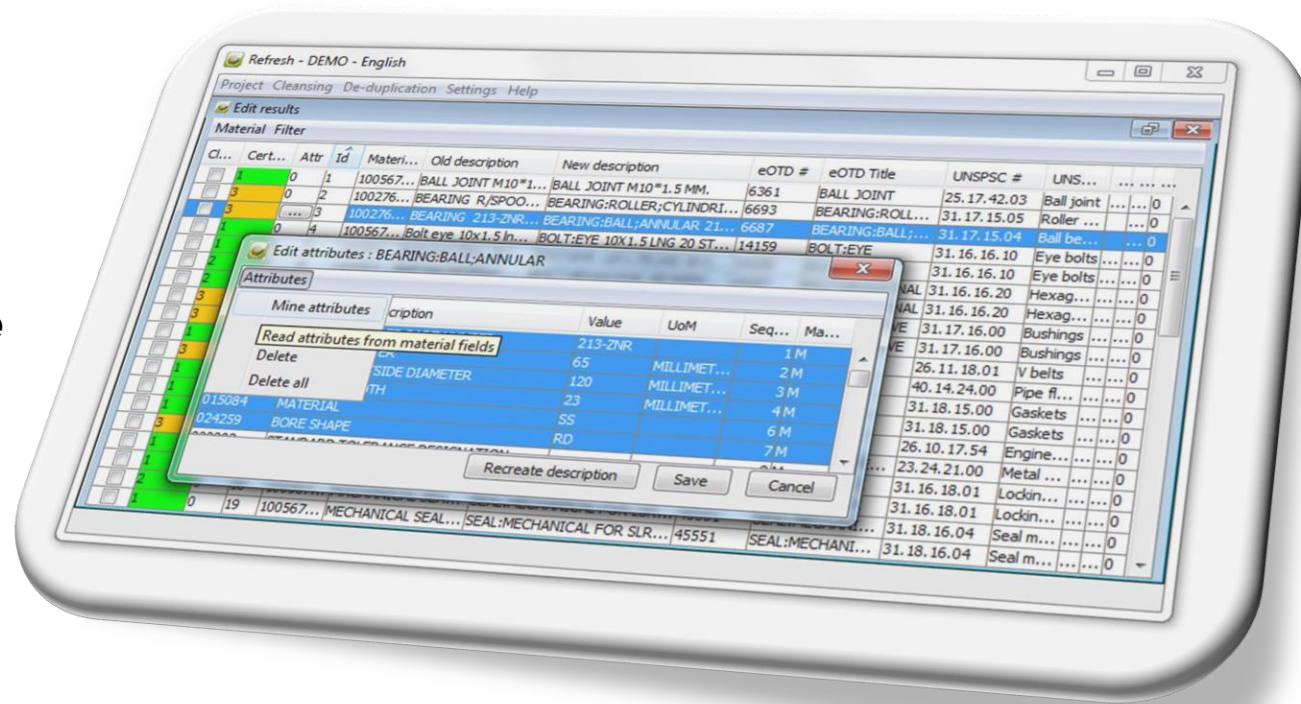




Machine Learning AI Data Standardization Software for the Enterprise



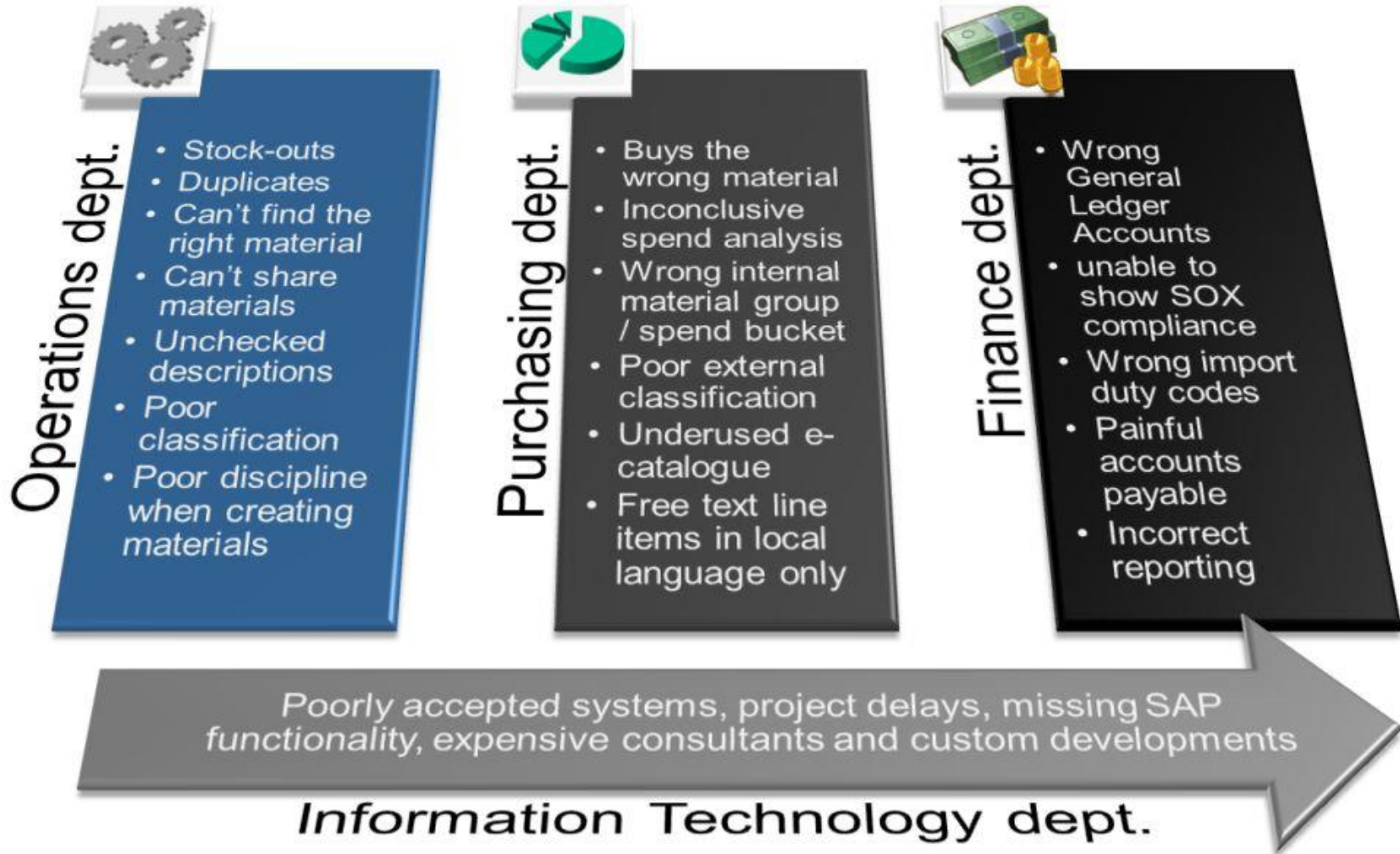
An example application:
Refreshing SAP® Material Masters
For S/4HANA upgrades & general SAP data cleansing

