



Material Master Data Solutions

Specializing in MRO & Indirect Materials

Onsite MRO Data Collection



Over time, MRO storerooms can become disorganized and cluttered with parts that are unaccounted for within the Enterprise Resource Planning (ERP) or Enterprise Asset Management (EAM) system. As a result, companies unknowingly carry obsolete items and continue to accumulate excess inventory. Additionally, maintenance personnel struggle to find parts when needed, which often leads to spot buys, increased equipment downtime, and more unnecessary inventory. That's where IMA comes in. We will assign a dedicated team of on-site MRO subject matter experts to physically identify parts in your storeroom, while recording pertinent data for entry into the ERP/EAM system. While we're there, we can also implement best practice storeroom strategies so that maintenance personnel can locate parts with ease and efficiency.

Standard Data Collected

Manufacturer Name
Manufacturer Part Number
Item Number/Stock Number
Part Description
Quantity On-Hand
Bin Location



FEATURES

- ✓ Custom Developed Scope of Work and Project Plan
- ✓ Resources Equipped with Android Tablets
- ✓ Assigned Team of On-Site MRO Spare Parts Experts
- ✓ Data Collection Performed Using a Specialized Mobile Application Developed By IMA
- ✓ Image Capturing and Storage Using Mobile Application
- ✓ Electronic Data Export and File Transfer

BENEFITS

- ✓ Efficient Part Search Ability and Locating
- ✓ Reliable On-Hand Quantities
- ✓ Avoidance of False Stock-Outs
- ✓ Increased Maintenance Productivity
- ✓ Reduced Equipment Downtime
- ✓ Improved Storeroom Organization and Safety
- ✓ Optimize Asset Performance and Management
- ✓ Optimize and Reduce On-Hand Inventory

Material Master Data Cleansing



As pioneers in MRO (Maintenance, Repairs and Operations) data management, IMA offers a data cleansing service unlike any other. With over 28 years of experience, IMA understands that each customer and project is unique, therefore, materials data must be cleansed accordingly. Using a strategic combination of automated and manual procedures, along with industry best practice standards, IMA tailors materials data to the specific business and system requirements of each customer. Throughout the process, IMA standardizes, enhances, and validates raw data to provide a material master that is consistent, attribute-rich, and free of duplication. Once clean, materials data is formatted to meet the specific configuration requirements of the chosen ERP/EAM/CMMS, including field type, character limitation and data arrangement.

Raw Customer Data

Ball Brg, 25mm 62052rs Skf

Level 1 | Cosmetic Cleanse

BEARING, BALL, SKF, 6205-2RS

Level 2 | Standardization

BEARING, BALL, 25 MM ID, SKF, 6205-2RS

Level 3 | Enhancement

BEARING, BALL, 25 MM ID, 52 MM OD, 15 MM WD, CONRAD,
SINGLE ROW, LIGHT DUTY, 2 SEALS, STEEL, SKF, 6205-2RS

FEATURES

- ✓ Comprehensive Project Plan with Milestones
Combined Automated and Manual Methodology
- ✓ Best practice IMA Noun-Modifier Dictionary
- ✓ IMA Master Parts Library (Millions of MRO Parts)
- ✓ International and Custom Product Classification
- ✓ Multi-Lingual Capabilities
- ✓ Customizable Approach and Standards to Meet
Unique Customer Requirements
- ✓ 28 Years Experience and Subject Matter Expertise

BENEFITS

- ✓ Duplicate Identification and Consolidation
- ✓ Efficient Part Search Ability
- ✓ Avoidance of False Stock-Outs
- ✓ Increased Maintenance Productivity
- ✓ Maximized ERP/EAM/CMMS Functionality
- ✓ Improved Spend Visibility
- ✓ Optimize and Reduce On-Hand Inventory
- ✓ Optimize Asset Performance and Management

Material Master Data Governance



Getting Material Master Data clean is only half the battle, keeping it that way can be just as challenging without the proper tools and business processes in place. Fortunately, IMA offers an innovative web-based Data Governance solution for maintaining long-term data integrity, consistency and compliance. Through a user-friendly web interface called *uManage*, users may login and submit new item creations, modifications, extensions and suspensions using customized request forms. The data governance process follows a role-based workflow to ensure all material master entries are approved, cleansed, and formatted to pre-defined data standards. Additionally, IMA's proven Data Governance solution provides a strict, multi-point duplicate prevention approach to ensure that the same item never enters the material master twice.

