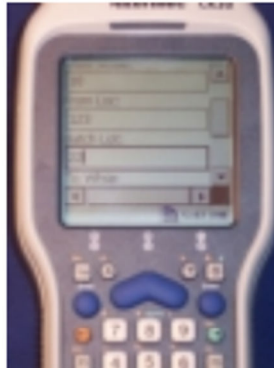


Mapics Inventory & Stock Room Standard Transactions

- The MAPICS Templates is a ready-to-use solution for customers of the MAPICS XA and Production Monitoring & Control (PM&C) modules.
- Includes a set of transaction programs:
 - Transaction Connection (TC) (5250 Emulation with EHILLAPI API)
 - TC scripts to map formatted Mapics transactions to the Host.
 - Terminal Prompts
- Permits the collection of shop floor and inventory transactions to be entered into the data collection terminal (DCT) and be forwarded to the MAPICS XA PM&C application in realtime.

Product Features

- Real-time MAPICS XA Data collection of shop floor data including:
 - **Inventory**
 - Time & Attendance
 - work orders
 - machine utilization
 - resource allocation
 - and other important information.
- Transactions entered at the DCT are immediately entered into PM&C for update of the MAPICS XA database. Production control, plant management, and other personnel in need of the latest data from the plant floor are provided immediate access.



ERPBridge for MAPICS utilizes the features of TC to:

- Automatic Sign-on and screen mapping to TRDATA (Blob Screen)
- Format and send transaction data to the PM&C.
- Enable the use of single or multiple 5250 Sessions for MAPICS sessions to feed data to one or more MAPICS XA environments.
- Data collection (upstream apps) **buffer transactions** less sensitive to network disturbances
- Optional two-way interface, by writing additional TC scripts

[Template Description](#)

The ERPBridge for MAPICS product provides transaction programs for eight different 'templates' of MAPICS XA transactions. For details of a template, select it from following list.

- Template A: Discrete Manufacturing
- **Template B: Stock Room**
- **Template C: Receiving**
- Template D: Fast Track Time and Attendance
- Template E: Quality Control
- Discrete Manufacturing
- Discrete Manufacturing - Uncontrolled Warehouse

Different versions of each template are created for different terminal types.

Inventory Templates are listed below:

Version B Template - Stock Room

This section shows the default function key assignment in the Stock Room template. These function group files are identified with a "b" suffix in the name.

For details on a transaction program - it's prompts, field length and attributes - select it from the following list.

- F1: Planned Issue (IP) (See[Template B, F1](#))
- F2: Unplanned Issue (IU) (See[Template B, F2](#))
- F3: Pick Complete by Order (PC) (See[Template B, F3](#))
- F4: Miscellaneous Issue (IS) (See[Template B, F4](#))
- F5: Manufacturing Order Receipt (RM) (See[Template B, F5](#))
- F6: Miscellaneous Receipt (RC) (See[Template B, F6](#))
- F7: Inter-warehouse Transfer (TW) (See[Template B, F7](#))
- F8: Inter-warehouse Issue (IW) (See[Template B, F8](#))
- F9: Inter-warehouse Receipt (RW) (See[Template B, F9](#))
- F10: Return to Stock (RS) (See[Template B, F10](#))
- F11: Scrap from Stock (SS) (See[Template B, F11](#))
- F12: Manufacturing Component Scrap (SC) (See[Template B, F12](#))
- F13: Manufacturing Order Scrap (SM) (See[Template B, F13](#))
- F14: Sales Shipment (SA) (See[Template B, F14](#))
- F15: Vendor Return (VR) (See[Template B, F15](#))
- F16: Add Physical Inventory (PA) (See[Template B, F16](#))
- F17: Physical Inventory (PH) (See[Template B, F17](#))
- F26: Error Transaction (ER) (See[Template B, F26](#))
- F27: User Defined (ZZ) (See[Template B, F27](#))
- F28: Time and Attendance (TA) (See[Template B, F28](#))