Refresh™ is the leading AI material master auto-standardizer

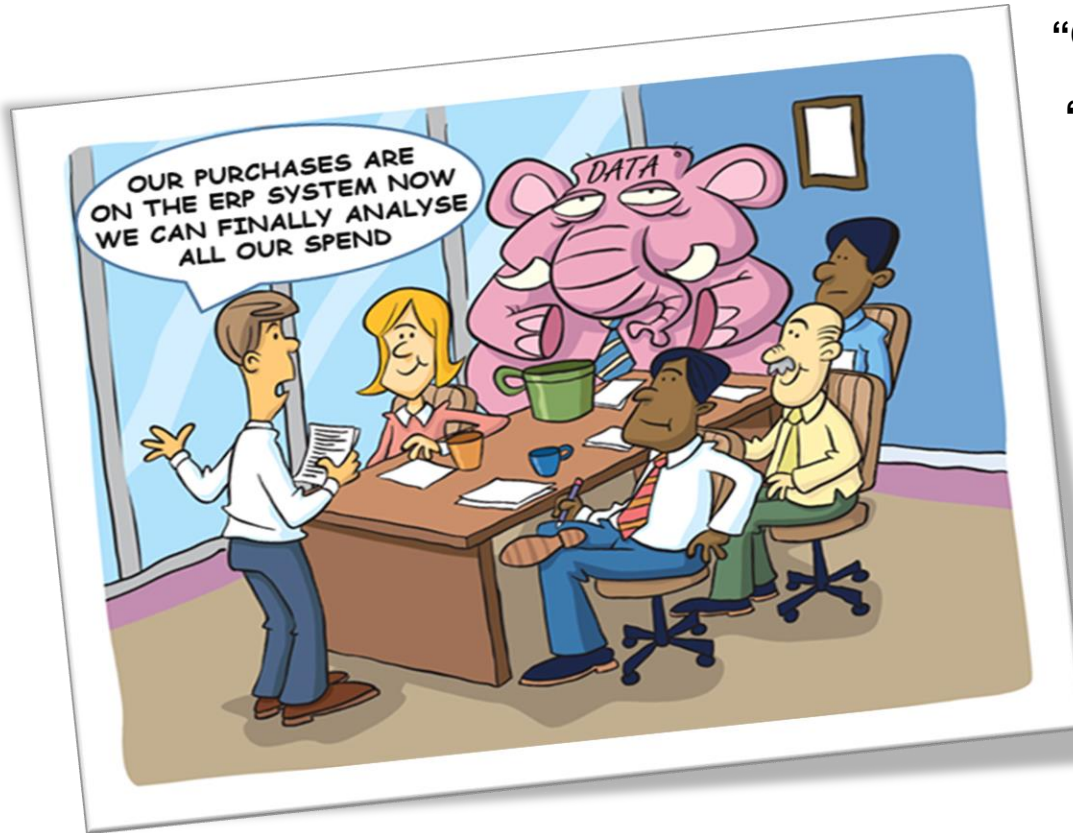


Our customers successfully cleansed, classified & governed millions of spare parts, products and services last year

Do you have these toxic data symptoms in your company?



Do your Purchasers mention any of these problems?...



“Our Indirect material spend is a *“black hole”*”

“How do we get away from all this free-format text purchasing?”

“Our Company still purchases MRO by unformatted freeform text and only in one local language”

“We’re struggling with Purchasing Automation”

“Why is the supplier name so often in the material description?...”

“Surely this item could be on an e-catalogue?...”

“It’s difficult to analyze spend on services”

“There are literally thousands of parts and services, poorly described and not on maintenance bills of materials with well-maintained Purchasing Information Records”

“Why are items purchased as free text when they’re already catalogued... or even worse - in stock”

Do your Engineers mention any of these problems?...



“Why can't I list all the similar parts together?...”

“Describe it in only 40 characters??”

“Why can't it be easy - like Google?”

“I can't find my material...”

“I could find it if it was on the BOM...”

“The vendor sent the wrong thing...”

