHICAGO	E	7	15	

Valogix Compliments Your Business Management Software

Valogix solutions electronically import data from the existing business software. The VALOGIX® Accurate Planning Engine automatically analyzes the data, then calculates a forecast, optimal stocking quantity and replenishment plan as needed for all items. It determines how much to stock and when, and how much to order and transfer. The data exchange is automated through interfaces designed by Valogix.



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Product Features

History

- ◆ Roll-up Network Hierarchy History to higher levels (as required)
- ◆ User ability to Modify History (Archives actual)
- ◆ Monthly History - 3 previous years plus current year
- ◆ Roll-up Customer History to Network Distribution Warehouse
- ◆ Proxy History at the item level
- ◆ Weekly history displayed for up to 52 weeks

Forecasting

- ◆ Multiple forecast algorithms including proprietary seasonality & trend models
- ◆ System automatically selects best forecast algorithm
- ◆ Edit Forecast
- ◆ Proxy Item Forecasting
- ◆ Control seasonal metrics to fine tune seasonal forecasting

Planning

- ◆ Automatic calculation of optimal Stocking Quantity (Min)
- ◆ Plan based on optimizing service level
- ◆ Automatic calculation of shortage report for replenishment and/or transfers
- ◆ Supports Vendor Rules - lot size, min qty order by item
- ◆ Plan substitute and supercede items
- ◆ Reverse Logistics
- ◆ User ability to change quantity ordered or transferred
- ◆ Automatic calculation of optimal Valogix Order Quantity (Max)
- ◆ User ability to add items to the plan
- ◆ Ability to enter transfers to and from different locations
- ◆ Ability to consider entire network on-hand inventory before buying
- ◆ Time Phased Planning
- ◆ Ability to plan item groups
- ◆ Vendor Planning - plan to vendor \$ order min

Alerts

- ◆ Stock-Out
- ◆ New Item
- ◆ Ability to drill into item detail for any alert
- ◆ Demand Change - period to period

Inventory Analysis

- ◆ Ideal vs. actual inventory investment analysis
- ◆ Aging Analysis by active, excess and obsolete items

Edit/Simulations

- ◆ Edit Forecast
- ◆ Modify History
- ◆ Edit Lead Time at item, group or global level
- ◆ Edit Order Frequency at item, group or global level
- ◆ Item/Vendor Lead Time
- ◆ Edit and Control Parameter changes simulate different planning scenarios

Reports

- ◆ Approved Orders for Purchase
- ◆ Approved Orders for Internal Transfer
- ◆ History and Forecast
- ◆ Recommended Stocking Quantity
- ◆ Export to excel all tables (unfiltered data)
- ◆ Approved Orders for Internal Transfer with Bin location
- ◆ Export to excel all tables based on filtered log-in

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