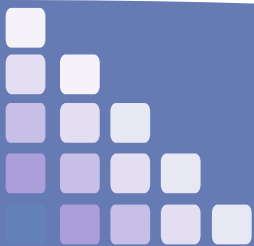




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# Materials Management Services

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# I N D E X

- **CONTENT AND DATA MANAGEMENT**
- **TAXONOMY / SCHEMA SERVICES**
- **EAM / ERP MASTER DATA PREPARATION**
- **DATA MIGRATION LEGACY TO ERP**
- **ONLINE MASTER DATA MAINTENANCE**
- **CMMS / PM SERVICE**
- **MASTER DATA MANAGEMENT TOOL**
- **OUTPUT**
- **CONTACTS**

# :::CONTENT AND DATA MANAGEMENT



To maximize return on investment, asset and inventory data must be accurate and in a standardized form. INFOPLUS helps companies build databases that ensure the integrity and accuracy of inventory information. With accurate and reliable database information, companies can maintain lower inventory levels and create "data-driven" purchasing.

## OUR COMPLETE RANGE OF DATA MANAGEMENT SERVICES, I INCLUDE:

- ┆ Data Cleansing
- ┆ Categorization
- ┆ Data Normalization( Material Cataloguing) Duplicate part identification and removal
- ┆ Centralizer Materials Cataloguing
- ┆ Data Enrichment

### DATA CLEANSING

Data cleansing, also called data scrubbing, is the process of amending or removing data in a database that is incorrect, incomplete, improperly formatted.

### CATEGORIZATION

Assigning like products to common class groupings.

The example

- ┆ BOILERS AND ACCESSORIES
- ┆ FUSES AND ACCESSORIES
- ┆ PROCESS INSTRUMENTATION

### THE ELEMENTS OF NORMALIZED DATA I INCLUDE:

Class – identifies a product category  
Sub class – identifies a product within a category  
Attribute – discrete title for descriptive information about a product

# :: CONTENT AND DATA MANAGEMENT


## DATA NORMALIZATION (MATERIAL CATALOGING)

Industry-standardized nomenclature for each part's description using its repository of common items. Item descriptions are normalized, and duplicate records are identified. Item normalization includes assignment of a class and sub-class and standard spelling and syntax for item description details.

## ATTRIBUTE VALUE

Descriptive detail that distinguishes a product within a category

## THE SAMPLE

CLIENT DESC	SQ MOTOR, CCW ½ 1500 - 230V P48 B TEF CSIG, C56H310 GE		
CLASS	SUB CLASS		
MOTOR	AC		
ATTRIBUTES	VALUES		
TYPE	SQUIRREL CAGE INDUCTION		
AMPERAGE	5A		
PHASE	SINGLE PH		
DUTY	CONTINUOUS		
HAZARDOUS	DIV 1		
ROTATION	CCW		
SPEED	1500 RPM		
INSULATION	CLASS B		
ENCLOSURE	TEFC		
VOLTAGE	230 VAC		
FRAME	P48		
POWER	½ HP		
			
VENDOR NAME		VENDOR NUMBER	VENDOR REF
GENERAL ELECTRICAL CO		C56H3104	MODEL NUMBER
SHORT DESC	MTR AC, SQIND, 230VAC, TEFC, B, P48, ½ HP		
LONG DESC	MOTOR AC, SQUIRREL CAGE INDUCTION, 5A, SINGLE PH, DUTY CONTINUOUS, HAZARDOUS DIV 1, CCW, 1500 RPM, CLASS B, ENCLOSURE TEFC, 230 VAC, FRAME P48, ½ HP MODEL NUMBER C56H3104 GENERAL ELECTRICAL CO		