Requester(s)

Populate and Submit New Item Creation, Modification, Extension and Suspension Requests

Approver(s)

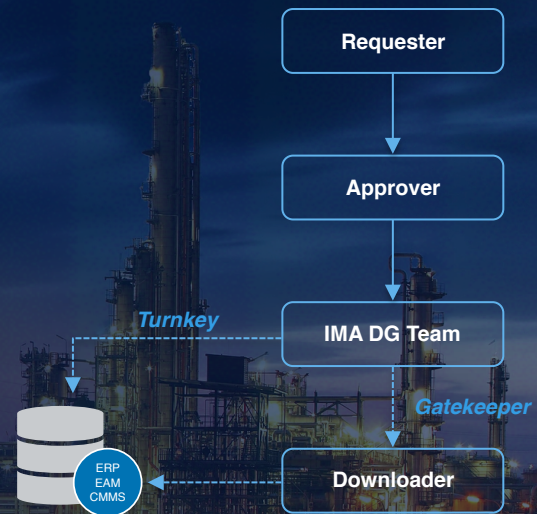
Review and Accept/Reject Pending Item Requests for Cleansing and Entry into ERP/EAM/CMMS

IMA Data Governance Specialist(s)

Standardize, Validate, Enhance and Format Incoming Items for Entry into ERP/EAM/CMMS

Downloader

Receive Completed (cleansed) Items and Enter Into ERP/EAM/CMMS



FEATURES

- ✓ Secure Web-Based Interface
- ✓ Restricted Role-Based User Access
- ✓ Real-Time Email Notifications and Status Updates
- ✓ Multi-Layer Approval Workflow
- ✓ Smart Part Search using "Fuzzy Search" Algorithm
- ✓ Enterprise Visibility – Search Plant or Client Level
- ✓ Customizable Request Forms
- ✓ Batch Upload for High Volume Activity
- ✓ Duplicate Prevention Technology with Pop-Up Alert
- ✓ Rapid Turnaround Time

BENEFITS

- ✓ Maintained Data Integrity and Consistency
- ✓ Compliance to Corporate Data Standards and Business Processes
- ✓ Efficient Part Search Ability
- ✓ No Hardware or Software Installation Required
- ✓ Minimal Workplace Disruption
- ✓ Maximum Enterprise System Functionality
- ✓ Enables Efficient Asset Management

MRO & Indirect Materials Inventory Optimization

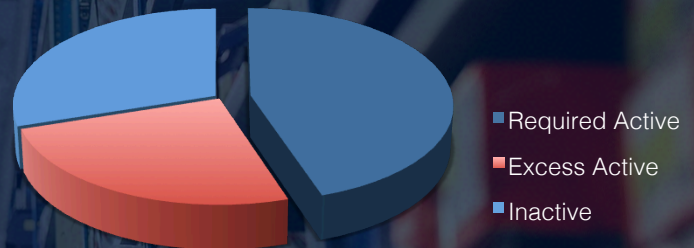


In today's competitive asset-intensive industries, companies must operate as lean and efficiently as possible, while maximizing production output. One of the greatest cost savings opportunities lies within MRO and Indirect Materials spend and on-hand inventory. In many cases, companies carry upwards of 25% in excess inventory due to insufficient materials data, incorrect MIN/MAX levels and historic accumulation (a.k.a. "Maintenance Hoarding"). For these situations, IMA offers a comprehensive Inventory Optimization service, which will analyze 12-24 months historic inventory data to identify Excess and Inactive materials, while calculating efficient stock levels. As a result, companies are able to gain valuable insight and analytics to effectively reduce on-hand inventory and MRO spend, while maximizing asset performance.

Historic Data to be Analyzed (12-24 Months)

Item Number
Manufacturer Name
Manufacturer Part Number
Part Description
Product Group (Category/Sub-Category)
Item Location (Plant/Storeroom)
On-Hand Quantity
Part Issues, Purchases, Receipts (Date & Quantity)
Unit of Measure (Unit of Issue)
Last Price Paid
Current ROP/ROQ or MIN/MAX

Inventory Categorization By Activity/Usage



FEATURES

- ✓ Electronic Data-Driven Approach
- ✓ Customer Variables Factored Into Formulas
- ✓ Formal Itemized Inventory Optimization Report
- ✓ Inventory Categorization Based On Usage (Required Active, Excess Active, Inactive)
- ✓ Identified Excess (Over-Max) Inventory
- ✓ Suggested Optimal MIN/MAX Calculations

BENEFITS

- ✓ Gain Visibility of Excess and Obsolete Inventory
- ✓ Set Optimal MIN/MAX Levels for Efficient Inventory and Asset Management
- ✓ Avoid False Stock-Outs
- ✓ Implement Inventory Disposition Strategies
- ✓ Generate Cash or Credit from Excess and Obsolete Inventory
- ✓ Reduce On-Hand Inventory and Carrying Costs
- ✓ Free Up Valuable Storeroom Space

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Try Our No Cost, No Obligation Data Evaluation

Get Started



Collect. Clean. Govern. Optimize.