Template B, F1

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F1 (A)	IP: Planned Issue	1	Enter Badge...	7	7	N
		2	Turnaround 2...	9	9	N
		3	Quantity...	12	12	S,3
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F2

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F2 (B)	IU: Unplanned Issue	1	Enter Badge...	7	7	N
		2	Turnaround 1...	9	9	N
		3	Item Number...	15	15	A/N
		4	User Sequence...	4	4	N
		5	Warehouse...	3	3	A/N
		6	Quantity...	12	12	S,3
		7	Location...	7	7	A/N
		8	Batch Lot...	10	10	A/N
		9	FIFO...	6	6	N
		10	Reference...	10	10	A/N
		11	Reason...	6	6	A/N

Template B, F3

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F3 (C)	PC: Pick Complete	1	Enter Badge...	7	7	N
		2	Turnaround 1...	9	9	N
		3	Quantity...	12	12	S,3
		4	Reference...	10	10	A/N
		5	Reason...	6	6	A/N

Template B, F4

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F4 (D)	IS: Misc Issue	1	Enter Badge...	7	7 c.N	
		2	Item Number...	15	15	A/N
		3	Warehouse...	3	3	A/N
		4	Quantity...	12	12	S,3
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F5

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F5 (E)	RM: Mfg Order Receipt	1	Enter Badge...	7	7	N
		2	Turnaround 1...	9	9	N
		3	Quantity...	12	12	S,3
		4	Completion Code [' ', P, C, R]	1	1	A
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F6

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F6 (F)	RC: Misc Receipt	1	Enter Badge...	7	7	N
		2	Item Number...	15	15	A/N
		3	Warehouse...	3	3	A/N
		4	Quantity...	12	12	S,3
		5	Transaction Amount...	17	17	S,4
		6	Location...	7	7	A/N
		7	Batch Lot...	10	10	A/N

		8	FIFO...	6	6	N
		9	Reference...	10	10	A/N
		10	Reason...	6	6	A/N

Template B, F7

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F7 (G)	TW: Inter Whse Xfer	1	Enter Badge...	7	7	N
		2	Item Number...	15	15	A/N
		3	'From' Warehouse...	3	3	A/N
		4	'From' Location...	7	7	A/N
		5	Batch Lot...	10	10	A/N
		6	FIFO...	6	6	N
		7	'To' Warehouse...	3	3	A/N
		8	'To' Location...	7	7	A/N
		9	Quantity...	12	12	S,3
		10	Transaction Amount...	17	17	S,4
		11	Reference...	10	10	A/N
		12	Reason...	6	6	A/N

Template B, F8

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F8 (H)	IW: Inter Whse Issue	1	Enter Badge...	7	7	N
		2	Item Number...	15	15	A/N
		3	Warehouse...	3	3	A/N
		4	Quantity...	12	12	S,3
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F9

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
--------------	------------------	------	---------	------	------	------

F9 (I)	RW: Inter Whse Recpt	1	Enter Badge...	7	7	N
		2	Item Number...	15	15	A/N
		3	Warehouse...	3	3	A/N
		4	Quantity...	12	12	S,3
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F10

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F10 (J)	RS: Return to Stock	1	Enter Badge...	7	7	N
		2	Turnaround 2...	9	9	N
		3	Quantity...	12	12	S,3
		4	Transaction Amount...	15	15	S,4
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F11

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F11 (K)	SS: Scrap From Stock	1	Enter Badge...	7	7	N
		2	Item Number...	15	15	A/N
		3	Warehouse...	3	3	A/N
		4	Quantity...	12	12	S,3
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	Reference...	10	10	A/N
		9	Reason...	6	6	A/N

Template B, F12

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F12 (L)	SC: Mfg Comp Scrap	1	Enter Badge...	7	7	N
		2	Turnaround 2...	9	9	N
		3	Quantity...	12	12	S,3
		4	Reference...	10	10	A/N
		5	Reason...	6	6	A/N

