



## Medical/Dental Equipment and Supplies

Experience the Value of Inventory Planning & Optimization

### A smart solution for your service parts and supplies inventory

**Medical equipment parts inventory planning has never been easier:**

- Reduce inventory expense
- Increase customer satisfaction and up-time
- Improve productivity
- Receive rapid return on investment
- Automatically project future needs without time-consuming manual analysis

*"We used to spend all day, everyday creating orders by running multiple reports to avoid over and under purchasing. Since implementing VALOGIX, we create our orders in less than three hours.*

*We have increased our productivity by 30 hours a week and by only ordering what we need, we've significantly reduced our excess stock while at the same time, increasing service levels across all of our lines."*

Maurice Riley, Camlab Ltd

VALOGIX® Parts Planner is designed for medical and dental companies and facilities that want to manage their parts and supplies inventory quickly and efficiently. VALOGIX Parts Planner's advanced technology automates the most important steps of the parts planning process and recommends part stocking levels. At any time, levels can be adjusted for special conditions. Once the stocking level is set, a replenishment requisition is sent directly to the procurement or purchasing system.

VALOGIX Parts Planner provides planning groups allowing you to setup critical parts that always must be in stock. You can even track manuals, tools, diagnostic parts and more.

### Equipment Service Support and Supplies

Manage and optimize the availability of key items like:

- Power supply units
- Tubes
- Actuators
- Control units
- Belts
- Bearings
- Circuit boards
- Lamps, and more



### VALOGIX Parts Planner automatically:

- Sets the optimum stocking quantity for each item eliminating the need to manually set min/max and reorder points
- Forecasts demand for the next 12 months
- Issues suggested orders for replenishment to ensure on-hand inventory can meet demand
- Identifies excess and inactive inventory

## How It Works

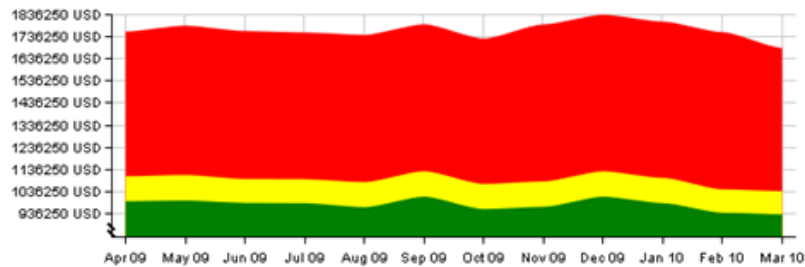
VALOGIX® Parts Planner starts by reviewing the forecast, service requirements, inventory balances, and open orders. Then, using a combination of advanced business rules and service variables, it automatically calculates the **Stocking Quantity (SQ)** for each part. A negative *Available Quantity* lets you know your ability to meet projected future demand with current inventory is reduced. The system automatically alerts you of what is needed by part. Reorder information can then be sent to the designated transaction system for processing.

## Inventory Aging Summary

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

### SUMMARY

#### FORWARD AGING ANALYSIS



## Planning Groups

The Planning Group capability will enable planners to define groups of item/locations, and then set default parameter values for all items in the group. More importantly, all item/locations in a Planning Group will be reviewed on the same schedule—and will *only appear when scheduled for review*.

This capability allows the planner to insure planning for critical items receives the high attention customers demand. Planning can be done as often as desired. Planning parameters can be set differently for each group for more concise planning.

Some of the planning parameters include frequency of review, even specifying the day of the week, service levels, type of replenishment method and more.

| PLANNING GROUP PROPERTIES             |  |
|---------------------------------------|--|
| Property                              | Value  |
| Planning Group Name                   | Critical Items   |
| Description                           | Must Have in stock   |
| Forecast Flag                         | True   |
| Optimize Flag                         | True   |
| Plan Flag                             | True   |
| Review Frequency                      | SemiMonthly  |
| Day One of Month                      | 1  |
| Day Two of Month                      | 15   |
| Days Of Week                          | S <input type="checkbox"/> M <input type="checkbox"/> T <input type="checkbox"/> W <input type="checkbox"/> T <input type="checkbox"/> F <input type="checkbox"/> S <input type="checkbox"/> |
| Minimum Planning Horizon              | 0.0  |
| Planning Group Leadtime               | 0  |
| Replenishment Method                  | Months Of Supply   |
| Desired Service Level                 | 99.0   |
| Months Of Supply                      | 2.0  |
| Trend Length                          | 12   |
| Maximum Number of Zero History Months | 3  |
| Minimum History For Trend             | 8  |