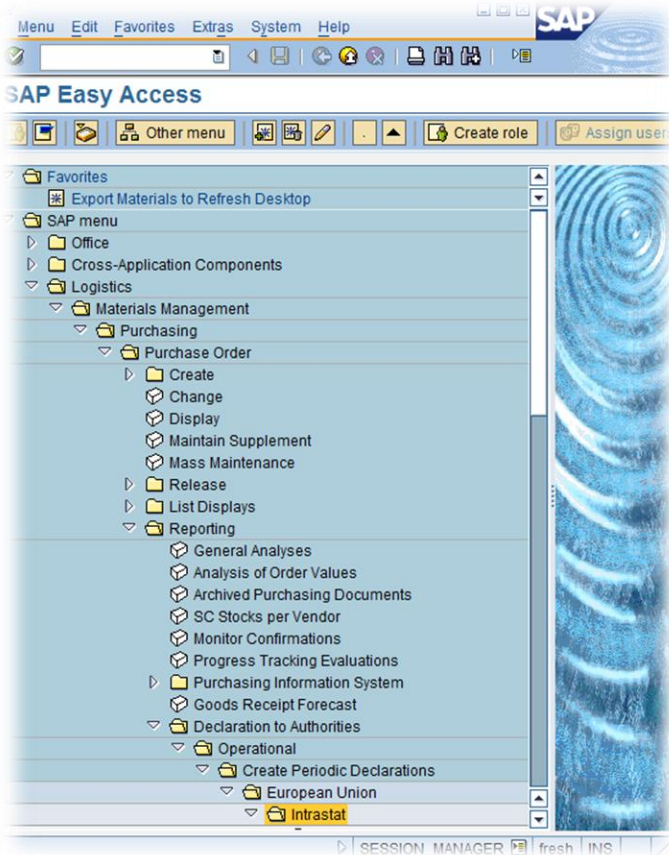
“Do I have duplicates?...”

“Purchasing bought the wrong #@ \$* thing again...”

“This description looks like Greek to me... hmmm... maybe it is Greek”

“If I have production downtime due to missing parts once more...”

Do your Accountants mention any of these problems?...



“TARIFFS! Did we comply with all the import/export duties... are the base commodity HTS codes correct?”

“TAX Codes are sometimes a guess”

“What is the UNSPSC code?”

**“We can’t always prove compliance...
Especially internal control of financial reporting”**

**“The requisitioner in the factory chose
the wrong account again – seems they
are just choosing the top one in the list”**

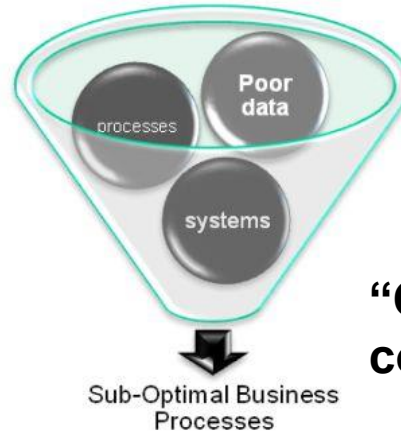
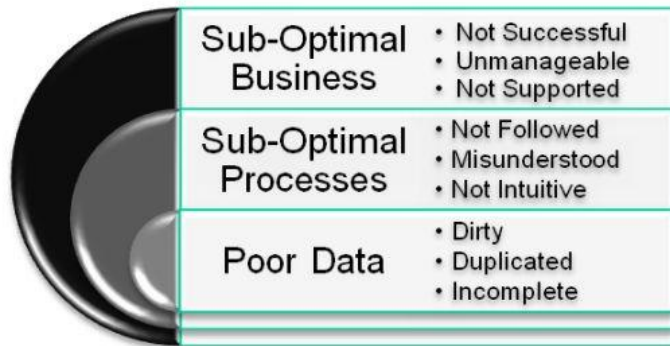
**“Our Accounts Payable process has too much rework
and financial shared services hasn’t helped much”**

**“Intrastat, HS and VAT returns are a nightmare
and it takes ages to close these books”**

“I can’t match the purchase order to the invoice – these vendors won’t be paid...”

**“SOX 404 - tells me to identify points at which a misstatement could occur – but many of
our material masters and purchase requisitions could potentially cause misstatements”**

Do your IT Professionals mention any of these problems?...



"Our users are sometimes frustrated"

"MDM has not really helped us and SAP MDG isn't as data-automated"

"Other tools in the market don't complement SAP's offering"

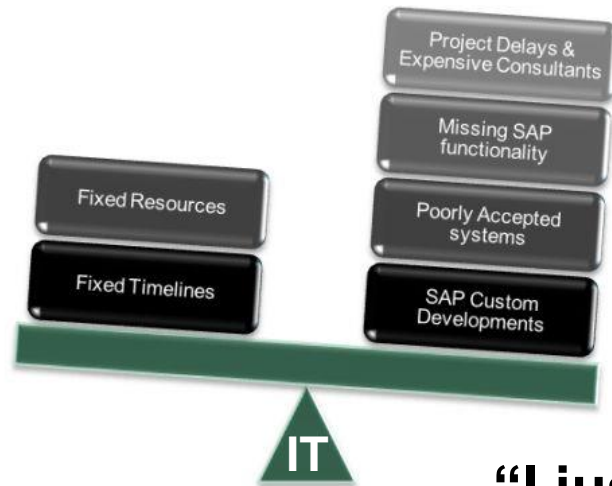
"How many legacy materials did you say we have to clean?"

"I am not sure of the quality, or the business ownership afterwards if we outsource the actual data cleansing"

"I don't want to look after any more interfaces – even if they swear they are certified!"

**"9 months+ for data cleansing? ...
My project is never going to go-live"**

"I just need 50 000 UNSPSC codes... fast"



Wouldn't you like *an easy way* to “refresh” ALL your dirty material masters?

