

Hard to Handle: Optimizing Materials and Inventory Management



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Agenda

1. Configuration & Setup
2. Warehouses
3. Parts
4. Purchase/Sales Orders
5. On-Hand Adjustments
6. Bill of Materials
7. Reports/Dashboards

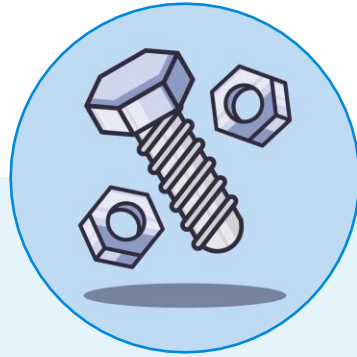


Elements of Materials Management



Warehouse

Physical location of inventory



Inventory

Coded list of inventory across all warehouses.

Codes must be unique.



Purchase/Sales

Different processes can impact inventory positively or negatively

Receiving and distribution can be contingent on invoice matching



Posting Cost

Technicians post material cost onto work orders.

Adjusts inventory as well as charges account if necessary



Warehouse

WAREHOUSES

+ Add

Edit

Copy

Delete

First

Prev

Next

Last

Print

Identity

Repair Centers

Part Inventory

General Information

Most Items Taxable

☐

Code

001

Address Line 1

1212 South 1st Street

Address Line 2

City

Tulsa

State

OK

Phone #

918 454-3290

Fax #

918 454-6092

Parent Code

Default PO Email

☐

Virtual

☐

Active

☒

Name

Central Stores

Size or Area

150,000.00

Manager

AI

Email

luis.pino@tmasystems.com

Account #

B100-B100-C100-D108

Tax Name

Ship To

Delivery Instructions

Bill To

Stock Replenishment

SRW Account #

C100-B100-C100-D107

1

Identity tab contains standard information

2

Part Inventory tab contains parts with levels

WAREHOUSES

TMA SYSTEMS

+ Add

Edit

Copy

Delete

First

Prev

Next

Last

Print

Identity

Repair Centers

Part Inventory

Code

001

Name

Central Stores

Parts

Code	Description	Bin Loc	Quantity	Value	Available	Minimum	Maximum	Critical	Reorder Point	Reorder Qty	Active
04275	Ajax Oxygen Bleach Cleanser	A-15	88	1,919.12	86		10	20	false	15	5 <input checked="" type="checkbox"/>
04275R	Ajax Oxygen Bleach Cleanser		6	60.00	6		8	15	false	10	15 <input checked="" type="checkbox"/>
100000	V Belt, Nominal Outside Length 22 Inches, Top Width 1/2 Inch, Belt 4L, 5/16 Inch Thick, Smooth	a-25	134	3,747.95	13		50	100	true	60	40 <input checked="" type="checkbox"/>
100000A	V Belt, Nominal Outside Length 22 Inches, Top Width 1/2 Inch, Belt 4L, 5/16	A10	16	347.92	31		20	50	false	25	5 <input checked="" type="checkbox"/>

1

2

3

1 - 25 of 59 items



Parts

PARTS

+ Add Edit Copy Delete First Prev Next Last Print

Identity Locations Supplier Alternate Purchase History Xref Sub Assemblies Components


General Information

Code	04275	Active	<input checked="" type="checkbox"/>
Type	Chemicals	SIC Code	
Subtype	Specialty Cleaners	Reorder Point Factor	
Alt Part	14278, 04275, 04279	Issue Unit	EA
Key Noun	Supplies	Order Unit	EA
Description	Ajax Oxygen Bleach Cleanser		
Serialized	<input type="checkbox"/>	Hazardous	<input type="checkbox"/>
Supply Item	<input type="checkbox"/>	CFC	<input type="checkbox"/>
Exclude from Purchase	<input type="checkbox"/>	Tax Sales	<input type="checkbox"/>
Exclude from Requestor	<input type="checkbox"/>	Tax Purchases	<input checked="" type="checkbox"/>
Kit	<input type="checkbox"/>		

UDF

Alt Key Noun

Image



1

Part record established with a unique Part Code

2

Types categorize parts

3

Kits allow you to group parts together and sell/post them as one.