Cancel Next Finish

## Easily review, approve and submit orders

VALOGIX Parts Planner recommends stock levels for all parts. At any time, these levels can be manually edited or adjusted for special conditions. Once the stocking level is approved, a replenishment requisition can be sent directly to the procurement system, purchasing agent or transaction system. Automated replenishment planning takes the guess work out and saves valuable time.

**SUMMARY**

|                              | Planning Group(s) | Filtered List | Pending Replenishment | Released for Order | Deferred  | Remaining Negative Net |
|------------------------------|-------------------|---------------|-----------------------|--------------------|-----------|------------------------|
| Line Count with Negative Net | 64                | 68            | 0                     | 3                  | 1         | 64                     |
| Required or Approved Cost    | 4,886,032.00      | 10,751,558.00 | 0.00                  | 28,898.00          | 28,429.00 | 4,886,032.00           |
| Total Line Count             | 240               | 68            | 0                     | 3                  | 1         | 64                     |

**FILTERS**

Display:  Priority Codes:  Net:

Planning Groups:  Location:  Required Quantity:

Item Number:  Item Class:  Stocking Quantity:

Description:  Primary Supplier:  Shortage Ratio:

Unit Cost:  Total Cost:

**SCHEDULED PLANNING**

Customize Columns | Export Table to Excel

| <input type="checkbox"/> | Item Number | Description            | Location | Net Quantity | Required Quantity | Approved Quantity                 | Action                                | Supplier                        | SQ                                | Shortage Ratio | Roll Date                         |
|--------------------------|-------------|------------------------|----------|--------------|-------------------|-----------------------------------|---------------------------------------|---------------------------------|-----------------------------------|----------------|-----------------------------------|
| <input type="checkbox"/> | P10006      | Jamie Oliver 6-pc Cool | 02       | -0.15        | 0.15              | <input type="text" value="0.15"/> | <input type="text" value="Transfer"/> | <input type="text" value="01"/> | <input type="text" value="0.15"/> | -1.00          | <input type="text" value="2014"/> |
| <input type="checkbox"/> | P10006      | Jamie Oliver 6-pc Cool | 02       | -0.15        | 0.15              | <input type="text" value="0.15"/> | <input type="text" value="Transfer"/> | <input type="text" value="01"/> | <input type="text" value="0.15"/> | -1.00          | <input type="text" value="2014"/> |

## Part History and Forecast

You can easily access a part's history and forecast for review. It's easy 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. The system will generate a forecast up to 36 months.

**HISTORY & FORECAST GRAPH**

Volume vs Months (Jan-Dec) for years 2006, 2007, 2008, 2009, 2010.

**HISTORY**

|      | Jan     | Feb     | Mar     | Apr     | May     | Jun     | Jul     | Aug     | Sep     | Oct     | Nov     | Dec     | Totals   |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 2006 |         |         |         |         |         |         |         |         |         |         |         |         |          |
| 2007 | 1,042.0 | 1,010.0 | 1,027.0 | 29.0    | 30.0    | 159.0   | 275.0   | 303.0   | 432.0   | 650.0   | 847.0   | 940.0   | 6,744.0  |
| 2008 | 1,019.0 | 932.0   | 1,036.0 | 848.0   | 930.0   | 750.0   | 850.0   | 945.0   | 841.0   | 854.0   | 943.0   | 1,033.0 | 10,981.0 |
| 2009 | 1,055.0 | 1,016.0 | 1,030.0 | 1,854.0 | 909.0   | 1,068.0 | 1,073.0 | 1,054.0 | 933.0   | 1,032.0 | 1,044.0 | 943.0   | 13,011.0 |
| 2010 | 1,336.0 | 1,521.0 | 1,047.0 | 1,225.0 | 1,271.0 | 1,335.0 | 1,283.0 | 1,260.0 | 1,308.0 | 1,438.8 |         |         | 13,024.8 |

