

iMS

Unchaining Inventory

CASE STUDY



emcore[®]

Transforming Vision



Transforming Vision

Streamlining the advanced mixed signal

Successful companies like EMCORE Corporation, which is a leading provider of advanced Mixed-Signal Optics products, have growing pains. EMCORE provides the foundation for today's leading-edge defense systems and high-speed communication network infrastructure in fiber optics for high-speed broadband networks.

Growing organically EMCORE had two different fab locations on the same site. Each location utilized similar consumables, but each location was purchasing and managing their own consumables and storing them near the fab entrances. Usage was monitored by fab managers and requests came in as needed.



Streamlining the advanced mixed signal

In the summer of 2018 Emcore management decided that it had to proactively manage its logistics and bring it up to par with its world-leading R&D. The recognition was that EMCORE logistics should also be linear and high speed as their own products.

Emcore management understood that day to day logistics for high tech R&D & production companies is a special category for experts.

In an orderly and designated process EMCORE and IMS management met and laid out a comprehensive plan.

EMCORE's challenges:

1. Consumable were not monitored
2. Long and inefficient PO approval process
3. Multiple orders for the same items within the same weeks
4. No unified purchasing power



The solution

Conceptually

The solution

1. Consolidate items to one storage location
2. Consolidate orders (better pricing, less dead stock)
3. Consolidate items to reduce vendors
4. Proactive planning of PO

Practically

Set up bar code system

Computerized storehouse

Consolidate PO from vendors

Grown from 100- to 280 items under management. Consolidate information on a proven data system. Regular meetings with internal clients to better understand and forecast needs. Meeting with suppliers to update and identify bottlenecks to solve problems

One dedicated contact for all referrals



IMS advantages

- High quality professionals with 15 years of experience
- Fast and efficient service
- Responsiveness
- Transparency
- Advanced Information Systems
- Access to a broad local market of suppliers and services



Final process step

EMCORE built a cage as a storage location in their own warehouse with shelving. EMCORE brought their materials they felt should be in the cage and identified the parts they ordered frequently. IMS came in, organized the materials, barcoded each item, and set up an on-site computer for inventory management, which included setting minimum, maximum, and reorder point levels for each item.

EMCORE now pulls inventory from the cage as needed, recording the usage in the computer. IMS receives this information and replenishes materials as needed based on inventory levels. The items are shipped directly to EMCORE, received in the on-site computer, and restocked on the shelves.



IMS Overview

Inventory Management Solutions (IMS) is a leading inventory management and supply chain solutions company established in 2004, with headquarters in Mesa, Arizona, USA.

IMS provides customized inventory management and supply chain solutions for manufacturing companies, that are designed to reduce cost, improve inventory turns, create free cash flow, and reduce the administrative burden of managing a supply chain.

IMS provides inventory solutions to small and large manufacturing companies in various industries including semiconductor, microelectronics, pharma, aerospace, and energy. Our solutions allow the entire supply base to be consolidated and professionally managed, ensuring the right inventory is available at the right time at the right price.



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