# CONTENT AND DATA MANAGEMENT

## DUPLICATE PART IDENTIFICATION AND REMOVAL

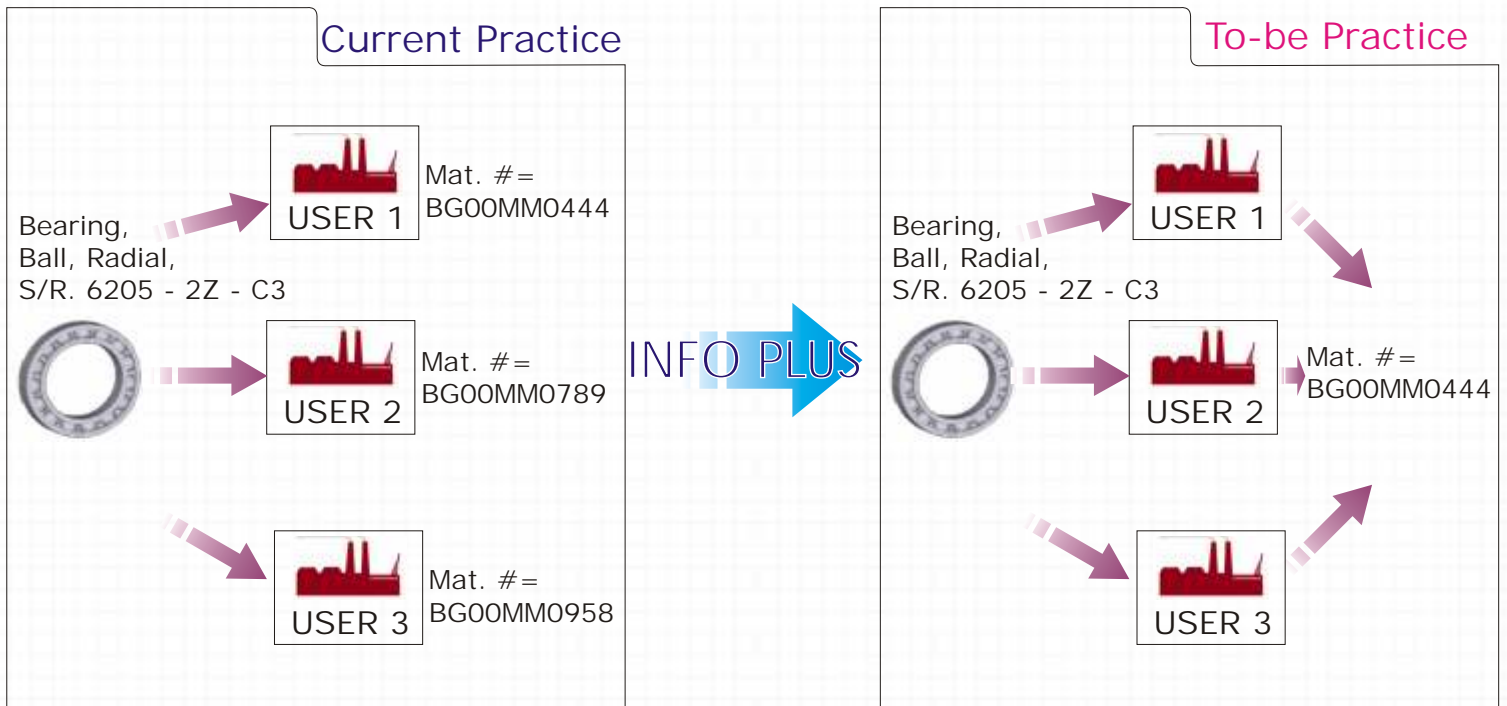
Duplicates are identified and removed by adopting various permutations of pattern matching rules, database queries and manual inspection

## DATA ENRICHMENT

Data enrichment, also known as data enhancement, allows you to generate or append additional bits of data from other internal or external data sources to information already used in your organization. These additional data sources can generalize meaningful details from unelaborated bits of information within your Data sources.