**FORECAST Trend (218.4)**

|      | Jan     | Feb     | Mar     | Apr     | May     | Jun     | Jul     | Aug     | Sep     | Oct     | Nov     | Dec     | Totals   |
|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 2010 |         |         |         |         |         |         |         |         |         |         |         |         |          |
| 2011 | 1,229.8 | 1,236.6 | 1,243.5 | 1,250.3 | 1,257.1 | 1,264.0 | 1,270.8 | 1,277.7 | 1,284.5 | 1,291.3 | 1,298.2 | 1,305.0 | 15,208.8 |
| 2012 | 1,311.8 | 1,318.7 | 1,325.5 | 1,332.3 | 1,339.2 | 1,346.0 | 1,352.8 | 1,359.7 | 1,366.5 | 1,373.3 | 1,380.2 | 1,387.0 | 16,193.0 |
| 2013 | 1,393.8 | 1,400.7 | 1,407.5 | 1,414.3 | 1,421.2 | 1,428.0 | 1,434.8 |         |         |         |         |         | 9,900.4  |

## Inventory Investment Analysis

Having a good inventory strategy, part mix and capital investment maximizes your ability to meet future customer demand. One of the key tools the program offers is the ability to compare current inventory investment, part mix and capital investment versus the VALOGIX Planner recommended inventory investment. The program pin points inconsistencies and exceptions to the business requirements that need attention. This information allows for corrective action to be taken to meet needs while minimizing inventory investment.

**SUMMARY**

|                  | Actual Inventory | Ideal Inventory | Adjusted Ideal Inventory | Count |
|------------------|------------------|-----------------|--------------------------|-------|
| Valogix SQ       | 50,847.00        | 33,948,482.36   | 33,952,709.02            | 37    |
| Special Order    | 0.00             | 0.00            | 0.00                     | 0     |
| Min/Max          | 0.00             | 0.00            | 0.00                     | 0     |
| Months Of Supply | 0.00             | 0.00            | 0.00                     | 0     |
| Total            | 50,847.00        | 33,948,482.36   | 33,952,709.02            | 37    |

**FILTERS**

Item Number:  Descriptions:

Location:  Item Class:

Planning Group:

**INVESTMENT ANALYTICS**

| Item Number | Description                     | Location  | Planning Group         | Item Class      | Actual Inventory(USD) | Ideal Inventory(USD) |
|-------------|---------------------------------|-----------|------------------------|-----------------|-----------------------|----------------------|
| DR1         | Colorado Downriver Racing Kayak | Nashville | Default Planning Group | Downriver Kayak | 0.00                  | 0.00                 |
| DR1         | Colorado Downriver Racing Kayak | Eastern   | Default Planning Group | Downriver Kayak | 0.00                  | 0.00                 |
| DR1         | Colorado Downriver Racing Kayak | Central   | Default Planning Group | Downriver Kayak | 6,252.00              | 0.00                 |
| DR1         | Colorado Downriver Racing Kayak | Western   | Default Planning Group | Downriver Kayak | 0.00                  | 0.00                 |



For over 23 years, the Valogix founders have been innovators in inventory planning and optimization solutions. Valogix is now represented in over 36 countries and offers solutions in four languages.

### Rapid Return on Investment

Valogix delivers ready to use solutions that are very easy to use, affordable, and provide you with a high rate of return. If you answer yes to any part of the following questions, Valogix can help.

What are your inventory goals and objectives? Do you want to:

- Reduce inventory by 20% or higher?
- Reduce expedited and emergency shipments by 35% or more?
- Improve productivity by reducing planning time by 60% or more?
- Control and reduce replenishment spending by 15% or more?
- Improve customer satisfaction by having the right items available when your customers want them?
- Generate more sales and do cross-selling and up-selling?
- Reduce stockouts on both key items and seasonal items?
- Improve supplier relations?



### The Bottom Line

We know you work hard every day. You may think your inventory is under control, but can you be sure? Each day you are not using Valogix solutions, you are missing out on the opportunity to **free up CASH**. For example, based on an inventory value of \$1,000,000 and an average inventory reduction and productivity gains of approximately 31%, you could free up as much as \$310,000! It doesn't get any easier.

**Call: 518-450-0309 • Email : [salesinfo@valogix.com](mailto:salesinfo@valogix.com) • Web Site: [www.valogix.com](http://www.valogix.com)**

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