



MASTER DATA MANAGEMENT

Master data management (MDM) is the way forward for high performance procurement organizations, but siloed item MDM information means data redundancy and often incorrect information — which could potentially leave you with inaccurate reporting and analytics, resulting in unwise decision-making. Add to that the high administrative expenses which come with redundant data maintenance. Manual cleansing and duplication are tactical approaches but not apt enough to meet the needs of fast-growing organizations in this era of digital transformation. Underlying data that is fragmented and of poor-quality means procurement organizations will not be able to arrive at the right decisions despite using the best processes and reporting.

GEP SMART™ represents a crucial change in item master data management — with real-time access to cleansed data, devoid of data inaccuracies and duplication. Implementing a single item MDM by integrating all materials in one database eliminates data redundancy, resulting in more accurate forecasting, warehousing, material inventory and purchasing.

DATA-DRIVEN SOLUTION FOR EFFECTIVE DECISION-MAKING

GEP's MDM is a cloud-based solution that integrates all item information in one database for a single version of the truth. GEP MDM is powered by intelligent search that delivers an exceptional user experience designed for realizing accurate, rapid business results. The high-performance architecture is scalable and can streamline your item master data management by supporting a host of features — ensuring you spend the least amount of time on data maintenance. With dynamic facets and filters, the intelligent fuzzy search feature in GEP's MDM solution enables you to search for items with the same experience as on any e-commerce website.

This is not just about lowering your initial costs — it's about leveraging your existing investments and infrastructure.

GEP's MDM reduces the total cost of ownership through seamless integration with other cloud and on-premise applications within and outside GEP's ecosystem. Reduced manual cleansing overhead translates into increased productivity. By leveraging the artificial intelligence and machine learning capabilities of GEP MINERVA™ to improve efficiency, the time to integration with applications is only weeks — not months.

KEY FEATURES

- Compatible with your existing infrastructure
- Scalable, cloud-architected for high-performance
- Reduced manual cleansing overhead
- Flexible workflow
- AI and ML-based quality and deduplication engine
- Intelligent fuzzy search with dynamic facets and filters
- Intuitive and configurable user interface
- Configurable and flexible BPM component as required



REAL-TIME ANALYTICS FOR UP-TO-DATE, RELIABLE DATA

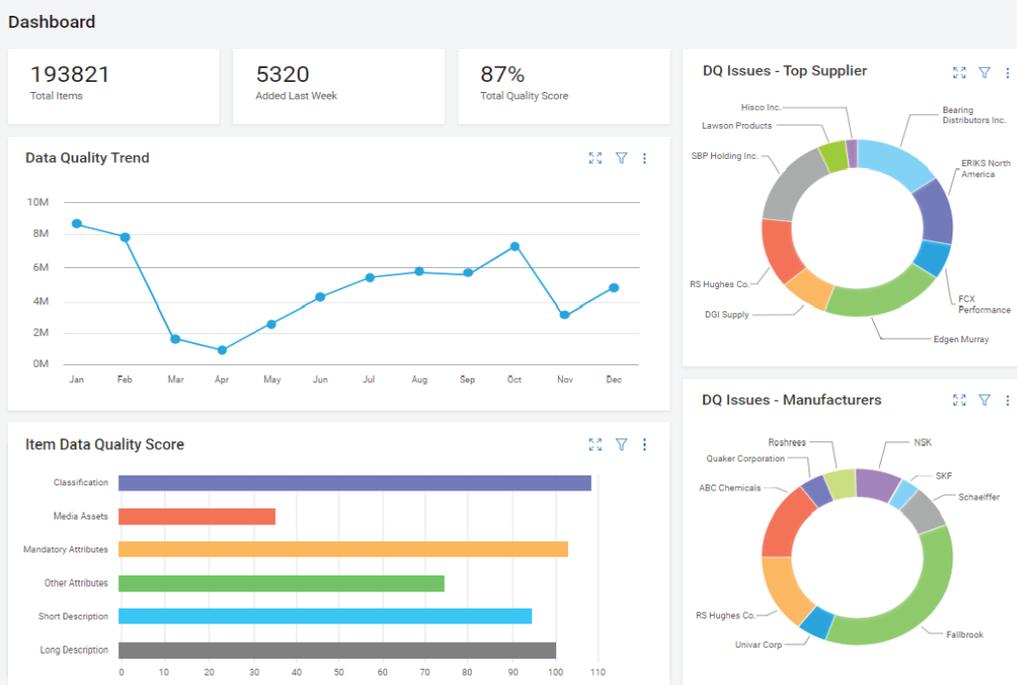
MDM implementations are a large effort, pulling data from various systems into the MDM and synchronizing it back. This is where GEP's Integrated solution has the advantage. With intelligent automation built in, GEP SMART delivers powerful capabilities that help procurement and supply chain organizations stay ahead — with item MDM that prevents duplication with validated checks every step of the way.