Gartner

“SAP is behind some of the competition in data quality, data profiling and associated reporting facilities, which are important in complex product data environments that are heterogeneous in nature. Many customers report having to refer to other tools in this area as part of their implementations. The acquisition of Business Objects enables SAP potentially to leverage some of the data services related to profiling and data quality, but even Business Objects' experience was generally associated with customer data and not product data” *Gartner*.



“For an engineer to consider incorporating a standard part in a new design, the engineer must first know that it exists and be able to find it. 27% of total time is routinely spent looking through databases and in-house libraries...18% of total time is devoted to reentering and re-creating part information that already exists but can't easily be found.”

"Data visibility is the major challenge for the majority of programs despite the significant progress of e-sourcing and e-procurement.” *Aberdeen Group*.

Refresh makes it quick and easy to cleanse, classify and govern large databases of products

Refresh™ can help you... right out of the box...

OUT OF THE BOX:
Repeatable material master descriptions

Old description	New description
AC MOTOR SIEMENS ...	MOTOR:ALTERNAT
BUTTERFLY VALVE 10...	VALVE: BUTTERFLY
HELICAL GR UNIT K 3...	GEAR: HELICAL UN
CONV BELT UNIROVA...	BELT: CONVEYOR UN
BEARING FL 135 DRW...	BEARING: ROLLER
BEARING FL 110 DRW...	BEARING: ROLLER
CARRYING IDLER DIA...	IDLER: CONVEYOR
RETURN IDLER DIAM...	IDLER: CONVEYOR
GR UNIT K 3...	GEAR

AI-Powered Algorithmic Master Data Standardization
– A *fresh* new approach to this old problem

OUT OF THE BOX:
Automatic material classification & compliance

36400100	Toothed gearing
Attributes	eOTD 6504
0 Title English	GEAR: HELICAL
0 Title Dutch	TANDWIEL: SCHUIN
0 Title French	ROUE D'ENGRENAGE: CYL
0 Title German	ZAHNRAD: STERN- / SCHRA
Gear, cylindrical in form, with teeth on the outer face at an angle to the	
UNSPSC	31.17.17.14 Helical gears
Unit	8483.40.90 Gears and

Includes:
UNSPSC
ISO 8000
ECCMA
NATO
ECLASS
INTRASTAT
Harmonized System
... and many other excellent standards

OUT OF THE BOX:
Automatic spend classification & spend analysis

UNSPSC #	UNSPSC Title
26.10.16.02	Alternating current AC m
40.14.16.00	Valves
31.17.17.14	Helical gears
24.10.17.15	Conveyor belting
31.17.15.05	Roller bearings
31.17.15.05	Roller bearings
4.10.17.17	Conveyor idlers
10.17.17	Conveyor idlers
17.14	Helical gears

OUT OF THE BOX:
Standard SAP - No custom development needed

Standard SAP fields, ABAP's, API's, Workflows, SAP LSMW maps.

OUT OF THE BOX:
Automatic material master de-duplication

Confidence	Duplicate	New description
3	12	MOTOR: ALTERNATING
2	10	MOTOR: ALTERNATING
3	7	BEARING: ROLLER; CYL
3	4	BELT: CONVEYOR UN
3	2	BEARING: ROLLER; C
3	2	IDLER: CONVEYOR
3	2	IDLER: CONVEYOR
3	2	VALVE: BUTTERFLY

Just like Refresh™ helps these customers today:



With algorithms built over a decade, classifying and de-duplicating millions of real customer examples



This is real-world automation that simply works from day 1

Refresh™ gives you perfect material data fast, (SAP example)

Display Material 127 (Spare Parts)

Material: 127 MOTOR-AC 30KW, 1720RPM 6.3AMP, 460VAC

Basic data text

Language: English

MOTOR-ALTERNATING CURRENT. POWER RATING = 30 KW, POLE VOLTAGE RATING IN VOLTS = 460 V, FRAME SIZE DESIGNATION METHOD FT, ROTOR SPEED RATING IN RPM = 1720 RPM, CURRENT = 6.3 A, HORSEPOWER RATING = 5 HP, OPERATING SPEED AT RPM = 1720 RPM, ROTATIONAL SPEED RATING IN RPM = 1720 RPM

Additional data

Organizational levels

Basic data 1

Basic data 2

Classification

Purchasing

General data

Base Unit of Measure: EA each Material Group: 011065 Old material number: Ext. Matl Group: UNSPSC 26.10.16.02

Classification

Object

Material: 127 MOTOR-AC 30KW, 1720RPM 6.3AMP, 460VAC Class Type: 001 Material Class

Assignments

Class: EOTD_018972 Description: MOTOR-ALTERNATING CURRENT Sta: 1 S: 1 Icon: 10

Values for Class EOTD_018972 - Object 127

General

Characteristic Description	Value
FRAME SIZE DESIGNATION	320T
LENGTH OF SHAFT FROM HOUSING	130 mm
SHAFT DIAMETER	20 mm
CURRENT RATING IN AMPS	6.3 A
FREQUENCY IN HERTZ	50 Hz
PHASE	3
POWER RATING	30 KW
POWER RATING	40 HP
ROTOR SPEED RATING IN RPM	1720 RPM

Good, repeatable, noun-modifier standard compliant structured short text – multilingual, accurate & commercially neutral

Structured long texts auto-generated in all languages

Optimized PO text including attributes and part numbers

Correct Account Assignment

Verified Spend Classes – Both Internal & External including UNSPSC & Material Groups

Correct Commodity Codes/Intrastat/HS & PRODCOM codes

Automatic Technical Class & Better BOM Assignment

Reduced Obsoletes, Reduced Duplicates, and Optimized Stock Levels & equivalent parts

Automated & Complete Technical Characteristics, Values and ERP UoM's. Can be used to generate standard long & short texts in materials and purchasing inforecords per vendor

Find Objects in Classes

Find in initial class Include subordinate classes Reselect

Initial Class

Char.

