



# **Shop Floor Plus**

## Web Based Data Collection & Shop Floor Scheduling Application

Presented By  
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## ARE THESE CURRENT ISSUES FOR YOU?

- Work-packets are printed and staged at workcenters to control the shop floor
- Work-packets needed to access BOM and router information and record data which is filed away for future audits.
- Daily labor cards or data sheets manually input to record labor hours and quantity at operation completed or scrapped.
- Manual spreadsheets created to track labor.
- Custom scheduling system using an access data base or excel spreadsheet.
- Shop floor decides what to build--no accountability to the schedule
- Lean schedule initiative not aligned to MRP schedule
- Lack real time visibility to workcenter status, productivity or efficiency.

## Web Based Shop Floor Data Collection

- Easy to use Graphical Interface
- Touch Screen or iPad
- Integrates Directly to PMC
- Individual or Crew Clocking, On and Off the Job.
- Crew Clocking Edit Functionality
- Captures Set-up, Run, or Indirect time
- Visibility to Actual Labor vs. Standard
- Record Number of Pieces Scrapped with Reason Code
- Warning Messages on Quantity Completed and Operation Complete
- Updates with Select & Edit Job

## Generates Shop Floor Schedule

- Select Schedule by Workcenter
- Replacement of Dispatch Reports and Spreadsheets
- Schedule by MFG Due Date, Start Date or Item Number
- Real Time Updates to Eliminate Need for Work Packet
- Visibility of Job Status by **Color**
- Visibility to Employee Status
- Priority Setting to Direct Work
- Drill Down to Workorder Header/BOM/Routing Detail
- Hyperlinks to Workorder Detail/Drawings/Inventory Status
- Visibility of all Employees on Job w/detail time.

## Additional Functionality

- Password Protected Login
- RM Transaction and JOB OFF Simultaneously
- Stand Alone Scrap Transaction
- Workorder Comments- Real time/Color Coded
- Workorder Notes at Operation stored in MO History
- Prompt for label print or documentation print
- Workorder component BOM displayed with Shortages
- Inventory Status at Component level
- Ability to Hyperlink to Standard Work Procedures, Video, Drawings
- On Line Labor Tracking Tool w/Efficiency Calculations

## Technical Requirements

- AS400 HTTP Instance
- Programming in RPGLE
- CGI-DEV Service Program (IBM Tool, no charge)
- PMC, XA R7.8 and higher
  - Employee Master Set-up
  - Schedule Set-up
  - Routine Job for Select & Edit

# Shop Floor Plus –Data Collection / Scheduling Home Screen

The screenshot shows the Shop Floor Plus Home Screen within a VMware Remote Console window. The interface includes a header with the CISTECH logo and the title 'Shop Floor Plus'. Below the header, there are input fields for 'Enter/Scan Badge:' (containing '0000001') and 'Password:' (with a masked character). Three main buttons are visible: 'Log In', 'Lbr Efficiencies', and 'TA In/Out'. A numeric keypad is located below these buttons. Red arrows point from text boxes to specific elements: 'Scan Badge Number Or Use Touch-screen' points to the badge input field and the numeric keypad; 'Password Protected For Electronic Signature' points to the password field; 'Time and Attendance To scan into building' points to the 'TA In/Out' button; and 'Labor Reporting Inquiry Option' points to the 'Lbr Efficiencies' button. The bottom of the screen shows the VMware toolbar and the Windows taskbar.

VM2 VMware Remote Console Devices

**CISTECH** The MAPICS Experts **Shop Floor Plus** Employee Scanning

Enter/Scan Badge: 0000001 Password: •

Log In Lbr Efficiencies TA In/Out

Scan Badge Number Or Use Touch-screen

Password Protected For Electronic Signature

Time and Attendance To scan into building

Labor Reporting Inquiry Option

7 8 9  
4 5 6  
1 2 3  
C 0 -

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start VM2 M... Search Desktop 2:14 PM

# List of Workcenters for Employee to Select. Can Display by Assigned Department/Terminal Location

VM2 VMware Remote Console ▾ Devices ▾

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Work Center Selection

**Show All** ← Position To:  → **Indirect**

Select	Work Center	Site	Description	Dept	Fore man	Grp	Active Employees	
							Run	Setup
Select	ACO	100	COMPRESSOR SHOP					
Select	CRG08	850	RESOURCE GROUP #08, 8" GOSS - SW ONLY	0420	CWR			
Select	CRG09	850	RESOURCE GROUP #09, 8" GOSS	0420	CWR			
Select	9000	100	INSPECTION	2400			5	
Select	9000	200	INSPECTION					
Select	9000	300	INSPECTION					
Select	9000	555	INSPECT COMPONENTS					

**Total Employees 5**

Employee selects the workcenter

Number of employees Scanned in on jobs

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# List of Workcenters for Employee to Select.

