



KEEPING YOUR EMPLOYEES, YOUR PRODUCTS AND YOUR CUSTOMERS CONNECTED



data management

Historically, companies have focused on solving for business problems such as market share, quarterly earnings, regulatory compliance, supply chain management or inventory management and often overlooked one of the key drivers of business – **THE QUALITY OF THEIR DATA!**

Quality data is at the heart of operational efficiency, knowledge-based decision making, and organizational success. More and more emphasis is being placed not on the products companies buy and sell, but on the information that describes those products, information about the vendors supplying the products, and customers that are buying the products. Companies hoping to realize the benefits of electronic procurement, asset management, inventory management, customer relationship management and web based business processes are finding out that before they can pursue those benefits, they need a clean, consistent, descriptive database of their customers and the products they hope to buy or sell.

To take advantage of the opportunities available, companies need a cost-effective, rapid -to-implement solution to clean and manage their product and customer information.

At Jobscope we provide a complete solution to unlocking “success” across many strategic initiatives. Our focus is on improving overall ROI and efficiency by transforming the quality and consistency of the enterprise data for customers.

Jobscope solves data quality issues across all types of data efficiently and completely. Enterprise data opportunities we deal with include financials, materials management, plant maintenance, production planning, supply chain and business intelligence.

Jobscope’s solutions are built around a unique methodology that combines tools, analysts and content subject matter experts to deliver significant cost savings and improvements enterprise wide.

Benefits

Jobscope’s data management services provide the rapid implementation, cost effectiveness, and data quality you need to stay competitive. Jobscope’s solution includes a blend of data data management tools and services to meet your business objectives.

▶ FAST IMPLEMENTATION

Data can be automatically pulled from various sources (databases, reports, etc.) and integrated into any format. The technology component significantly reduces the amount of manual work needed to blend data sources, ensuring that data is integrated in a matter of weeks, not months.

▶ ACCURATE DATA

Combining the Jobscope technology with an experienced data management team. Jobscope’s data management capabilities ensure that you have the accurate data you need to make business decisions. Jobscope cleans and standardizes data so you have a clear picture of your organization’s strengths and weaknesses, and can identify potential opportunities to increase revenue or reduce costs.

▶ COST EFFICIENT DATA AGGREGATION

Jobscope’s data management technology significantly reduces the amount of manual processing needed to clean and standardize data. And when manual processing is required, Jobscope offers an ISO 9000 qualified data management team to provide data standardization services. The speed of Partner technology and the lower line item manual processing ensures cost efficient data aggregation.

▶ OUTSOURCE THE ENTIRE PROCESS

Jobscope offers both the technology and the manual processing services necessary to aggregate business data. Using Jobscope’s comprehensive service, you can focus on other business priorities while Jobscope provides the quick, cost efficient data aggregation services you need.

Jobscope Components

ITEM CATEGORY IDENTIFICATION

Items are assigned to a product category based on industry standards such as UN/SPSC or an internal client standard. Category classification is an important function in order to apply the appropriate category taxonomy to an item (i.e. an industrial motor has different attributes versus a cutting tool) as well as to perform ex-post category analyses.

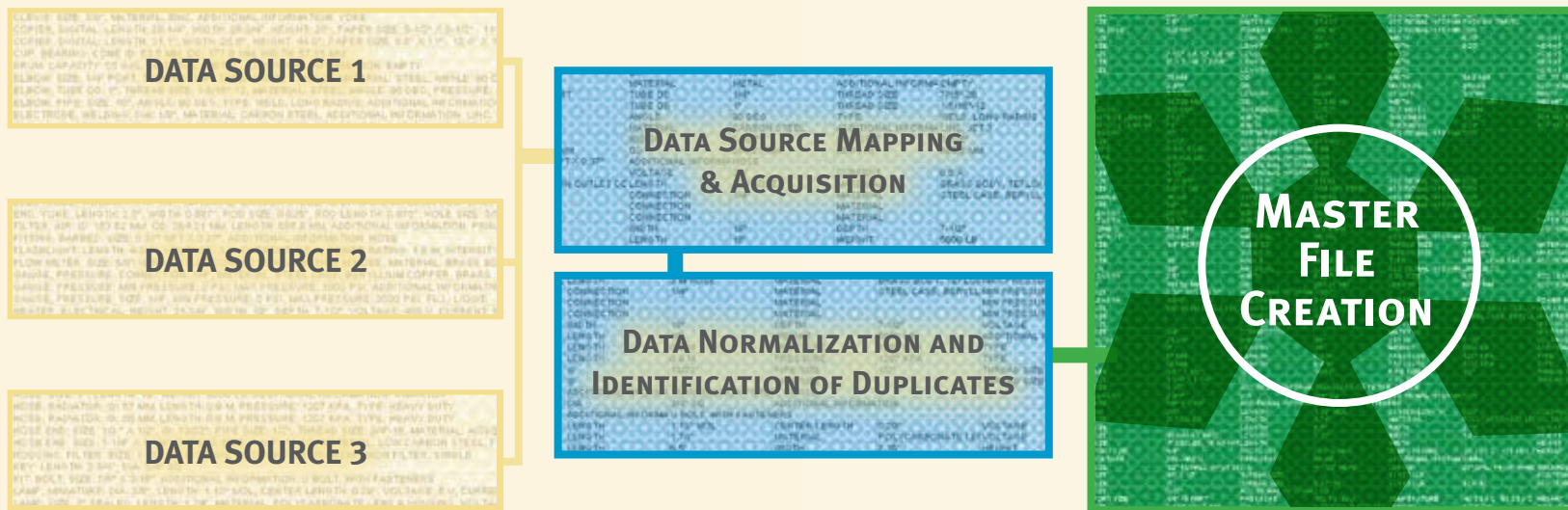
DECOMPOSITION

Decomposition is the process of breaking down compound words that are found in many product descriptions to help in the standardization process. These patterns need to be first “decomposed” or expanded before performing the standardization and taxonomy mapping functions. The Jobscope solution offers many ways to extract compound words based on specification of “patterns” or sequences.