- Customer's documents
- Websites
- Manufacturer catalogues
- Engineering Reference Guide

## CENTRALIZER MATERIALS CATALOGUING

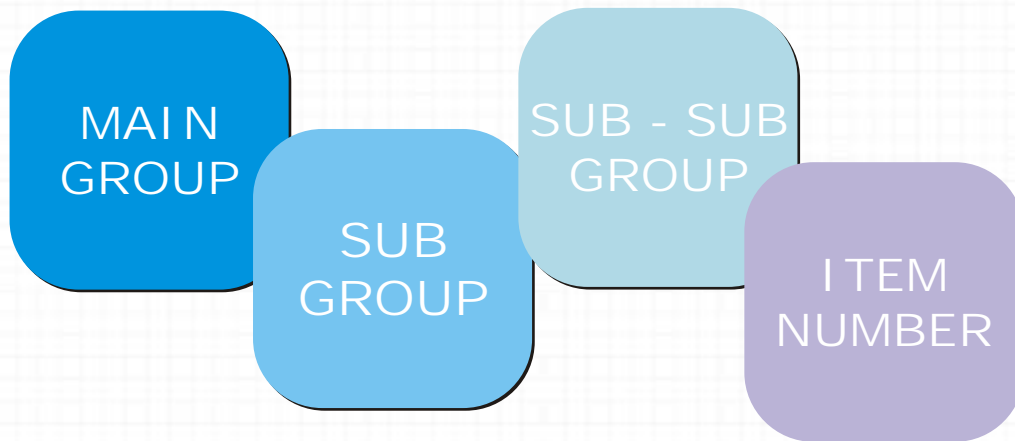


INFOPLUS team of taxonomy experts can build, conforming to and complying with your own needs and standards, a schema specific to your domain.

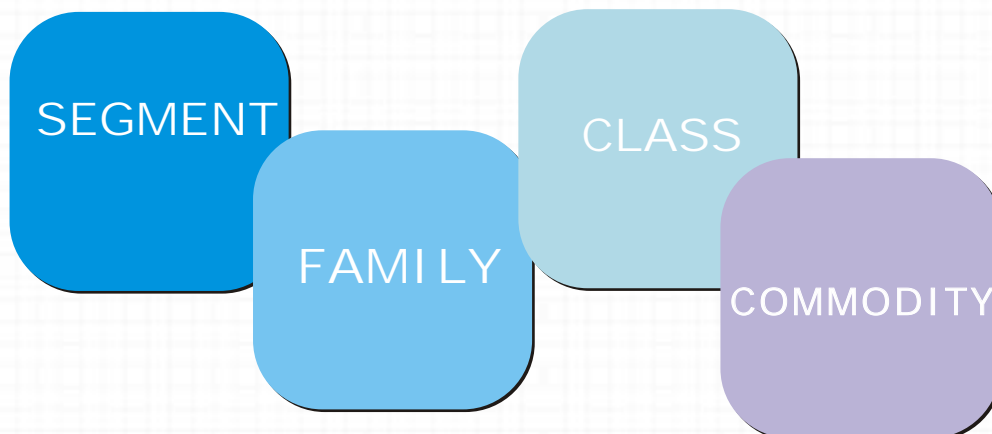
Schema Mapping

ECCMA – Electronic Commerce Code Management Association

## MESC – Material Equipment Standard Code



## UNSPSC - United Nations Standard Products and Services Code



# :: EAM / ERP MASTER DATA PREPARTION



These services can be rendered for any ERP including

SAP, ORACLE APPS, MAXIMO,  
PEOPLESOFT, JD-EDWARDS,  
MINCOM ELLIPSE, etc.

MATERIAL MASTER PREPARATION

VENDOR MASTER PREPARATION

SERVICE MASTER PREPARATION

EQUIPMENT MASTER PREPARATION

BILL OF MATERIAL PREPARATION

# DATA MIGRATION LEGACY TO ERP



Although migrating data can be a fairly time-consuming process, the benefits can be worth the cost for those that "live and die" by trends in data. Additionally, old applications need not be maintained.