## Display of INDIRECT Workcenters Only

VM2 VMware Remote Console ▾ Devices ▾

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The MAPICS Experts

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Work Center Selection

Show Assigned

Position To:

Indirect

Employee selects the workcenter

Select	Work Center	Site	Description	Dept	Fore man	Grp	Active Employees	
							Run	Setup
Select	24003	100	CLEAN -UP	2400		IND		
Select	24004	100	SUPERVISOR DIRECTED	2400		IND		
Select	24005	100	SS	2400		IND		
Select	24006	100	KAIZEN EVENT	2400		IND		
Select	24007	100	COMPANY EVENT	2400		IND		
Select	30003	100	CLEAN -UP	3000		IND		
Select	30004	100	SUPERVISOR DIRECTED	3000		IND		
Select	30005	100	SS	3000		IND		
Select	30006	100	KAIZEN EVENT	3000		IND		

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# List of Workcenters for Employee to Select. Indirect Workcenter/Indirect Workorder

VM2 VMware Remote Console ▾ Devices ▾

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James Worthington 24006 KAIZEN EVENT ←

Order Select

Position To M

Sort by

**Work Ctr** **Job On** **Job Off** **Set Up On** **Indirect On** ←

**Scrap Only** **Crew On** **Job Off All** **Bckflsh Tbl**

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
<b>Select</b>	<a href="#">MIN2400</a>	INDIRECT-2400 INDIRECT HOURS - DEPT 2400 Indirect workorder only	0060 24006	10/10	1.000	1.000 1.000	.000 .000	<input type="text"/>	<b>RM</b>

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**NOTES:**

**Color code:**

- Green - Currently on Job Run
- Yellow - Currently on Job Setup
- Grey - Currently on Job Indirect ←
- Pink - Employees currently on this job
- Gold - Current selected order
- Work Center Red - Previous operation steps for this work center not yet completed
- Work Center Purple - Previous operation steps for other work centers not yet completed

**Links:**

Operation Seq - Press in box for detail descriptions

**LEGEND**

start S... VM2 Search Desktop 9:59 PM



# List of Workcenters for Employee to Select.

## WORKCENTER Display for ALL/Position To Function

**Show Assigned** ←

Position To:  ←

**Indirect**

Select	Work Center	Site	Description	Dept	Foreman	Grp	Active Employees	
							Run	Setup
<b>Select</b>	6000	410	INSPECT & TEST					
<b>Select</b>	7000	410	CUT					
<b>Select</b>	8000	100	FOLDING	200				
<b>Select</b>	8000	200	MANUFACTURING					
<b>Select</b>	8000	300	MANUFACTURING					
<b>Select</b>	8000	555	PACKAGE					
<b>Select</b>	9000	100	INSPECTION	2400			5	
<b>Select</b>	9000	200	INSPECTION					
<b>Select</b>	9000	300	INSPECTION					

Employee selects the workcenter

# List of Workcenters for Employee to Select.

## Workcenter Schedule

VM2 VMware Remote Console

**James Worthington 9000 INSPECTION** ← **Employee**

**Find MO Or Item** → Position To M:  Sort by: 

- Mfg Due Date
- Mfg Due Date
- Start Date
- Order
- Item

**Schedule Selection** →

**Column Headings** →

**Quantity Tracking Workorder/Operation/Scrap**

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
Select	M005000	1205 DRIVE, 10X MAX CD <i>One piece scrapped for Set-up</i>	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005000	1206	1000 9000	40/10	330.000	330.000 330.000	.000 .000		RM

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# List of Workcenters for Employee to Select.