General

Characteristic Description	Value
FRAME SIZE DESIGNATION	320T
LENGTH OF SHAFT FROM HOUSING	
SHAFT DIAMETER	
CURRENT RATING IN AMPS	
FREQUENCY IN HERTZ	50.000 Hz
PHASE	
POWER RATING	

Object	Description	FREQUEN	CURRENT	POWER RATING	ROTOR SPEED	VOLTAGE	FRAME SIZE
127	MOTOR-AC 30KW, 1720RPM 6.3AMP	50.000 Hz	6.300 A	30.000 KW	1.720.000 RPM	460.000 V	320T
131	MOTOR-AC 480V 1700 RPM 4A		4.000 A		1.700.000 RPM	480.000 V	
137	MOTOR-AC 480V 1700RPM 4A		4.000 A		1.700.000 RPM	480.000 V	
139	MOTOR-AC 480V 1700RPM 4A		4.000 A		1.700.000 RPM	480.000 V	
142	MOTOR-AC 480V 1700RPM 4A	50.000 Hz	4.000 A		1.700.000 RPM	480.000 V	
151	MOTOR-AC 480V 1700RPM 4A		4.000 A		1.700.000 RPM	480.000 V	
24	MOTOR-ALTERNATING CURRENT 45	50.000 Hz	10.000 A	8.000 KW	1.250.000 RPM	220.000 V	
128	MOTOR-AC 110V 1200RPM		100.000 A		1.200.000 RPM		
129	MOTOR-AC 480V 1200RPM 4A	50.000 Hz	4.000 A		1.200.000 RPM	480.000 V	

Always find your similar parts in ERP whether its through the standard transactions or...

Material Search

Follow-Up/Replacement Material Fresh Enhanced Material Search Search Help for Manufacturer Part Number Search Help for Manufacturer Part Number

Language Key: EN

Material:

Material Type:

Plant:

Material Description: MOTOR

Long description:

Mr Part Number:

Manufacturer: SIEMENS DE

Materi	Plant	Material Description	Long text	MPH	Mfr	Vendor
193	0001	MOTOR-AC	MOTOR-ALTERNATING CURRENT	555	SIEMENS DE	
121	0001	MOTOR-AC 88KW	MOTOR-ALTERNATING CURRENT	888	SIEMENS DE	
127	0001	MOTOR-AC 30KW, 1720RPM 6.3AMP, 460VAC	MOTOR-ALTERNATING CURRENT. POWER RATING = 30 KW, POLE QUANTITY 2 95MCC		SIEMENS DE	
134	0001	MOTOR-AC IE2 1250 KW 3600 MIN-1 10300 NI	MOTOR-ALTERNATING CURRENT. TORQUE RATING AND TYPE = 10300 Nm IE2		SIEMENS DE	
25	0001	MOTOR-ALTERNATING CURRENT SIEMENS	MOTOR-ALTERNATING CURRENT. VOLTAGE RATING IN VOLTS = 220 V, ROTOR MODEL 95MCC		SIEMENS DE	

... a Fresh Enhanced Material Search Help. This can be found on any ERP screen including PM Order, Purchase Requisition, Purchase Order, Goods Receipt, Invoice Verification, across the entire process. Your users can finally search on part numbers and long text attributes in any sequence.

Automatically in multiple languages where necessary,

Manage Material Master Requests

Request details

Request number: 000000 000001
Planner: GREEN Cameron Green
Creation date and time: 21.05.2025 12:26:40
Request status: NOT SAVED
Type: 1 MATERIAL CREATE
Basic Data only:
Material number:
* Material Type: ERS A Spare Parts

Refresh Server Screenshot

Display Material 127 (Spare Parts)

Material 127 MOTOR:AC 30KW, 1720RPM 6.3AMP, 460VAC

Basic data text

Langs maintained: Dutch, English, Finnish, French, German

Language: English

MOTOR:ALTERNATING CURRENT. POWER RATING = 30 KW, POLE (VOLTAGE RATING IN VOLTS = 460 V, FRAME SIZE DESIGNATION METHOD FT, ROTOR SPEED RATING IN RPM = 1720 RPM, CURRENT = 6.3 A, HORSEPOWER RATING = 5 HP, OPERATING SPEED AT R/ RPM = 1720 RPM, ROTATIONAL SPEED RATING IN RPM = 1720 RF

Refresh is live today at customers with complex language requirements – Global businesses with multiple simultaneous texts.

Our software and dictionaries are truly multilingual; bringing local ease of use and head-office visibility. No matter which original language.

Short and long descriptions

Short description Additional languages Basic data long text Inspection text Purchase order text

Short descriptions in additional languages

Language	Description
EN	BEARING:BALL,ANNULAR,623,3MM,10MM,4MM
NL	LAGER:KOGEL,RINGVORMIG,623,3MM,10MM,4MM
FR	ROULEMENT A BILLES:ANNULAIRE,623,3MM
DE	LAGER:KUGEL-,RINGFORM,623,3MM,10MM,4MM
ES	RODAMIENTO:DE BOLAS,ANULAR,623,3MM,10MM

Basic data MRP data MRP area Purchasing data Foreign trade import Plant data Quality

Standards

Class name:	6687	BEARING:BALL,ANNULAR
UNSPSC code:	31.17.15.04	Ball bearings
Intrastat / HS code:	84821000	Ball bearings