## Old source system (Legacy) Data



## INFOPLUS REPOSITORY DATABASE TOOL



## NEW TARGET SYSTEM DATA



# ONLINE MASTER DATA MAINTENANCE



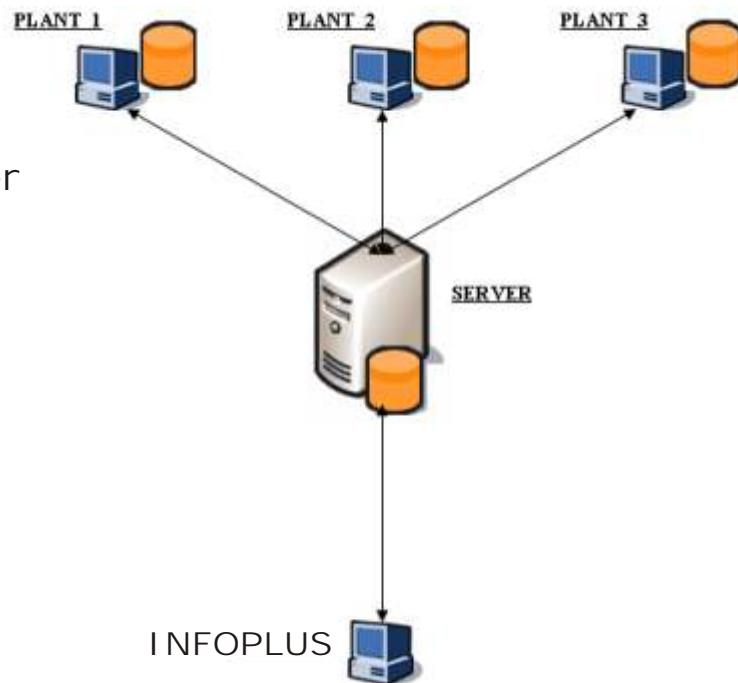
It's an offshore model benefits customer in terms of cost, quality, turn-around time and healthy database all the time for the below mentioned services on various ERP's such as SAP, ORACLE APPS, MAXIMO, JD-EDWARDS etc.,