## Workcenter Schedule

VM2 VMware Remote Console

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Position To M

Sort by 

- Mfg Due Date
- Start Date
- Order
- Item

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**ACTION BUTTONS**

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtty	RM
<a href="#">Select</a>	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
<a href="#">Select</a>	M005000	1205 DRIVE, 10X MAX CD <i>One piece scrapped for Set-up</i>	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
<a href="#">Select</a>	M004910	1201 MOTHERBOARD, 200 MHZ <i>5/22/2012- to stock by 5/26</i>	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
<a href="#">Select</a>	M004910	1201 MOTHERBOARD, 200 MHZ <i>5/22/2012- to stock by 5/26</i>	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
<a href="#">Select</a>	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
<a href="#">Select</a>	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
<a href="#">Select</a>	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
<a href="#">Select</a>	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
<a href="#">Select</a>	M005000	1206	1000	40/10	330.000	330.000	.000		RM

**Real Time Notes/updates**

**Color Coded – Visual Status**

**Front office updates- Shop Floor**

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# List of Workcenters for Employee to Select.

## Workcenter Schedule – Hyperlinks and Drill Down

VM2 VMware Remote Console ▾ Devices ▾

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**James Worthington 9000 INSPECTION** Order Select

Position To M

Sort by Mfg Due Date ▾

- Mfg Due Date
- Start Date
- Order
- Item

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtly	RM
<a href="#">Select</a>	<a href="#">M004880</a>	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M005000</a>	1205 DRIVE 10X MAX CD On	1800 000	40/10	783.000	782.000	.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M004910</a>	1201 MC 5/2	000 000				17.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M004910</a>	1201 MC 5/2/2012 to stock by 5/20	800 000				17.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M004940</a>	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M004940</a>	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M004970</a>	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M004970</a>	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000	<input type="text"/>	<a href="#">RM</a>
<a href="#">Select</a>	<a href="#">M005020</a>	1206	1000	40/10	330.000	330.000	.000	<input type="text"/>	<a href="#">RM</a>

Hyperlink  
To Video or  
Drawing upon  
JOB ON

Drill Down  
To Workorder  
Detail

Drill Down  
To Operation  
Detail

Hyperlinks  
can be tailored  
to launch

- Drawings
- Work Instructions
- Video
- QA Database

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# List of Workcenters for Employee to Select. Colors for Visual Factory/Planning

Colors used for  
Visual Operational  
Status

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Position To M   
Sort by Mfg Due Date ▾

Work Ctr Job On Job Off Set Up On Indirect On  
Scrap Only Crew On Job Off All Bckflsh Tbl

**Crew Job On processed for M004910**

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
Select	M005000	1205 DRIVE, 10X MAX CD <i>One piece scrapped for Set-up</i>	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005020	1206	1000	40/10	330.000	330.000	.000		RM

- Setup Labor
- Run Labor
- Crew Labor
- Workorder Selection

# List of Workcenters for Employee to Select. Visual Warning/ Priority Setting

VM2 VMware Remote Console Devices

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Order Select

Position To M

Sort by Mfg Due Date

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Priority updated for M004910 1000

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtly	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000			783.000	.000	1A	RM
Select	M005000	1205 DRIVE, 10X MAX CD One piece scrapped for Set-up	1800 9000	40/30	783.000	782.000	.000	2B	RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	10 90			17.000	.000	3C	RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000			17.000	.000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000	.000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000	.000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	405.000	405.000	.000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	405.000	405.000	.000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	330.000	330.000	.000		RM

Priority Setting

Mandatory Work  
Setting Optional

Security Access

Visual Warning  
Not to Clock on.

Previous Operation  
to be completed  
For same W/C

4 character  
Alpha Numeric

start

Search Desktop

6:35 PM

# List of Workcenters for Employee to Select.

## Workorder JOB ON

VM2 VMware Remote Console ▾ Devices ▾

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Order Select

Position To M

Sort by Mfg Due Date ▾

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Touch Select Activates Line

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtly	RM
Select	<a href="#">M004880</a>	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000	<input type="text"/>	RM
Select	<a href="#">M005000</a>	1205 DRIVE, 10X MAX CD <i>One piece scrapped for Set-up</i>	1800 9000	40/30	783.000	782.000 783.000	.000 .000	<input type="text"/>	RM
Select	<a href="#">M004910</a>	1201 MOTHERBOARD, 200 MHZ <i>5/22/2012- to stock by 5/26</i>	1000 9000	40/30	330.000	283.000 313.000	17.000 .000	<input type="text"/>	RM
Select	<a href="#">M004910</a>	1201 MOTHERBOARD, 200 MHZ <i>5/22/2012- to stock by 5/26</i>	1800 9000	40/30	330.000	283.000 313.000	17.000 .000	<input type="text"/>	RM
Select	<a href="#">M004940</a>	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000	<input type="text"/>	RM
Select	<a href="#">M004940</a>	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000	<input type="text"/>	RM
Select	<a href="#">M004970</a>	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000	<input type="text"/>	RM
Select	<a href="#">M004970</a>	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000	<input type="text"/>	RM
Select	<a href="#">M005000</a>	1206	1000	40/10	330.000	330.000	.000	<input type="text"/>	RM

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# List of Workcenters for Employee to Select.