4

Preferred vendor is required to utilize SRW



Purchase Orders & Sales Orders



Purchase Order

- Convert from Purchase Requisition
- Create from Understock List
- Create from Stock Replenishment Wizard

Sales Order

- Convert from Material Request
- Material Requests from external request
- Negative impact on inventory



Posting Material Cost

Ways to add part cost

- Through work order task on mobile
- Cost tab of Work Order in desktop
- Quick Post on mobile or desktop
- Distribution on PO or PR
- Inventory must be sufficient to add parts

Work Order Cost Entry [Save] [Save & Add] [Save & Clone] [Cancel]

Cost Type* Part

General Information

Work Order # IS-950003A Equipment 02289805.2

Task* 1517-Weed Control((Groundsman))

Employee Code*

Employee Name*

Part/Material*

Quantity*/Avail

Date of Work* 03/17/2025

Account #

☐ No Charge ☐ Taxable

Completion

Finish Date

Completion Date

Resolution

Status Desc

Work Not Done ☐

Not Located ☐

Failed PM ☐

Comment

Part Comment

General Comments

[Save] [Save & Add] [Save & Clone] [Cancel]



On-Hand Adjustments

✕ On-hand Adjustment Entry

SaveSave & AddCancel

Adjustment Code*

OHA Sub Description

Part Code*

Part Description*

Warehouse Code

Warehouse Name

Unit Cost

Quantity/Available

Comment

Adjustment Codes

Incoming (+)

1 Positive-Adjustment

2 Return Part

3 Order Arrival

Outgoing (-)

4 Negative Adjustment

5 Issue Part

6 Defective Part

Other

7 Set Average Price

14 Warehouse Relocation

SaveSave & AddCancel

1

General Positive Adjustment

4

General Negative Adjustment

9

MobileTMA Inventory Update

14

Warehouse Relocation



Bill of Materials

Once created, the Parts display on the *Part Reference* Tab or the *XRef* Tab of the maintenance-worthy Item windows.

The screenshot displays the TMA Systems software interface for managing Bills of Materials. The top navigation bar includes a logo, a grid icon, and menu items: File, Transactions, Material, Accounting, Organization, Admin, Reports, and Help. The breadcrumb trail shows the path: Bills of Materials > BOM - BoM2.

Bill of Materials • Sample BoM Group

CODE **NAME**

BoM2 **Sample BoM Group** ☒ Active

PARTS [+ Add Part](#)

10023 Oil filter	QTY 1	✎ 🗑
10010 Pennzoil Ultra-Class Full Synthetic (with Hyper Cleansing Technology™)	QTY 1	✎ 🗑

ITEMS [+ Add Item](#)

MW-1000 Vehicle • 102 inch Blade Mower	🗑
MW-1001 Vehicle • 102 inch Blade Mower	🗑
MW-1002 Vehicle • 102 inch Blade Mower	🗑

Common Reports

Inventory Understock

TMA

SYSTEMS

UC Education

Inventory Understock

Warehouse Code is equal to 001

SKU Code	Description	Available	On Order	Reorder Qty		Reorder Cost	
				Min	Max	Min	Max
04275R-001	Ajax Oxygen Bleach Cleanser	6	19	8	15	73.85	138.46
100010-001	Condenser pads	1	61	25	50	687.50	1375.00
100011-001	Temperature Alarm	2	48	20	50	0.00	0.00
10002-001	Serialized Part	2	88	50	100	5000.00	10000.00
10022-001	Battery, Car	1	0	2	5	150.00	375.00
10024-001	Oil filter 2	0	0	2	20	2.50	25.00
GYP250/18-001	Good Year 250/75 R18 All Weather	98	0	100	200	15000.00	30000.00
Report Total						20913.85	41913.46

1 / 1

Inventory Overstock

TMA SYSTEMS					
UC Education					
Inventory Overstock					
Warehouse - Inventory Record Code	Description	Warehouse - Quantity	Overstock	Qty On Order	Overstock Amount
ELBOW2-001	Elbow, Stainless Steel, 2"	453	453	459.00	634.2
ELBOW2-002	Elbow, Stainless Steel, 2"	13	13	459.00	18.2
100000-001	V Belt, Nominal Outside Length 22 Inches, Top Width 1/2 Inch, Belt 4L, 5/16 Inch Thick, Smooth	134	34	182.00	1049.7194
100002-001	Compressor	8	8	185.00	3407.2728
100004-001	Matsushita Compressor	8	8	1.00	6446.6136
100005-002	Bristol 7-15 ton Heat pump comp.	2	2	3.00	1578
100006-001	Matsushita Rotary	2	2		500



