

**xIO**<sup>TM</sup> MRO Inventory Decision Support





## xIO™ MRO Inventory Decision Support

Reduce MRO Investment while improving Plant Capacity and Equipment Availability

### The MRO Inventory Challenge

MRO inventories are difficult to manage. There are pockets of items with consistently high demand, while others sit stagnant with occasional demand spikes. You hold critical insurance spares that you “have to have”, and over-stocked and obsolete items that you’ll likely never use. Additionally, ERP and EAM systems do not dynamically monitor and adjust Order Points, Order Quantities and Lead Times. This information is typically entered once when an item is first added to inventory, and then managed by exception – such as when a stock-out causes down-time.

*“I thought optimization meant less inventory. It really means the right inventory.”*  
– Plant Engineering Manager

The xIO MRO Inventory Decision Support Service is the only industry and commercially proven, web-based solution expressly designed for use with MRO inventories.

- Automatically sets inventory stocking levels based on current business conditions.
- Proactively identifies problem items.
- Publishes action lists for procurement, warehousing, operations, maintenance and finance.
- Available 24/7 via the web.

You have real-time feedback and control – when to purchase, change order quantities and lead times – with scientific support and prioritized analysis. For the first time, you can improve plant capacity and equipment availability while simultaneously reducing MRO investment!

### You Control the Outcome

A one-time setup is customized for your facility, typically in a single workshop day. There are more than 30 separate control parameters – set by you – to fine-tune your inventory requirements. These parameters are designed to improve material availability first, and cash-flow savings second. The xIO’s algorithms, using your specified inputs, consider every necessary variable including criticality, demand, price variability, seasonality and more.

### Automated Decision Support

The xIO MRO Inventory Optimizer enables you to make changes that will result in what ARC Advisory Group describes as “the number one ROI improvement initiative in the supply chain.” You now have the verified data to preempt and prevent future stock-outs. For the first time you’ll experience up-to-date, accurate lead times, and pinpoint where issues reside. The xIO ensures that the right parts are available in the right quantities... when you need them. The plant will not go down on your watch due to an empty shelf.

“We had a ‘boil the ocean’ approach to MRO improvements. The xIO has given us laser focus on tasks that bring real value. I now have real, objective measurements as to how my MRO investment is performing.” –  
Corporate Procurement Manager

All of this happens on a routine and predictable basis. The xIO is the only system that appropriately adjusts the order point and order quantity of every item – using a routine and auditable process. No more searching through different modules of ERP and EAM systems to manually review order mechanics.

## Trust Your Purchasing Process

Our orders being placed when they are required? What is the true lead time? Is my VMI/consignment program running me, or am I in charge? Am I buying items that I won’t need in the future? How am I going to have time to review the order mechanics of thousands of inventory items?

These questions are resolved for every item in your inventory, every month – automatically, using parameters set by you based upon your business requirements.

## Get the Proof

The xIO MRO Inventory Decision Support Service provides real KPI’s to demonstrate your purchasing effectiveness and supplier performance. It produces a list of actionable reports to further refine “best practice” in MRO inventory management. Where an item’s stock-out situation may create risk for your organization, the system will automatically report on the root cause of the problem. At the touch of a key, you will see who is responsible for a lead time problem, where the breakdown in ordering occurred, and if there was a problem in the receiving process. Most importantly these compliance issues are itemized and categorized for intervention.

## The Industry Standard

This level of support and accountability has never been available before. The xIO MRO Inventory Decision Support Service will free your time to focus on other priority tasks. An impact assessment is available for each line item to support ongoing decision making. It runs automatically – only requiring your input for items that require further review. Every relevant parameter, item history and special condition is presented in a simple and easy-to-use format. You make the decision with confidence.

## The xIO MRO Inventory Decision Support Service

- Provides decision support for purchasing, maintenance, operations and finance.
- Properly sets minimums and maximums.
- Calculates and confirms accurate lead times.
- Clearly presents KPIs in a web-architected environment.
- Identifies items in danger of stock-out - proactively.
- Directly uploads results to your ERP/EAM.
- Impact assessment of every transaction.
- Fast and easy implementation – typically less than 10 days, with no lengthy consulting engagements.
- 10 year track record in all asset-intensive industries.
- Achievable and Auditable ROI – 100% ROI within the first 90 days – guaranteed.

## Find out More

To find out how the xIO MRO Inventory Optimizer can boost cash flow and material availability, contact Xtivity Inc. today for a free consultation with your inventory.



## About Xtivity

Xtivity, Inc. is the developer of the xIO MRO Inventory Decision Support Service. Our sole mission is to assist asset intensive industries improve and simplify decisions related to MRO materials. The xIO is currently serving clients around the world in many industry segments including: Oil & Gas, Pharmaceutical, Food, Pulp & Paper, Power Generation, Transportation, Automotive, and Manufacturing.

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