## Workorder JOB ON

VM2 VMware Remote Console ▾ Devices ▾

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Order Select

Position To M

Sort by Mfg Due Date ▾

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Workorder Detail

Workorder Line Turns Green  
Labor is being Collected.

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
Select	M00500								RM
Select	M00491	5/22/2012- to stock by 5/26	9000			313.000	.000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005020	1206	1000	40/10	330.000	330.000	.000		RM

start V. Search Desktop 7:18 PM

Detail workorder information screen, Header, Drawing link , Routing, Labor Transactions ,Receipts to stock , BOM, Item Availability, and Color Coded Comments.

VM2 VMware Remote Console ▾ Devices ▾

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Jump to:  
Please select ▾  
Please select  
Efficiencies  
Bill Of Material  
Comments  
Documents

Navigation

James Worthington 9000 INSPECTION

Order Number: **M004880**  
Item: **1200 MOTHERBOARD, 166 MHZ**

Workorder Header Information Section

Hyperlinks

General Order Information				Quantities		Dates	
Eng Drawing	Reference	Open	783.000	Start(Scheduled)	05/20/98		
Warehouse <b>1</b>	Location <b>01012</b>	On Order	783.000	Start (Actual)	03/29/12		
Work Center <b>9000</b>	Shop Packet <b>Yes</b>	Deviation	.000	Due	05/22/98		
Curr. Job No.	Planner <b>100</b>	Received	.000	Last Activity	05/19/11		
Status <b>40</b>	MWO Short <b>YES</b>	Scrap	.000	Last Scheduled	05/18/11		
	Matl Short <b>No</b>			Completed	05/22/98		

Routing Detail

Order M004880 Routing Information

Oper Seq / Description +/-	Sts	Schd Start	Act Start	Wrk Ctr	Dept	Qty Cmpl	Qty Scrap	T B C	Standard (TBC)			Efficiency Std/Act						Ttl Eff
									Labor		Machine	Labor		Machine		Eff	Ttl	
									Setup	Run	Run	Setup	Run	Run				
<a href="#">1000 Inspect Components</a> ** lot abcde	40	05/22/98	05/13/11	9000		783		3	1.00	1.50	.00	1.00	1.17	.00	.00	.00		
<a href="#">1200 Chip Insertion</a>	40	05/22/98	06/02/11	8000	200	783		2	.00	2.00	.00	.00	15.66	.00	.00	.00		
<a href="#">1400 Assembly</a>	40	05/22/98	06/02/11	3000	200	783		2	.00	2.00	.00	.00	15.66	.00	.00	.00		
<a href="#">1800 Final Inspection</a> ** Type in Information which you want ** to store in MO Histor, i.e. Lot #; ** cure date;exp date	30	05/22/98	03/29/12	9000				P	.00	25.00	.00	.00	.00	.00	.00	.00		

Permanent Notes Posted To MO History

Order M004880 Labor Transactions

TC	Date	On Time	Off Time	Op Seq	Wrk Ctr	R C	Labor	Machine	Qty Cmpl	Scrap	Employee Name	Sft	C	Source
OF	03/29/12		16:13:32	1800	3000	R					James Worthington	1	0	SFORDR

Detail Labor Transactions

SCROLL DOWN

## Routing and Labor Transactions (Continued)

Pieces completed at operation

## Order M236630 Routing Information

Oper Seq / Description	Sts	Schd Start	Act Start	Wrk Ctr	Dept	Qty Cmplt	Qty Scrap	T B C	Standard (TBC)			Efficiency Std/Act						
									Labor		Machine	Labor			Machine			Ttl Eff
									Setup	Run	Run	Setup	Run	Eff	Setup	Run	Eff	
0010 PACK	30	03/01/11	03/15/11	HT50	140	3,905		4	.00	496.09	.00	.00	193.72	106.54	.00	.00		106.54
									.00			.00	181.83					

