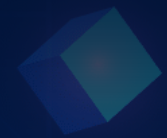
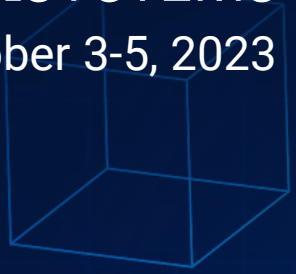


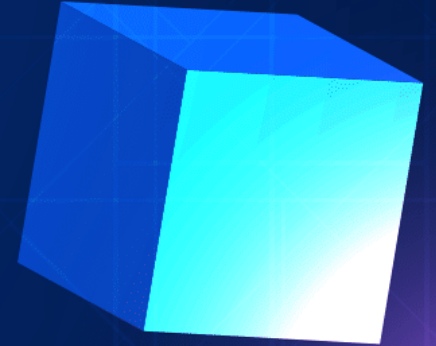


UC23 | October 3-5, 2023



Materials Management Advanced

Darren Brown, Director of Professional Services, TMA Systems





Darren Brown

Director of Professional Services

Darren.brown@tmasystems.com

Prior to TMA I served in the United State Air Force for 8 year. I came to TMA 25 years ago and move right into Professional Services. During that time, I managed large scale projects and help facilitate TMA's services offerings. I was later promoted to Director or Professional Services to managed our trainers, implementers and mentored our project managers. I enjoy developing teams that will shape the future of TMA as well as working with our clients.





Agenda

1. Advance Procurement
2. Parts Transfer
3. Virtual Warehouse
4. Task Requirements
5. Parts Allocations
6. P-Cards
7. Roadmap Items



Advance Procurement

01

Request for Quotes

04

Invoicing

02

Purchase Requisitions

05

Universal Procurement Interface

03

Stock Replenishment Wizard



Quotes & Requisitions

- **Request for Quotes**

- Support requesting multiple vendors to provide pricing for Parts and OTP (one-time purchases)
- Identify Standing POs for negotiated orders.
- Convert to Purchase Order or Requisitions

- **Requisitions**

- Capture request from staff to procure items
- Support Approval Processes
- Convert to Purchase Order or Request for Quote



Quote

REQUEST FOR QUOTE

✓ Save ✕ Cancel

Identity PRs POs Distribution Attachment

General Information

Quote # 6031

Converted from PR#

Quote Date* 02/24/2023

RC Code IS

Repair Center Name Information Systems

Department IT

Department Name Information Technology Services

Required Date 03/03/2023

Tax Name Tax Rate 7.5900%

Requestor Jenny Pino

Phone # 918-880-6655

Status Pending Approval of Estimate

Buyer Code 110

Buyer Name Joe West

Quote Items

Add Item

	Account #	Part Code	Description	Quantity	Order Unit Qty	Unit Cost	Extended	Taxable	Mfr.	M
<input type="checkbox"/>		2059-05090536100	CABLE, DISPLAY INTERCONNECT, 10FT	10	1/EA	24.99	249.90	<input type="checkbox"/>		

Add Distribution

	OTP?	WO #	Task Desc	Required Qty	Balance	Account	Email	Comment
<input type="checkbox"/>	<input type="checkbox"/>	IS-1050145	NETWORK - Network Connectivity	1	1	B100-B100-C100-D106		

<input type="checkbox"/>		2059-603200820	CABLE, ETHERNET PATCH, 6'L	4	1/EA	24.99	99.96	<input type="checkbox"/>		
--------------------------	--	----------------	----------------------------	---	------	-------	-------	--------------------------	--	--

1 - 2 of 2 items



Purchase Requisitions

PURCHASE REQUISITIONS

+ Add
✎ Edit
📄 Copy
✕ Delete
⏪ First
⏩ Prev
⏪ Next
⏩ Last
🖨 Print

Identity
POs
Approval Routing History
Distribution
Attachment

General Information

Vendor Code 10

Vendor Name www.grainger

Department Code FM

Department Name Facilities Management

Type Code Housekeeping

Type Description Housekeeping

Requestor Jenny Pino

Requestor Phone 918-880-6655

Buyer Code 135

Buyer Name Jesse Song

UI Export

Requisition # PR-10099

Quote #

Requisition Date 02/27/2023

Repair Center Code CU

Project #

Reference #

Required Date 03/10/2023

Tax Name Tax Rate 7.5900%

Ship Via FedEx

Status Pending Approval of Estimate

Status Note

Purchase Requisition Item Details

Account #	Code	Description	Order Qty	Order Unit	Distributed	Unit Cost	Ext Cost	Tax	Mfr.
	04275R	Ajax Oxygen Bleach Cleanser	10	1/EA		10.0000	100.00	<input type="checkbox"/>	
	CLO00458	Clorox Green Works Natural Dilutable Cleaner - 6 / 64 oz / Case	10	5/BX		56.2500	562.50	<input type="checkbox"/>	
	CO211710	Continental Twister Diamond White Cleaning Pad, 20", #211710 - 6 pads / Case	3	5/BX		56.2500	168.75	<input type="checkbox"/>	
	SignWF	Wet Floor Sign	6	EA		36.3300	217.98	<input type="checkbox"/>	