Refresh - NL-ROTTERDAM - Dutch

Project Opschonen verwijdering van dubbele artikelen Instellingen Help

Edit results

Material	Filter	Clean	Certainty	Attr	Id	Material no	Old description	New description	eOTD #	eOTD Title	UNSPSC #
		<input type="checkbox"/>	2	0	2	HAN49036	"T-STUK KIWA 1".	T-STUK:PIJP KIWA 1".	11233	T-STUK:PIJP	40.14.26.05
		<input type="checkbox"/>	2	0	4	HAN41324	INBUSBOUW 3/8X1-1/2 UNC FAB...	DRAAD:ONTSTEEKING;MACHINE...	6106	DRAAD:ONTS...	26.12.15.00
		<input type="checkbox"/>	2	0	5	HAN235864	"ZEEF 4" (265X105) TBV FIG....	ZEEF:BEZINKSEL (265X105) TBV ...	11205	ZEEF:BEZINKSEL	40.14.25.00
		<input type="checkbox"/>	2	0	8	HAN37738	KAP LANG 57Y02 1300572502 L...	DOP:PIJP LANG 57Y02 1300572...	1...	DOP:PIJP	40.14.26.07
		<input type="checkbox"/>	2	0	9	HAN2501545	TANDRIEM 10T5/625 (DL) B=10...	RIEM:DIRECT AANDRIJVEND 10...	6365	RIEM:DIRECT ...	26.11.18.02
		<input type="checkbox"/>	2	0	10	HAN50097	VACUUM/MANOMETER ECONOS...	MANOMETER:VERTICALE BUIS E...	35845	MANOMETER:...	41.10.33.11

Refresh Desktop Screenshot

Mogelijke woordenboekovereenkomsten: 224

eOT...	Titel	UNSPSC #	Type	Score	...
14267	KAP:AFSLUIT-;NIET-METAAL	31.16.28.00	N	3...	
9477	KAP:AFSLUIT-;VENTIELSCHAA...	40.14.16.16	N	3...	
35547	KAP:AFZUIG-;LABORATORIUM	41.10.35.02	N	3...	
11876	KAP:ANTISPAT	24.14.15.00	N	3...	
5628	KAP:BESCHERM-;BENZINEMO...	26.10.17.15	N	3...	
21832	KAP:BESCHERM-;BEVESTIGIN...	42.29.54.60	N	3...	
5630	KAP:BESCHERM-;DIESELMOTOR	26.10.17.15	N	3...	
6059	KAP:BESCHERM-;KVALDEMPER...	25.17.37.00	N	3...	
14266	KAP:BESCHERM-;MOER EN B...	31.16.28.00	N	3...	

Toon alle Annuleren Geen overeenkomst Instellen

Beschrijving

Een laboratoriumuitrustingsstuk dat bestaat uit een behuizing met een uittrekbaar boven compartiment en een luchtdoorlaat. Een werkruimte kan zijn inbegrepen. Het artikel is ontworpen om chemische dampen af te voeren en om de werkruimte van schone lucht te voorzien. Het kan zijn voorzien van aansluitingen voor gas, elektriciteit, water en lucht. Het ontwerp kan bestanddelen bevatten zoals komvormige gootstenen, kasten en werktafels. Hieronder valt niet het type met een baldakijnachtige kap.

...and keeps it clean with *Rich Master Data Governance*

Manage Material Master Request: X +

← ↻ ↗ /sap/bc/webdynpro/fresh/manage_requests2?sap-client=001&sap-language=EN#

Request details

Short and long descriptions

Short description Additional languages Basic data long text Inspection text Purchase order text Internal comment Material memo

Language: EN *Description: BEARING 623 Standardize

New description: BEARING BALL,ANNULAR,623,3MM,10MM,4MM

Basic data MRP data MRP area Purchasing data Foreign trade import Plant data Quality management Accounting data

Characteristics

Mandatory	Name	Title	UoM	Value
<input checked="" type="checkbox"/>	EOTD_020604	MANUFACTURER IDENTIFYING NUMBE		623
<input checked="" type="checkbox"/>	EOTD_001669	BORE DIAMETER	mm	3
<input checked="" type="checkbox"/>	EOTD_007089	OVERALL OUTSIDE DIAMETER	mm	10
<input checked="" type="checkbox"/>	EOTD_007102	OVERALL WIDTH	mm	4
<input checked="" type="checkbox"/>	EOTD_015084	MATERIAL		316
<input checked="" type="checkbox"/>	EOTD_024259	BORE SHAPE		CYL
<input checked="" type="checkbox"/>	EOTD_000802	STANDARD TOLERANCE DESIGNATION		P6
<input type="checkbox"/>	EOTD_024893	STYLE DESIGNATOR		FAG Deep groove ball bearings
<input type="checkbox"/>	EOTD_022935	SHIELD QUANTITY		
<input type="checkbox"/>	EOTD_022877	SEAL QUANTITY		

Property description: The document designator of the specification or standard which established the item of supply.
Class URL 1 Class URL 2