Labor Detail

## Order M236630 Labor Transactions

TC	Date	On Time	Off Time	Op Seq	Wrk Ctr	R C	Labor	Machine	Qty Cmplt	Scrap	Employee Name
OF	08/05/11	10:00:00	12:00:00	0010	HT50	R			100		Franklin Caraballo
OF	04/18/11	7:05:36	7:44:48	0010	HT50	R	.91				Jules Chu
OF	04/18/11	6:54:59	7:44:46	0010	HT50	R	1.08				Rafael Antonio Vasquez
OF	04/18/11	6:55:03	7:44:46	0010	HT50	R	1.08				Ingrid B. Fernandez
OF	04/18/11	6:55:41	6:55:56	0010	HT50	R			815		Jules Chu
OF	04/18/11	6:53:34	6:54:33	0010	HT50	R	.02				Rafael Antonio Vasquez
OF	04/18/11										
OF	03/31/11	9:14:10	16:23:39	0010	HT50	R	6.37				Patricia Duarte Rivera
OF	03/31/11	9:14:10	16:23:39	0010	HT50	R	6.37				Omar Ponce
OF	03/31/11	9:14:10	16:23:39	0010	HT50	R	6.37				Maria E. Pena

Labor Tracking and Efficiency

Run SELECT and EDIT in PMC to PROCESS UPDATED LABOR DETAIL

Show All

Total

181.83

## Order M236630 Receipts to Stock

↓ Scroll Down ↓

## Receipts to stock and Workorder Efficiency ( Continued)

**Order M236630 Receipts to Stock**

TC	Date	Emp	Qty	Loc	Ref	Rsn
RM	04/18/11	Jules Chu	100	B0530		
RM	04/18/11	Jules Chu	815	B0530		
RM	03/31/11	Julian Mirabal	320	B0530		
RM	03/31/11	Julian Mirabal	320	B0530		
RM	03/31/11	Julian Mirabal	320	B0530		
RM	03/31/11	Julian Mirabal	190-	B0530		
RM	03/31/11	Julian Mirabal	320	B0530		
RM	03/31/11	Julian Mirabal	320	B0530		
RM	03/31/11	Julian Mirabal	320-	B0530		
RM	03/28/11	Julian Mirabal	250	B0530		
Show All						
<b>Total</b>			<b>3,905</b>			

Tracking detail  
of all Receipt to  
Stock Transactions  
For the workorder

**Order M236630 Order Efficiencies**

Qty Received	Labor			Machine			Total
	Std	Act	Eff	Std	Act	Eff	
3,905.000	193.72	181.83	106.54				106.54

**Order M236630 Bill of Materials**

Component/Item Description	Whs	Qty Per	Qty Req	Issued	Scrap	F/S
<a href="#">CS0020</a> HT50/HTX50 CLAM	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DNSL</a> SENSORMATIC LABEL	1	1.000	5,805.000	3,905.000	.000	C

Scroll Down



## Workorder BOM and Link to Inventory Status (Continued)

Workorder BOM detail

Order M236630 Bill of Materials

Shortage –Out of Stock

Hyperlink  
to inventory  
status

Component/Item Description	Whs	Qty Per	Qty Req	Issued	Scrap	F/S
<a href="#">CS0020</a> HT50/HTX50 CLAM	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DNSL</a> SENSORMATIC LABEL	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DN2100PL</a> HT50 MAIN FRAME PL	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DN2101PL</a> HT50 OUTSIDE FRONT COVER PL	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DN2102PL</a> HT50 INSIDE FRONT COVER PL	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DN2103FPL</a> HT50 TOP COVER FORMED PL	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DN2104A</a> HT50 MAGAZINE ASSEMBLY	1	1.000	5,805.000	3,905.000	.000	C
<a href="#">DN2107PL</a> HT50 KNIFE LEVER PLO	1	5.000	29,025.000	19,525.000	.000	C
<a href="#">DN2109PL</a> HT50 DRIVER LEVER PLO	1	2.000	11,610.000	7,810.000	.000	C
<a href="#">DN2112HT</a> HT50						
<a href="#">DN2113</a> HT50 UPI						
<a href="#">DN2114</a> HT50 LO						
<a href="#">DN2115</a> HT50 HA						
<a href="#">DN2116PL</a> HT50 E						
<a href="#">DN2118HT</a> HT50						
<a href="#">DN2124</a> HT50 SPI						
<a href="#">DN2125PL</a> HT50 E						
<a href="#">DN2126HT</a> HT50						