OTP?	WO#	Task Desc	Required Qty	Balance	Account
<input checked="" type="checkbox"/>	CU-25077	RS-Restock Custodial Supplies	1.00	1.00	C100-B108 D108

⏪ ⏩ 1 ⏪ ⏩

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1 - 5 of 5 items



Stock Replenishment Wizard

- Used when ordering specific parts from preferred vendors
- Having the application suggest the order quantity to get your stockroom to reorder point
- Wizard can review PM Task Requirements to make sure quantity needed for PM is available when the PM generate
- User to order quantity for the parent warehouse and truck stock/rolling stock/supply closets



Stock Replenishment Wizard

Accounting Organization Admin Reports

PARTS

✓ Save ✕ Cancel

Identity Locations **Supplier** Alternate Purchase History

Code 10057

Locations

Add Warehouse

				Code
				001
				C-Smith
				T-Williams

Location Entry Save Save & Add Save & Clone Cancel

Inventory Active

Critical

Review Part

Warehouse Code* 001

Technician Code

Technician Name

Bin Location

• Preferred Vendor BEST EQUIPMENT SERVICE & SALES

Available* 1

Minimum 10

Maximum 20

• Reorder Point 10

• Reorder Qty 10

Average Price 30.9600

Standard Price 40.0000

Mark Up

On Order 0 1/EA

Save Save & Add Save & Clone Cancel



Stock Replenishment Wizard

STOCK REPLENISHMENT WIZARD

Selection | PM Requirements | Preview | Results

Next

Select Repair Center ▼

Repair Center Code* ▼ ...

Repair Center Name* ▼ ...

Purchase Order
 Purchase Requisition
 Request For Quote

Select Warehouses ▼

Filter By Parent Warehouse

<input type="checkbox"/>	Code	Name
<input type="checkbox"/>	001	Central Stores
<input type="checkbox"/>	003	Custodial Supplies
<input type="checkbox"/>	GR	Grounds Warehouse
<input type="checkbox"/>	T-Williams	Williams Truck
<input type="checkbox"/>	C-Smith	Charles Smith Truck



Stock Replenishment Wizard

STOCK REPLENISHMENT WIZARD

Selection | PM Requirements | Preview | Results

Next

Select Repair Center ▼

Repair Center Code* ▼ ...

Repair Center Name* ▼ ...

Purchase Order
 Purchase Requisition
 Request For Quote

Select Warehouses ▼

Filter By Parent Warehouse

<input type="checkbox"/>	Code	Name
<input type="checkbox"/>	001	Central Stores
<input type="checkbox"/>	003	Custodial Supplies
<input type="checkbox"/>	GR	Grounds Warehouse



Stock Replenishment Wizard

STOCK REPLENISHMENT WIZARD

Selection | PM Requirements | Preview | Results

Previous Submit

Purchase Orders ▼

<input type="checkbox"/>			PO Number	Warehouse ...	Warehouse ...	Vendor Code	Vendor Name	SubTotal	Tax	Freight
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		001	Central Stores	BESTEQUIP	BEST EQUIPMENT SERVICE & SALES	743.04	0.00	

	Account #	Code	Description	Ordered	Order Unit Qty	Unit Cost	Ext Cost
<input type="checkbox"/>	C100-B100-C100-D107	10057	Filter	24	1/EA	30.9600	743.04

◀ ◀ 1 ▶ ▶▶

1 - 1 of 1 items



Universal Procurement Interface

- Share procurement information with your Enterprise Resource Planning application (ERP)
- Connections options include Comma Delimited Text Files, Databases (Microsoft SQL Server or Oracle), Tab Delimited Text files or Web Service
- Reduce the double entry of information in two or more systems
- UPI Invoice and Payment Import and Export



Virtual Warehouse

- Allows for immediate billing of materials by Trade if a virtual warehouse exists.
- Issue part using the same windows in the application or on mobile, logic is behind the scenes.
- Issuance of parts from a central warehouse to a work order task where the assigned trade has a virtual warehouse will create a part transfer automatically.
- Virtual warehouse/trade's credit account is applied to work order and is reimbursed only if the work order is billable.