Template B, F13

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F13 (M)	SM: Mfg Order Scrap	1	Enter Badge...	7	7	N
		2	Turnaround 1...	9	9	N
		3	Quantity...	12	12	S,3
		4	Reference...	10	10	A/N
		5	Reason...	6	6	N

Template B, F15

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F15 (O)	VR: Vendor Return	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	UOM...	2	2	A/N
		5	Resupply... [Y,N]	1	1	A
		6	Transaction Amount...	17	17	S,4
		7	Location...	7	7	A/N
		8	Batch Lot...	10	10	A/N
		9	FIFO...	6	6	N
		10	GRN...	10	26	A/N
		11	GRN Invoice	N/A	1	A/N
		12	Reference...	10	10	A/N
		13	Reason...	6	6	A/N

Template B, F16

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F16 (P)	PA: Add Phys Inv	1	Enter Badge...	7	7	N
		2	Warehouse...	3	3	A/N
		3	Item Number...	15	15	A/N
		4	Quantity...	12	12	S,3
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N

Template B, F17

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F17 (Q)	PH: Phys Inv	1	Enter Badge...	7	7	N
		2	Turnaround 11...	12	12	N
		3	Quantity...	12	12	S,3

Template B, F26

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F26 (Z)	ER: Error Trans	1	Enter Badge...	7	7	N
		2	Transaction Type...	2	2	A

Template B, F28

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F28	TA: Time & Attendance	1	Enter Badge...	7	7	N



Version C Template - Receiving

- F1: Vendor Return (VR) (See [Template C, F1](#))
- F2: Receipt to Dock (RD) (See [Template C, F2](#))
- F3: Controlled Receipt to Inspection (RI) (See [Template C, F3](#))
- F4: Controlled Receipt to Stock (RD) (See [Template C, F4](#))
- F5: Purchase Order Scrap (SP) (See [Template C, F5](#))
- F6: Uncontrolled Receipt to Inspection (RI) (See [Template C, F6](#))
- F7: Uncontrolled Receipt to Stock (RP) (See [Template C, F7](#))
- F8: Uncontrolled Vendor Return (VR) (See [Template C, F8](#))
- F26: Error Transaction (ER) (See [Template C, F26](#))
- F27: User Defined (ZZ) (See [Template C, F27](#))
- F28: Time and Attendance (TA) (See [Template C, F28](#))

Template C, F1

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F1 (A)	VR: Vendor Return	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N
		5	Resupply... [Y,N]	1	1	A
		6	Transaction Amount...	17	17	A/N
		7	Location...	7	7	A/N
		8	Batch Lot...	10	10	A/N
		9	FIFO...	6	6	N

		10	GRN...	10	26	A/N
		11	GRN Invoice...	N/A	1	A/N
		12	Reference...	10	10	A/N
		13	Reason...	6	6	A/N

Template C, F2

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F2 (B)	RD: Receipt to Dock	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N
		5	Reference...	10	10	A/N
		6	Reason...	6	6	A/N
		7	GRN...	N/A	26	A/N
		8	GRN Invoice...	N/A	1	A/N

Template C, F3

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F3 (C)	RI: Controlled R-I	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N
		5	Location...	7	7	A/N
		6	Batch Lot...	10	10	A/N
		7	FIFO...	6	6	N
		8	GRN...	N/A	26	A/N
		9	GRN Invoice...	N/A	1	A/N
		10	Country of Origin	N/A	3	A/N
		11	Reference...	10	10	A/N
		13	Reason...	6	6	A/N

