

ARKIEVA

# INVENTORY ANALYZER

## Arkieva Inventory Analyzer

Inventory management isn't just a matter of reducing stocks; it is an ongoing process of replenishing and rebalancing pockets of inventory to ensure that you've got the right amount available to meet demand. Too much and you're wasting cash, too little and you've disappointed a customer.

Arkieva Inventory Analyzer provides the data, metrics, and views of performance that leading manufacturers use to sustainably reduce inventory investment. Arkieva Inventory Analyzer mines volumes of demand and inventory data for you, so you can manage problems by exception and focus your attention on other business objectives. Arkieva Inventory Analyzer provides an immediate tool for right-sizing stocks and maintaining optimum levels of inventory investment across distributed stocking locations regardless of your current processes, people, or back-end ERP system.

### Inventory Analyzer Benefits

- // **Knowledge product:** The data, metrics and reports used to manage inventory health are built into the tool
- // **Cash flow focused:** Inventory Analyzer capabilities have driven inventory reductions of up to 30%
- // **Exception-based solutions:** Arkieva highlights large dollar opportunities for you
- // **Pre-configured:** Arkieva Inventory Analyzer does not require changes to your people, process or planning technologies to have immediate impact of cash

| Finished Goods Reduction Possible \$ |              |                |              |               |              |
|--------------------------------------|--------------|----------------|--------------|---------------|--------------|
| Usage Class                          | Data         | Usage Variance |              |               | Grand Total  |
|                                      |              | Low Variance   | Med Variance | High Variance |              |
|                                      | Reduction \$ | 708,898 ↓      | 13,452,695 ↓ | 31,733,838 ↓  | 45,895,431 ↓ |
| A                                    | Reduction \$ | 708,898 ↓      | 9,413,116 ↓  | 0 ↓           | 9,922,718 ↓  |
| B                                    | Reduction \$ | 0 ↓            | 1,753,030 ↓  | 10,239,586 ↓  | 11,992,616 ↓ |
| C                                    | Reduction \$ | 0 ↓            | 2,267,763 ↓  | 11,382,515 ↓  | 13,650,278 ↓ |
| X                                    | Reduction \$ | 0 ↓            | 18,786 ↓     | 10,311,033 ↓  | 10,329,819 ↓ |

Arkieva Inventory Analyzer provides a high-level view of cash that can be released from raw, intermediate, and finished goods inventories

| Turns By Margin \$ |              |              |              |              |              |
|--------------------|--------------|--------------|--------------|--------------|--------------|
| Inv Turns Class    | Data         | High Margin  | Med Margin   | Low Margin   | Grand Total  |
|                    | Total Inv \$ | 13,878,050 ↓ | 12,397,205 ↓ | 25,996,574 ↓ | 52,271,829 ↓ |
| High Turns         | Total Inv \$ | 0 ↓          | 0 ↓          | 28,842 ↓     | 28,842 ↓     |
| Med Turns          | Total Inv \$ | 8,865 ↓      | 0 ↓          | 0 ↓          | 8,865 ↓      |
| Low Turns          | Total Inv \$ | 13,869,185 ↓ | 12,397,205 ↓ | 25,967,732 ↓ | 52,234,122 ↓ |

Financial and operational metrics monitor inventory health

### Inventory Analyzer User Benefits

- // Provides a continuous, current view of inventory investment – in units and in dollars
- // Mines inventory and demand data to highlight problem areas on a continuous basis
- // Identifies inventory as dead, sparse, new, and active, and recommends policies including make to order, make to stock, and make to negotiate
- // Provides multiple calculations for safety stock, batch size, target stock, as well as user-defined rules to support items requiring special treatment

## Do We Have the Right Mix for the Uptick?

Arkieva Inventory Analyzer includes the data, metrics, and performance views leading supply chain planning teams use to support optimum inventory health. The tool provides out-of-the-box analytics that will immediately highlight excesses and/or shortages.

Additional capabilities allow users to improve policy recommendations for individual items including make-to-stock, make-to-order, and make-to- negotiate.



Detailed inventories versus target over time are available graphically and numerically, in dollars and in pounds/kgs to allow supply chain personnel to know the details of what to reduce

Arkieva Inventory Analyzer gives a

synchronized view of inventory at summary and detailed levels so you can manage by exception, yet act on what you see. Shipments, restocks, consumption, relabeling, cycle times, lot sizes, safety stocks, targets – all this and more is taken into account when identifying where corrections should be made. Far more than a static reporting tool, Inventory Analyzer provides supply chain managers with the information necessary – by location, material, and type of inventory – to act.

Managers are interested in the bottom line, and Inventory Analyzer provides a way to do this in financial and operational terms. How much cash can I free up right now? How does today's position compare against last week, or a month ago? Are we continuing to improve? What is causing disruptions? Arkieva Inventory Analyzer provides you with the ability to answer these questions.

Arkieva Inventory Analyzer is affordable, 100% Microsoft, and integrates easily with a company's ERP or planning system. The data inputs are identified, the analytics are pre-configured, and the output supports any operations team.



## Discover The Arkieva Difference

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## ABOUT US

Since 1993, Arkieva tools have been used in more than 200 unique applications around the globe, and most of our clients leverage Arkieva software to support collaborative planning teams in North America, Europe, and in Asia.