GEP uses a full range of proven data management techniques to minimize redundancy and inconsistency. The solution is flexible and ensures you can configure item data governance processes to create, edit, delete, merge and archive item level data.

With deep domain expertise and a knowledge base for item data, GEP ensures improved quality of master data by proactively and continually profiling, cleansing, validating, augmenting, synching and driving data stewardship — to fuel your strategy and decision-making with accurate and trustworthy data.

ADVANCED CAPABILITIES

- Integrated with GEP's S2P solutions
- Intelligent item search via descriptions and attributes
- Auto and predictive classification of item data using AI/ML
- Flexible and configurable item data governance processes
- Intelligent item duplicate prevention using GEP's knowledge base for item data
- Unique grid experience while working on bulk item data
- AI-based analytics and reporting tools to derive actionable intelligence
- Periodic incremental cleansing of item data as a service available



REAL DATA, REAL INSIGHTS, REAL BENEFITS

Typical organizations deploy various applications to solve their sourcing, contracting and procurement related challenges. The applications solve certain business problems, but they are not designed specifically for data management. This leads to fragmentation of the key master data across multiple systems which in turn leads to operational deficiencies and compliance issues.

With automatic attribute extraction and classification capabilities, GEP’s vast item knowledge base enables you to deconstruct or parse the specification data from part description to attribute. GEP’s intelligent MDM solution assigns classification such as UNSPSC to the item master data so that you don’t have to look beyond your common taxonomy and codes. The predictive classification is AI and ML-driven — to ensure the data across your enterprise is up-to-date, accurate and reliable at every instance. To further user engagement and insights via AI, GEP uses the latest technology stack such as Neo4j for graph database and Elastic for advanced search capabilities.

- Simplify searching of items with AI-based algorithms
- Enrich item data using GEP SMART’s item knowledge base
- Save time and effort with a flexible, configurable item data governance process
- Leverage AI/ML based proprietary matching technology
- Spend more time on strategic procurement activity and less time on validation checks with intelligent item duplicate prevention
- Supports custom and common taxonomies such as UNSPSC

| ATTRIBUTES | | NEW ITEM | 1432768 | 1432768 |
|--------------------------|--|--|---|--|
| Plant Name | | Vila Rica | Vila Rica | Vila Rica |
| Plant Number | | 113 | 113 | 113 |
| Item | | Bearing | Bearing | Bearing |
| Manufacturer | | Ball | Ball | Ball |
| BUOM | | EA | EA | EA |
| Category | | Deep Groove Ball Bearings | Deep Groove Ball Bearings | Deep Groove Ball Bearings |
| Manufacturer | | SKF | FAFNR | SKF |
| Manufacturer Part Number | | 6307 | 307K | 6308 |
| Part Description | | Bearing Ball, SKF, 35mm, 80mm, 21mm, Deep Groove | Bearing Ball FAFNR, 35mm, 80mm, 21mm, Deep Groove | Bearing Ball, SKF, 40mm, 90mm, 23mm, Deep Groove |
| Inside Diameter | | 35 mm | 35 mm | 40 mm |
| Outside Diameter | | 80 mm | 80 mm | 90 mm |
| Width | | 21 mm | 21 mm | 23 mm |
| Number Of Rows | | Single | Single | Single |
| Groove Type | | Deep | Deep | Deep |

Home 3980005

ac motor

Basic Details

ITEM NUMBER: 3980005
 MTR.AC.230/460V,1.1-1.0,5A,70HZ,1/4HP

MANUFACTURER NAME: BALDOR
 MANUFACTURER PART NO: MM3454
 CATEGORY: AUTOMOTIVE MOTOR AC
 CATEGORY CODE: 26191100

Attributes

| ITEM ATTRIBUTES | ITEM VALUE | UCM |
|------------------|------------|--------|
| Voltage* | 230/460 | Volt |
| Current* | 1.1-1.0,5 | Ampere |
| Frequency* | 70 | Hz |
| Power* | 1/4HP | HP |
| No. Of Phases* | Three | |
| Speed | 1725 | RPM |
| Insulation Class | B | |

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