- Material master

- Equipment master

- Service master

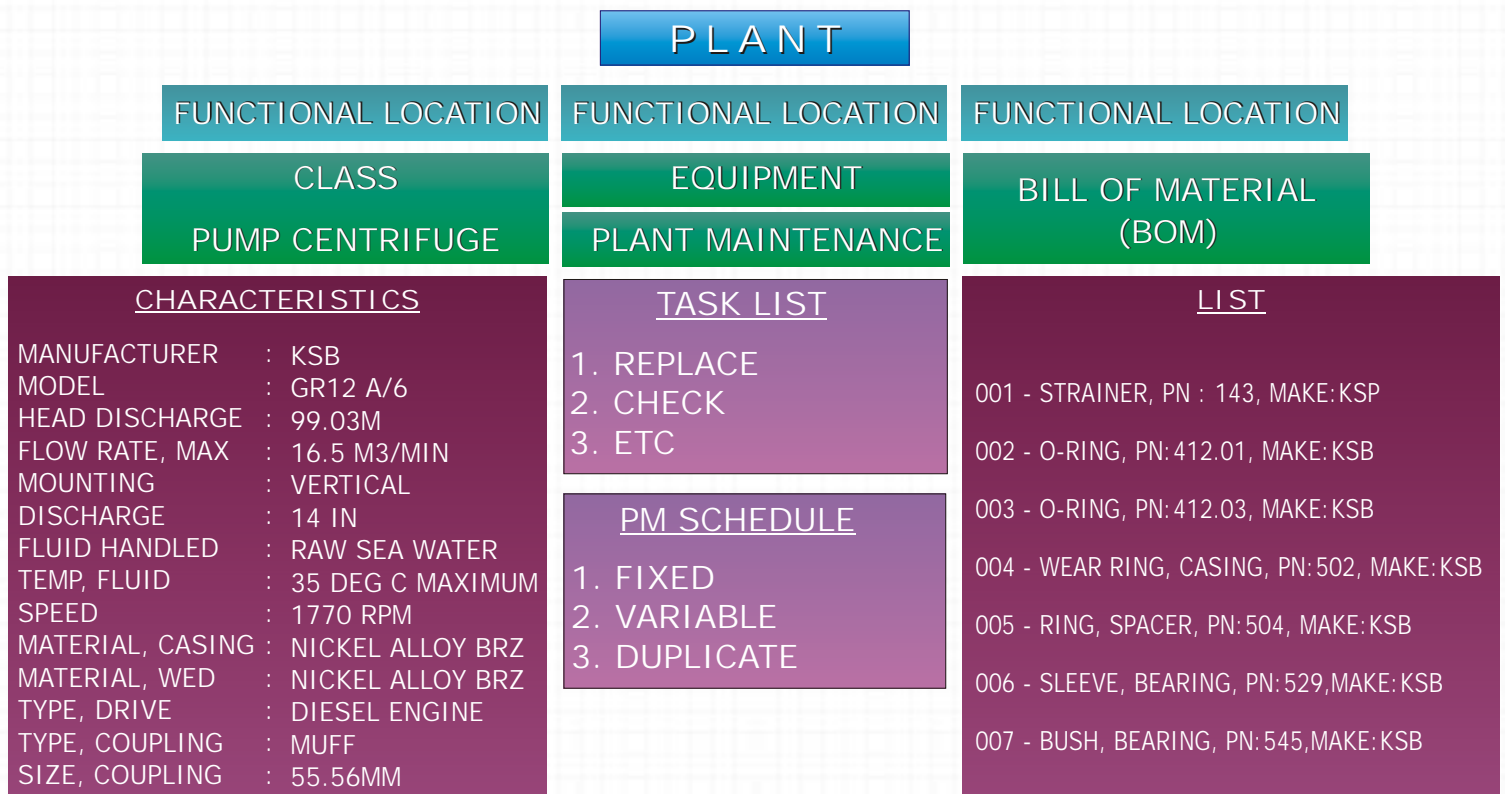
- Vendor master



The customer of INFOPLUS the online services for

- Rapid utilization for your business dexterity
- Upgrading your business process by understanding your market strategy and cope-up with your partners and customer needs
- Provide value based, easy to execute, end application integration in and around your geographic location
- Minimization of time factor for your team's global communications
- Utilization of highly skilled man power resources to your projects across the globe

- ☐ Equipment master creation with classification
- ☐ Tag / Functional Location / Location master creation
  - ☐ Preparation of Equipment Hierarchy
- ☐ CMMS Base data development
- ☐ Maintenance schedule – Preventive, Condition Based, Predictive & Corrective
  - ☐ Job Plan
  - ☐ Tasks
- ☐ Bill of Materials (BOM)
  - ☐ Material (or) Equipment BOM
  - ☐ Single level (or) Multi-Level



# MASTER DATA MANAGEMENT TOOL



## Material Management System



Client Master Workset Item Reports Logout

Material No:  UOM:  Indicator:    
 Class:  Sub Class:  Sub Sub Class:

Short Desc	V-BELT,A73
Long Desc	V-BELT A73POLYPROPYLENE , FOR NCRM VENTILATION
Short Desc	BELT DRIVE,V,POLPL,A73,13X8MM,1887MM
Long Desc	BELT DRIVE, V, POLYPROPYLENE, IS 2494, A73, W 13 X H 8 MM, PITCH LENGTH 1887 MM FOR NCRM VENTILATION
Missing	

OEM

- 
- 
- 
- 

Item	Equipment	Logic Code	Additional Info	Question	History
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Attribute	Item Value
TYPE	V-BELT
MATERIAL	POLYPROPYLENE
DESIGN STANDARD	IS 2494
BELT NUMBER	A73
DIMENSION(WXH)	13X8 MM
PITCH LENGTH	1887 MM

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Company Reference

Right-click on the grid to open context menu.