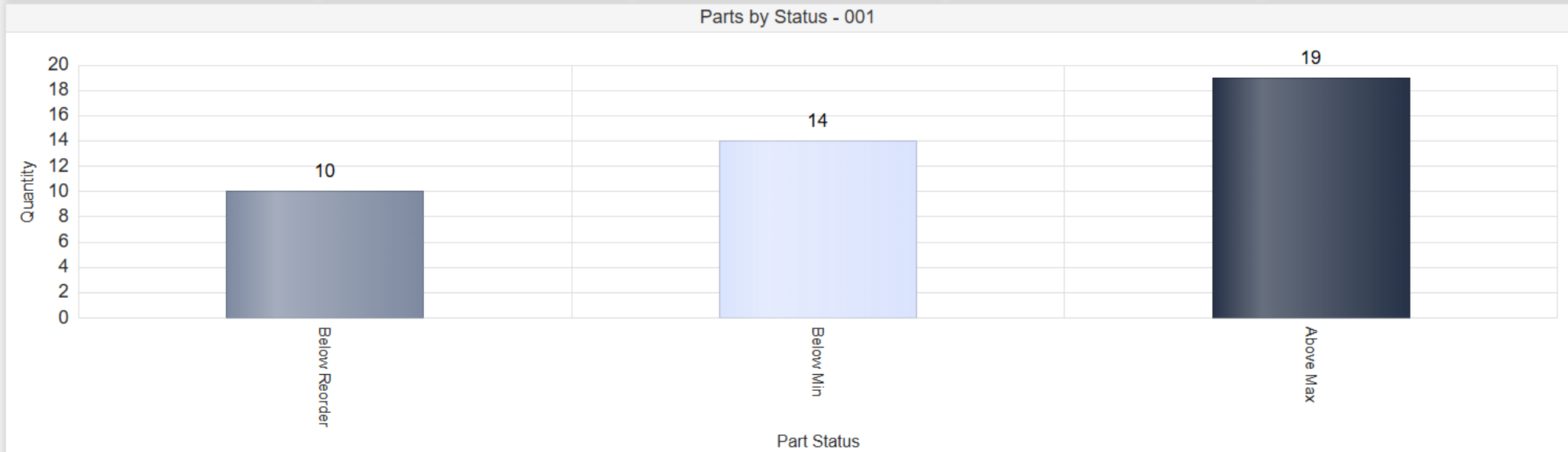
MY DASHBOARD



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[Custodial Inspections](#)
[WO Management - Electrician](#)
[Schedules - Electrician](#)
[My Work](#)
[Director - PP Non-PM Management](#)
[Warehouse - 001](#)
[Procurement](#)
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Open POs - 001	Parts Not in Warehouse	Parts without Preferred - 001	Inventory Value - 001	
15	21	6	288,539	
Critical Parts - 001	No Transactions - 001	Parts Received Last 30 - 001	Parts Excluded from Purchase - 001	Purchase Order
2	29	0	0	Add



MY DASHBOARD



[+ Add](#)
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PO Open By Days



— 0-14 Days
 — 15-29 Days
 — 30-59 Days
 — 60-89
 — > 90 Days

Unauthorized POs

5

Unauthorized PRs

28

Open PRs

24

PRs not Converted

24

POs Not Ordered

119

Unconverted Request for Quote

17

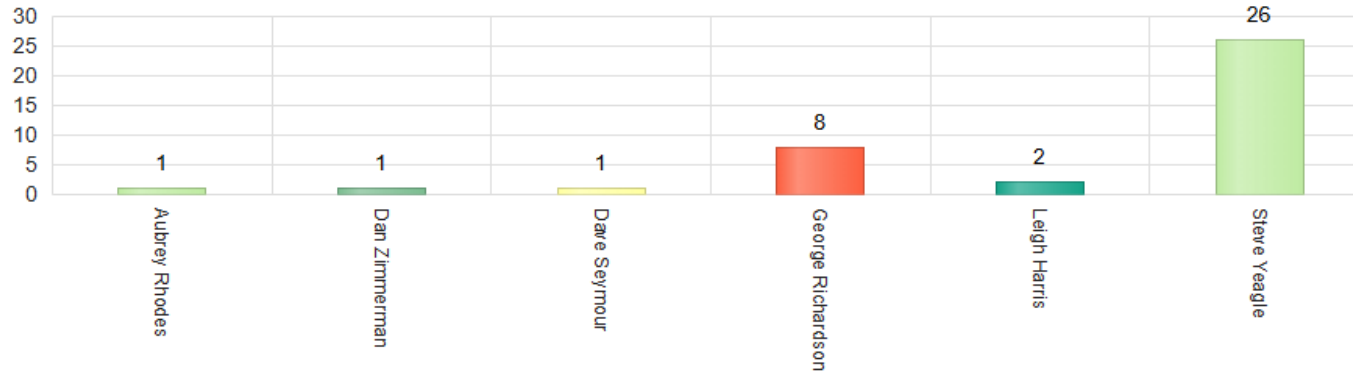
Purchase Order

Add

PO Ordered

19

Open POs by Buyer



POs Closed Last 30 Days

0

Open Blanket POs

13

Distribution Mismatch

5

Filtered RFQ to Buyer

0



Thank You / Q&A

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25 YEARS
OF COMMUNITY, PARTNERSHIP, AND GROWTH