Template C, F4

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F4 (D)	RP: Controlled R-S	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N
		5	Completion Code [' ', P, C, R]	1	1	A
		6	Transaction Amount...	17	17	S,4
		7	Location...	7	7	A/N
		8	Batch Lot...	10	10	A/N
		9	FIFO...	6	6	N
		10	GRN...	10	26	A/N
		11	GRN Invoice...	N/A	1	A/N
		12	Country of Origin	N/A	3	A/N
		13	Reference...	10	10	A/N
		14	Reason...	6	6	A/N

Template C, F5

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F5 (E)	SP: P.O. Scrap	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N
		5	Reference...	10	10	A/N
		6	Reason...	6	6	A/N

Template C, F6

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F6 (F)	RI: Uncontrolled R-I	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N

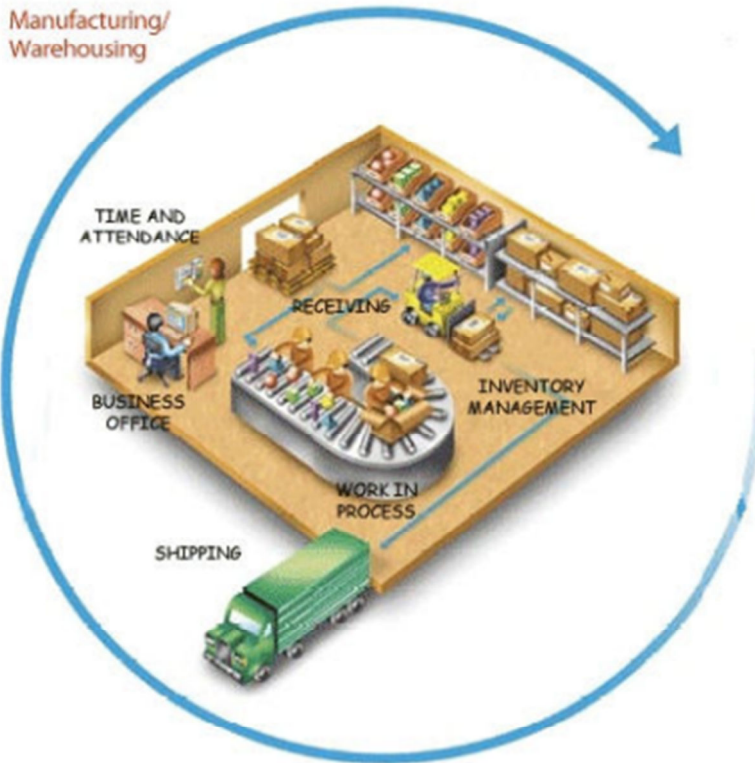
		5	Reference...	10	10	A/N
		6	Reason...	6	6	A/N

Template C, F7

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F7 (G)	RP: Uncontrolled R-S	1	Enter Badge...	7	7	N
		2	Turnaround 6,7...	9	9	N
		3	Quantity...	12	12	S,3
		4	Unit of Measure...	2	2	A/N
		5	Completion Code [' ', P, C, R]	1	1	A
		6	Transaction Amount...	17	17	S,4
		7	Reference...	10	10	A/N
		8	Reason...	6	6	A/N
		9	GRN...	N/A	26	A/N
		10	GRN Invoice...	N/A	1	A/N
		11	Country of Origin	N/A	3	A/N

Template C, F27

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F27	ZZ: User Defined	1	Enter Badge...	7	7	N
		2	Any Turnaround...	9	9	N
		3	User 1...	15	15	A/N
		4	User 2...	15	15	N/A
		5	Quantity...	12	12	S,3
		6	Sub Type...	1	1	A/N



Version D Template - Fast Track Time and Attendance

- F26: Error Transaction (ER) (See [Template D, F26](#))
- F27: User Defined (ZZ) (See [Template D, F27](#))
- F28: Time and Attendance (TA) (See [Template D, F28](#))

Template D, F28

Function Key	Transaction Type	Step	Prompts	*R22	*R23	Attr
F28	TA: Time & Attendance	1	Enter Badge...	7	7	N/A