John Grindley

Item Detail

Item Number: HT50DS HT50 DISPLAY PAK  
SENSORMATIC

Return

Item	HT50DS	HT50 D-PLAYPAKSENSORMATIC	Site	NJ	Unit of Measure	EA
Additional Descriptions			Revision		Low Level	
			Effective Dates	01/01/40 12/31/30	Inventory	Yes
Item Class	AI02	HT50 SERIES	Drawing Number	AAJKLD12345	Inspect on Receipt	No
Primary Vendor	ARROW	Vendor Name Here	Item Type	1 - Assembly	Batch Lot Control	No
Commodity Code			Value Class	A	QC Control	No
Buyer	12345	Buyer Name	Weight	2.330	Shelf Life Days	

Item HT50DS HT50 DISPLAY PAK SENSORMATIC Warehouses

Whs	Quantities				Location	Planner	Planner Name	Floor Stock
	On Hand	Allocated	On Order					
			Production	Purchase				
1	845.000	.000	4,170.000	.000	B0530	25300	HT50/HT50X ASSEMBLIES	Controlled
1T	1,890.000	.000	.000	.000		25300	HT50/HT50X ASSEMBLIES	Controlled
2	3,370.000	.000	.000	4,800.000	B0540	2	LIBERTY NC	
3	10.000	.000	.000	10.000	B0540	3	LIBERTY WC	
8	2,448.000	.000	.000	.000		8	ARROW CA	Controlled

Scroll Down



VM2 VMware Remote Console Devices

Component/Item Description	Whs	Qty Per	Qty Req	Issued	Scrap	F/S
<a href="#">1105</a> MOUSE	1	.000	.000	315.000	.000	
<a href="#">1105</a> MOUSE	1	1.000	9.000	9.000	.000	
<a href="#">1105</a> MOUSE	1	.000	.000	100.000	.000	
<a href="#">1105</a> MOUSE	1	1.000	498.000	498.000	.000	
<a href="#">1105</a> MOUSE	1	.000	.000	3.000	.000	
<a href="#">1300</a> MEMORY CHIP, 8 MB	1	2.000	1,566.000	.000	.000	
<a href="#">1304</a> MOTHERBOARD, BLANK	1	1.000	783.000	.000	.000	
<a href="#">1305</a> MOTHERBOARD CHIP, 166 MHZ	1	1.000	783.000	.000	.000	

Repository for all documents ,video and pictures linked to workorder

**Order M004880 Documents**

Typ	Oper Seq	Name
J		<a href="#">Job On</a>
R	1800	<a href="#">Job On Run</a>

**Order M004880 Comments**

Comment

Red  
Silver  
Gray  
Black  
Red  
Maroon  
Yellow  
Olive  
Lime  
Green  
Aqua  
Navy  
Fuchsia  
Blue  
Purple

ADD A TEST COMMENT- SELECT THE COLOR

Update

Workorder Comments for real time updates can be applied by multiple groups by Color.

Internet 100%

start V. Search Desktop 8:09 PM

# List of Workcenters for Employee to Select.

## Workorder JOB ON

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH**  
The MAPICS Experts

James Worthington 9000 INSPECTION

Order Select

Position To M

Sort by Mfg Due Date ▾

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Workorder Line Turns Green  
Labor is being Collected.

Workorder Operation Detail- Drill Down

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
Select	M00500								RM
Select	M00491								RM
Select	M004910	MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	9000	40/30	330.000	313.000	.000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005020	1206	1000	40/10	330.000	330.000	.000		RM

start V. Search Desktop 7:18 PM

# List of Workcenters for Employee to Select. Can display by Department assignment

VM2 VMware Remote Console ▾ Devices ▾

James Worthington 9000 INSPECTION

Operation Detail

Jump to:

Please select ▾

Order Number: M004880

Item: 1200 MOTHERBOARD, 166 MHZ

Return

Order M004880 Routing Information

Oper Seq / Description	Sts	Sched Start	Act Start	Wrk Ctr	Dept	Qty Cmplt	Qty Scrap	T B C	Standard (TBC)			Efficiency Std/Act						Totl Eff	
									Labor		Machine	Labor		Machine					
									Setup	Run	Run	Setup	Run	Eff	Setup	Run	Eff		
1800 Final Inspection	30	05/22/98	03/29/12	9000				P	.00	25.00	.00	.00	.00		.00	.00			

Can Add Permanent Notes to the Operation. Stored in MO History

Description

\*\* Type in Information which you want

\*\* to store in MO Histor, i.e. Lot #;

\*\* cure date;exp date

Notes added are

Stored in MO history.