STANDARDIZATION

Standardization is the process of converting abbreviations or variations found within product descriptions into unified and standard forms. To carry out this process, standard forms and variant values are defined at the “attribute/value” level.

Standardization is an important step in the creation of transactable content. The Jobscope solution offers the most comprehensive, flexible, and accurate standardization engine offered in the industry.



TAXONOMY MAPPING

Taxonomy is the specification of various attributes that are important in the description of a particular item. Taxonomies are defined for each product category and consist of attributes and corresponding values that describe an item. The Jobscope solution allows different attributes for each category, so the maximum number of attributes is determined by the number of categories processed. The ex-post analysis of data based on these attributes provides significant value from both a supply chain optimization and demand forecasting perspective.

REMOVAL OF DUPLICATES

In the event products are supplied by multiple suppliers, there exists the possibility that the same item may be supplied by different suppliers with different descriptions and/or inaccurate information. Most systems are also plagued with duplicate records with minor differences. Records that have a high probability are flagged as likely duplicates. In this way, duplicates within and across suppliers or plant databases can be identified and removed.

MASTER REFERENCE DATABASE

In the case where data is provided by multiple plants/procurement systems a master reference database (MRD) is derived containing all unique items found across all data sources. The MRD contains the unique items in their standardized form. The input source data is connected/linked to this MRD unique item database.

UNSPSC CODING

Items are coded with the most current global electronic commerce standard (ECCMA) www.eccma.org that provides a framework for classifying goods and services by commodity. This will provide data with segment, family, class and commodity codes.

DATA ENHANCEMENT

Item descriptions are enhanced, whenever possible, by passing the electronic item master through a Master Library of Parts or enhanced by manual collection of information. Client supplied catalogs are used; distributor’s catalogs, web pages and vendor supplied cd’s are another resource of enhancement information.

Data Management Services

Jobscope offers a broad array of customized data management services that can quickly solve your data problems at a dramatically lower cost than most in-house solutions. Through advanced workflow technologies, rules-based logic systems, advanced database technologies, and integrated, experienced labor support, Jobscope can tackle large-scale data management tasks in surprisingly short time periods.

▶ **FORMAT CONVERSION**

Jobscope can work with any data format you need to accommodate or to deliver to your business partners. Whether it's XML, cXML, CSV, text files, PDFs, or Web sites, Jobscope can aggregate, cleanse and deliver data in practically any format.

▶ **DATA ENTRY**

It is not uncommon for large data cleansing projects to also include legacy data that does not exist electronically. Jobscope can also help you simultaneously input, cleanse, and merge this data into your product catalog.

▶ **CATEGORIZATION & UN/ SPSC CODING**

Jobscope can assist in developing custom categorization schemes to vendor information, custom category codes to products, or industry standard product categorizations like UN/ SPSC to your data.

▶ **DATA STANDARDIZATION**

Jobscope can standardize your data, making sure those common identifiers, abbreviations, and acronyms are used in a consistent way through your data catalog.

For CRM or name and address data, Jobscope uses US Postal standards and can perform address validations including zip-to-state verification.

▶ **CLEANSING & DE-DUPING**

Jobscope can identify likely duplicate products in inventories, duplicate supplier or customer records, or even duplicate invoices and purchase orders. This prevents errors in your systems and reduces inventory and purchasing costs.

▶ **ATTRIBUTE CODING & ENHANCEMENT**

Finally, Jobscope will not only clean and standardize your data, but also add value to your data via data enhancement. Data enhancement can include identifying product attributes, creating category taxonomies, filling in missing attributes, processing product photos and data sheets, and adding more information to product descriptions.

Jobscope's Value

▶ **FAST PAYBACK ON INVESTMENT**

Jobscope's data management solution can be implemented in weeks rather than months required for other providers. This allows companies to realize cost savings and improved ROI much more quickly than with other solutions.

▶ **COST EFFECTIVE**

Jobscope utilizes a highly efficient and competitive certified data management team to provide data standardization services. Our data management facility provides rapid data turnaround, and accurate and complete data cleansing services that are fully scalable to user requirements. Jobscope's faster implementation time and lower line item processing costs assures a substantial and robust ROI.

▶ **SERVICE & SUPPORT**

Jobscope has organized a dedicated professional services organization that includes experienced data management and cleansing engineers, business analysts, data warehouse experts, category and merchandising experts, application developers, inventory management experts and corporate training professionals, who can design and implement a wide range of solutions.



JOBSCOPE CORPORATION
355 WOODRUFF ROAD
GREENVILLE, SOUTH CAROLINA 29607
800.443.5794 (TOLL FREE) ▶ 864-458-3160 (FAX)
WWW.JOBSCOPE.COM