Company Code	Reference Number	Reference Code	Mandatory	Action
VINKO AUTO	CMP00001	CAT	<input type="checkbox"/>	Edit Delete

MATERIAL NUMBER	SHORT DESCRIPTION	LONG / BUYING DESCRIPTION	UOM
100000100	FSE LV D SCR 500V TIME LAG 50A	FUSE, LOW VOLTAGE, D-CARTRIDGE (SCREW), 500 V, CLASS TIME LAG, CERAMIC BODY, 50 A	EA
100000101	FSE LV D SCR 500V TIME LAG 63A	FUSE, LOW VOLTAGE, D-CARTRIDGE (SCREW), 500 V, CLASS TIME LAG, CERAMIC BODY, 63 A	EA
100000102	FSE LV ND SCR 500V TIME LAG 2A	FUSE, LOW VOLTAGE, ND-CARTRIDGE (SCREW), 500 V, CLASS TIME LAG, CERAMIC BODY, 2 A	EA
100000103	FSE LV ND SCR 500V TIME LAG 4A	FUSE, LOW VOLTAGE, ND-CARTRIDGE (SCREW), 500 V, CLASS TIME LAG, CERAMIC BODY, 4 A	EA
100000104	GGE PRESS GEN 1/2 IN NPT 0-10 BAR	GAUGES PRESSURE, GENERAL PURPOSE, DIRECT MOUNTING, BOURDON TUBE, 1/2 INCH NPT MALE, 0 - 10 BAR	EA
100000105	GGE PRESS GEN 1/2 IN NPT 0-16 BAR	GAUGES PRESSURE, GENERAL PURPOSE, DIRECT MOUNTING, BOURDON TUBE, 1/2 INCH NPT MALE, 0 - 16 BAR	EA
100000106	GGE PRESS GEN 1/2 IN NPT 0-25 BAR	GAUGES PRESSURE, GENERAL PURPOSE, DIRECT MOUNTING, BOURDON TUBE, 1/2 INCH NPT MALE, 0 - 125 BAR	EA
100000107	BRG BALL,6307C3,35MM,80MM,21MM	BEARING, BALL, DEEP GROOVE, 63, SINGLE, 6307 C3, BORE:35MM, OD:80MM, W:21MM, MAKE SKF FOR FAG, C3-CLEARANCE GREATER THAN NORMAL	EA
100000108	BRG BALL,6301ZZ,12MM,37MM,12MM	BEARING, BALL, DEEP GROOVE, 63, SINGLE, 6301 ZZ BORE:12MM, OD:37MM, W:12MM, MAKE SKF	EA
100000109	BRG ROLL,22222E,110MM,200MM,53MM	BEARING, ROLLER, SPHERICAL, 222, 22222 E, BORE:110MM, OD:200MM, W:53MM MAKE SKF	EA
100000110	BRG ROLL,22318E,90MM,190MM,64MM	BEARING, ROLLER, SPHERICAL TAPER BORE, 223, 22318 E, BORE:90MM OD:190MM, W:64MM, MAKE SKF	EA
100000111	BELT DRIVE,V,B97,17X11MM,2507MM	BELT, DRIVE, V-BELT, B97, 17X11MM, 2507MM, MAKE FENNER	EA
100000112	BELT DRIVE,V,B98,17X11MM,2532MM	BELT, DRIVE, V-BELT, B98, 17X11MM, 2532MM, MAKE FENNER	EA
100000113	BLT ALLEN,SS316L,MTR,35MM,35MM,M12	BOLT, ALLEN HEAD, STAINLESS STEEL 316L, METRIC, 35MM, 35MM, M12	EA
100000114	BLT ALLEN,SS316L,MTR,40MM,40MM,M12	BOLT, ALLEN HEAD, STAINLESS STEEL 316L, METRIC, 40MM, 40MM, M12	EA
100000115	BLT HEX,SS316L,MTR,16MM,16MM,M10	BOLT, HEXAGONAL HEAD, STAINLESS STEEL-316L, METRIC, 16MM, 16MM, M10	EA
100000116	BLT HEX,SS316L,MTR,20MM,20MM,M10	BOLT, HEXAGONAL HEAD, STAINLESS STEEL-316L, METRIC, 20MM, 20MM, M10	EA



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