Generate new descriptions Check values Add value Unlock values

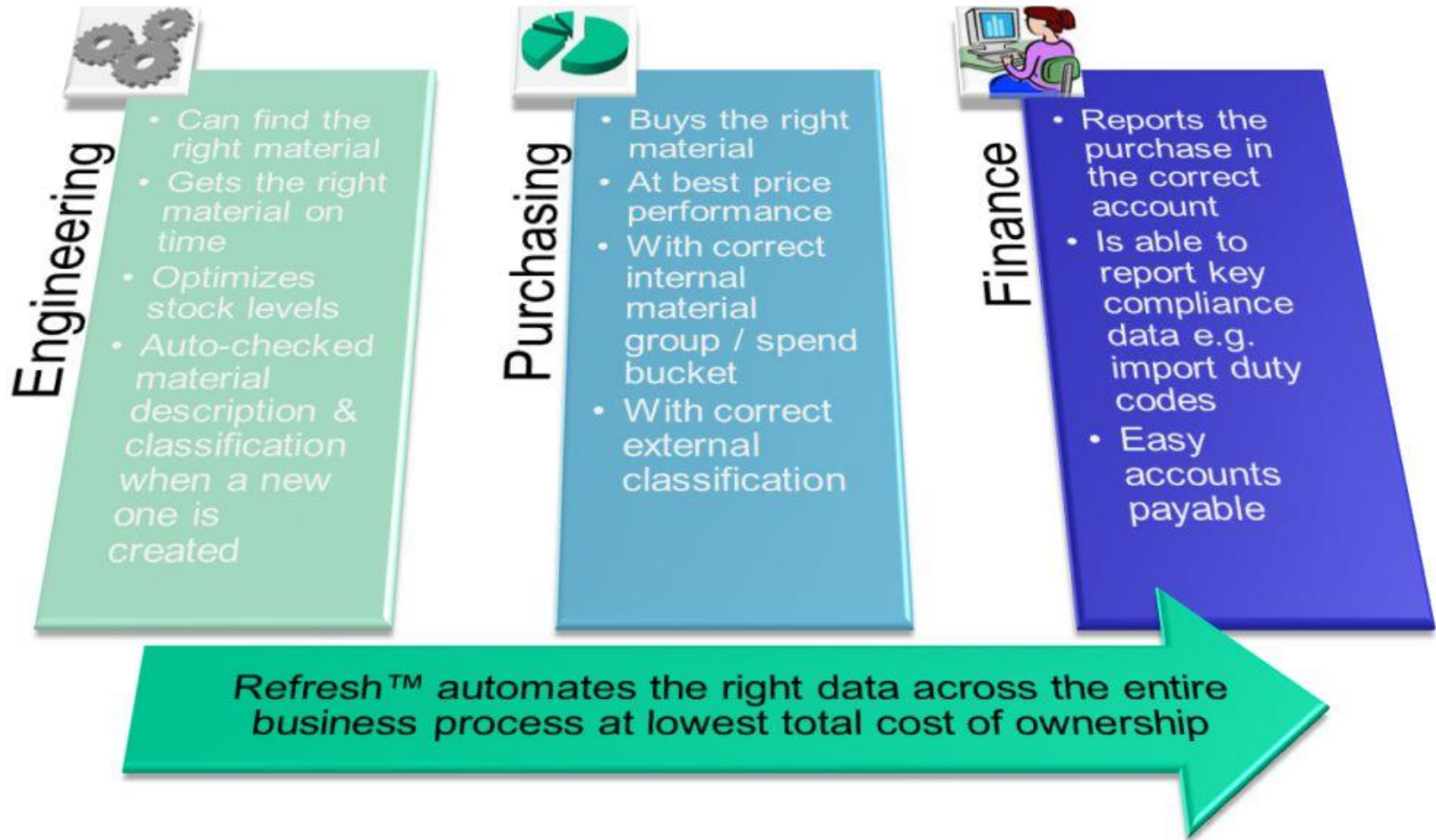
Save Duplicates Save and submit for approval Cancel Return Check Complete

Refresh Server acts with SAP as a “helpful policeman” at the point of data entry. SAP is the Master Storage System. While Clients are free to use the Refresh Algorithms & content as-is, it is deployed as an ABAP Web Dynpro Form & Workflow which can be customized as per SAP standards. Refresh gives *Rich MDG* assistance to the requestor during the material creation process, holding helpful rules for SAP master data creation: auto-correcting, proposing, validating and safeguarding the data at each touch by the business end-user. **It's like having a live electronic data standard at point of entry.**

Pre-built workflows will accelerate your data governance project and Refresh's real time auditing and duplicate checks will help the material requestor by proposing alternatives & content to **get it right first time**. The automatic duplicate check and approval workflow make sure that errors are avoided.

The ISO aligned standard dictionary and templates generate short descriptions, longer basic data texts and PO texts using industry pro naming standards. The templates can be uploaded into the classification view of the material or the long texts or both, enhancing your future SAP searches. Refresh Server **supports SAP ECC6, MDG and S/4 Hana.**

Isn't it time you "Refreshed" your data?



Refresh is being used today in leading multinational companies to dramatically reduce the man-hours needed to achieve and maintain perfect SAP material master data.

Business benefits from a typical project:

- Less unnecessary stock
- Reduced working capital
- Easier searching for items
- Less false stock-outs & Reduced maverick buying
- Leveraged plant commonality - sharing of big-ticket items
- Reduced Dormant or Obsolete Inventory
- Increased process and financial compliance
- Increased Customer Satisfaction
- Less rework / error correcting
- Easier stock level optimization
- More trustworthy Spend Analysis
- Increased Safety & Environmental Performance
- Easier goods receipt and accounts payable processes
- Increased procurement visibility for supplier consolidation
- Data ownership and sharing enhances ongoing data quality

KPI	Potential Savings	Typical Savings
Inventory cost reduction	5-15%	8%
Procurement cost reduction	2-10%	5%
Equipment downtime reduction	2-5%	3%
Supply chain & storage cost reduction	8-12%	10%
Increased procurement & engineering worker productivity	8-20%	15%
Reduced Accounting Compliance Risk	2-5%	3%



Savings (de-dupe only) at some of our customers:

Refresh Software Customer	System mined	Sites in scope year 1	Unique items	Ave. Price	Duplicates	Top 3 Dupe item types found	Number of purchases avoided	Dollar savings year 1	Top 3 Algorithms used #	Algorithms Codename
Large Group of Hospitals, Canada	SAP	10 in N. America	43163	\$241.51	3.04%	Catheters, tubes	24549	\$ 5,928,926	β γ ε	Beta, Gamma, Epsilon
World's Largest Mining Company	SAP	14 in Asia Pacific	79890	\$ 68.51	4.15%	Ophthalmic lenses	37637	\$ 2,578,483	ξ δ γ	Xi, Delta, Gamma
National Ports Authority	Various	4 in Europe	95030	\$ 85.20	4.00%	Cables, Filters, Seals	18284	\$ 1,557,777	γ δ ο	Gamma, Delta, Omicron
Govt. Owned Electricity Utility	SAP	6 in N. America	176882	\$ 89.45	5.53%	Safety Equip, Switch, Hydraulics	45966	\$ 4,111,659	δ ζ γ	Delta, Zeta, Gamma
Global Top 10 Automotive Co.	SAP, IBM	4 in N. America	146128	\$ 67.76	5.26%	Construction Steel, Office Items, Seals	41626	\$ 2,820,551	δ γ ε	Delta, Gamma, Epsilon
Large Group of Hospitals, USA	Infor	5 in N. America	68704	\$220.43	3.15%	Bushings, Bearings, Seals	8678	\$ 1,912,968	β δ ξ	Beta, Delta, Xi

World's Largest Chemical Co.	SAP, Microsoft	25 in N. America	291233	\$121.21	4.12%	Valves, Pipes, Pumps	57594	\$ 6,980,998	ρ ε η	Beta, Epsilon, Eta
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Govt. Owned National Oil co.	SAP	2 in Africa	63477	\$ 56.84	7.35%	Pipes, Switch, Refractories	24360	\$ 1,384,622	ι ε β	Iota, Epsilon, Beta
Fortune 500 Groceries Co.	Various	10 in N. America	93411	\$ 91.58	4.08%	Bearings, Motors, Seals	18540	\$ 1,697,901	γ δ β	Gamma, Delta, Beta
Global Top 3 Chemical Co.	SAP	6 in S. America	127102	\$ 53.61	3.42%	Valves, Seals, Repair kits	31828	\$ 1,706,276	β η ε	Beta, Eta, Epsilon
Global Top 10 Petrochemical Co	Oracle	1 in Mid East	91300	\$252.43	7.27%	Gauges, Bearings, Seals	18313	\$ 4,622,650	β η ε	Beta, Eta, Epsilon
Global Top 10 Aluminium Co.	Various	1 in Mid East	86256	\$212.53	7.16%	Office Supplies, Motors, Safety	16992	\$ 3,611,363	γ θ η	Gamma, Theta, Eta
Global Top 3 Steel Co.	SAP, IBM	4 in Europe	57824	\$ 89.01	4.26%	Switch, Hydraulics, Pneumatics	33760	\$ 3,004,937	ξ ο δ	Xi, Omicron, Delta
Well Known Global Food Co.	SAP	11 in N. America	88536	\$126.34	3.62%	Bearings, Switches, Belts	18911	\$ 2,389,170	γ δ ζ	Gamma, Delta, Zeta
Global Top 3 Meatpacker	SAP	12 in N. America	100332	\$ 91.58	3.97%	Conveyor parts, Valves, Gaskets	18536	\$ 1,697,547	γ δ β	Gamma, Delta, Beta

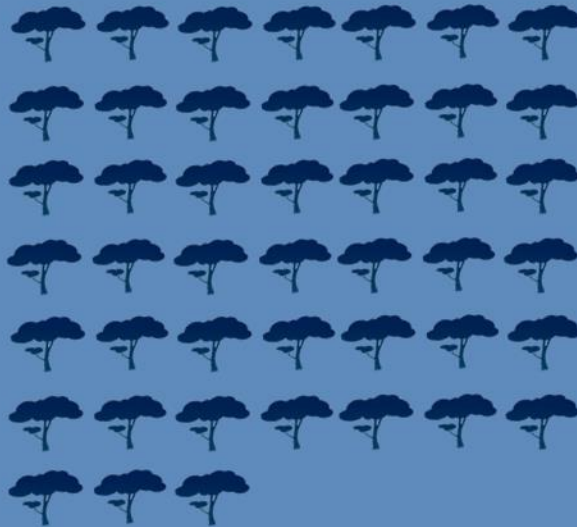
Buying less & de-duplicating also means less emissions.
Last year's total CO₂ saved by Refresh's Top 10 users equalled:

29360
flights



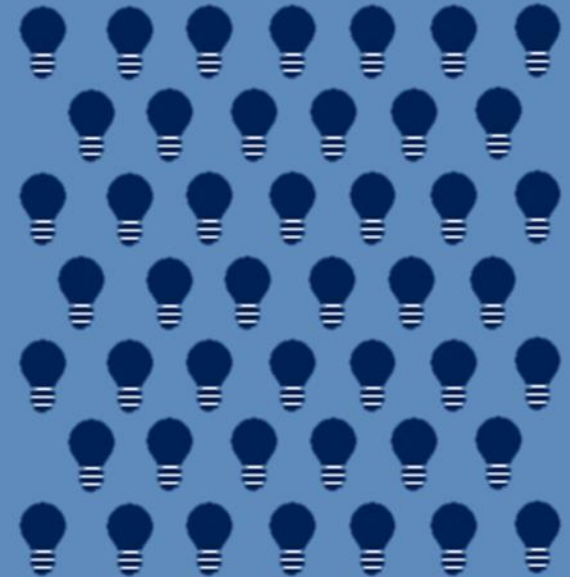
(London to New York)

451690
trees



(that's 22 Central Parks)

461160
lightbulbs



(that's 115 Hollywood Signs)

Real, practical environmental savings on top of cost reduction

Available today. Installed in an hour. 1st Results in a week.



[@materialcleanse](https://twitter.com/materialcleanse)
www.freshinternational.com/contact
accounts<at>freshinternational.com

Contact us for a free live demo.