Parts Transfers

- Transfer parts between stockrooms
- Use Min Max and Deficiency to manage inventory on secondary/satellite warehouses
- Recoup cost by selling to other stockrooms if each stockroom has different budgets



Part Requirements and Allocations

- Task Part Requirements for PMs
- Stock Replenishment Wizard will include deficient quantity for reorder
- If using Enterprise (WebTMA 5) or Plus (WebTMA 7), parts are earmarked for specific work orders if Quantity is Available
- Parts are issued on work order in application or mobiles
- If work order is completed without needing the parts, they are released when closed.



Part Requirements and Allocations

TASK

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Identity Task Check List Resolution Requirements PMs Repair Centers Work Orders Cost

Code 10575 **Description** Replace Belts Ventilation Fan

Required Parts

Item Type	Code	Part Code	Part Description	Quantity	Manufacturer ...	Manufacturer ...
		100001	Fan Belt - 175	2	003	999809
		2386-276084	KIT, CONNECTION	1		

1 - 2 of 2 items



Purchase Order Invoicing

- Used when price on the Invoice could be different than order price on Purchase Order
- Allows users to receive the goods without having the final invoice price
- Received items can be issued to Work Orders, Sales Orders or transferred to other stockrooms. (Docked Items.)
- Un-invoiced items cannot be posted until matching has been completed.
- Match Purchase Order to the received On-Hand Adjustments to Invoice Document 3-way matching
- User privileges for overriding items that are not 3-way matched.



Purchase Order Invoicing

ACCOUNTS PAYABLE INVOICE

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Identity | On-hand Adjustment | Variance | A/P Payments

Invoice # 200133 **Invoice Date** 2023-02-28

Variance

Part Code	Description	IsQu...	Quantity	Unit	Is...	Unit \$	Is...	Extended Cost
10026	Part Kit - HVAC A	☰ ☰	3.00		☰ ☰ i☰	120.0000	☰ ☰ i☰	360.00
Item Description			Quantity	Unit	Unit Cost		Extended Cost	
Purchase Order Line 1			5.00	1/EA	109.0000		545.00	
Adjustment Line 10506			1.00	1/EA	109.0000		109.00	
Adjustment Line 10507			2.00	1/EA	109.0000		218.00	

⏪ ⏪ 0 ⏩ ⏩
No items to display



P-Cards

- Purchase Cards (P-Cards) or credit cards provided to employees to purchase items for the organization
- Record P-Card transactions to purchase materials for stock, for a specific work order, to sell on Sales Order
- Items are not post-able until the statement is matched
- Match the transactions to the credit card statement finalized the price for the goods and issue records or stockroom.



P-Cards

P-CARD TRANSACTION

+ Add
✎ Edit
📄 Copy
✕ Delete
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⏪ Prev
⏩ Next
⏩ Last
🖨 Print

Identity
History

General Information

<p>Vendor 01</p> <p>Vendor Name Internal Requisition</p> <p>Transaction Type EMER</p> <p>Transaction Description Emergency Supplies or Services</p> <p>Card # 1252</p> <p>Issuing Bank CitiBank</p> <p>Type / Expiration MasterCard</p> <p>Card Expiration 01/30/2015 00:00:00</p> <p>Card Holder 102</p> <p>Card Holder Name Dave Seymour</p> <p>Status</p> <p>Status Note</p>	<p>Transaction # 8</p> <p>Transaction Date 02/21/2023</p> <p>Repair Center PP</p> <p>Reconciler</p> <p>Reconcile Date</p> <p>Statement Date</p> <p>Tax Rate Tax Rate 7.5900%</p>
---	---

Details

#	Item Type	Part Code	Part Description	Qty	Order Unit	Unit Cost	Ext Cost	Taxable	Order #
1	Stocked	10025-001	Emergency Light: LED, Damp Location Rated, 1.8 W Lamp Watt, 120V AC, 3.6 W Emergency Watt, Surface	2	BX	3.95	7.90	<input checked="" type="checkbox"/>	
2	Non-stocked	Kit 1	Kit 1	2	EA	20.60	41.20	<input type="checkbox"/>	PP-20000012



Roadmap Items

- **Cycle Counts**

- Part locations down to the aisle, row, and bin
- Create and review cycle counts
- Review discrepancies
- ABC part classifications on SKU

- **Bill of Materials (BOM)**

- List of parts, items, assemblies, and other materials required for an item
- Link to following record types
 - Make/model
 - Type/Subtype
 - Item





If you have additional questions,

please reach out to support@tmasystems.com.



Thank You.

marketing@tmasystems.com | tmasystems.com



Appendix.