Update

Order M004880 Documents

Typ	Oper Seq	Name
J		Job On
R	1800	Job On Run

Add Document Links of all types Accessed at Operation level

# List of Workcenters for Employee to Select.

## Workorder JOB OFF

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH**  
The MAPICS Experts

James Worthington 9000 INSPECTION

Order Select

Position To M

Sort by Mfg Due Date ▾

**Select Workorder To Job Off**

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40/30	783.000	783.000 783.000	.000 .000		RM
Select	M005000	1205 DRIVE, 10X MAX CD <i>One piece scrapped for Set-up</i>	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005020	1206	1000	40/10	330.000	330.000	.000		RM

start V. Search Desktop 7:18 PM

## JOB OFF Detail Screen – Employee records pieces completed at the Operation ( **Secondary Screen** )

VM2 VMware Remote Console ▾ Devices ▾

**STECH**  
MAPICS Experts

James Worthington 9000 INSPECTION Job Off Run

Cancel

Order	Item Number	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MWO/Oper	Scrap MWO/Oper
M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40 30	783.000	773.000 573.000	10.000 10.000

ADD A TEST COMMENT- SELECT THE COLOR

Enter quantity completed at operation

Good Quantity 100

Scrap Quantity 10

Quantity Scrap processes SM Transaction

Reason PROD Production Scrap

Operation Complete No

Mark operation "Complete" changes status at operation and removes the workorder From the workcenter schedule

Comment displays on Job Off

Submit

Click to Update

Touch Pad

Warning messages will appear if quantity of operation exceeds workorder quantity or if the operation is marked complete when the quantity completed is less than workorder quantity

# List of Workcenters for Employee to Select.

## Workorder Crew ON

VM2 VMware Remote Console Devices

**James Worthington 9000 INSPECTION** Order Selection

Work Ctr Job On Job Off Set Up On Indirect On

Scrap Only Crew On Job Off All Bckflsh Tbl

Position To M

Sort by Mfg Due Date

**Touch Select Activates Line** →

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtly	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ ADD A TEST COMMENT- SELECT THE COLOR	1800 9000	40/30	783.000	773.000 573.000	10.000 10.000		RM
Select	M005000	1205 DRIVE, 10X MAX CD One piece scrapped for Set-up	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005020	1206	1000	40/10	330.000	330.000	.000		RM

start Search Desktop 8:43 PM

# List of Workcenters for Employee to Select.

## Workorder Crew ON

VM2 VMware Remote Console ▾ Devices ▾

**James Worthington 9000 INSPECTION** Crew Select

Cancel

Order	Item Number	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MWO/Oper	Scrap MWO/Oper
M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40 30	783.000	773.000 573.000	10.000 10.000

ADD A TEST COMMENT- SELECT THE COLOR

Click on Job On. Entire Crew is Jobbed on. →

Job On	Crew	# of Emp	Review
Job On	AAA	3	Review
Job On	ABA	1	Review
Job On	ACA	2	Review

← Click on REVIEW. To Edit the Crew

Click on to create A temporary crew

Temporary

ed by Cistech, the Mapics Experts

**Screen Options:**

Locate Crew, Press Job On to Job On all Employees.  
Press Review to temporarily add/remove employees.  
Press Temporary to create a one time crew.

start V. Search Desktop 8:49 PM

# List of Workcenters for Employee to Select. Workorder Crew ON – Temporary Crew

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH**  
The MAPICS Experts

**James Worthington 9000 INSPECTION** Crew Review

Cancel

Order	Item Number	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MWO/Oper	Scrap MWO/Oper
M004880	1200	1800	40	783.000	773.000	10.000
	MOTHERBOARD, 166 MHZ	9000	30		573.000	10.000

ADD A TEST COMMENT- SELECT THE COLOR

Submit

Enter/Scan Badge to Add to Crew  **GO** Employee Search: Name Contains  **GO**

[Remove](#) [Name](#) [Dept](#) [Wkctr](#) [Sft](#) [Multi](#) [Orders](#)

**Scan Badges to add new Crew Members**

**Search for Employee Name thru Employee master to add to Crew**

**Screen Options:**  
ers in Red - employee is currently on the Job / Operation  
ers in Blue - employee is on another job

start V. Search Desktop 9:00 PM

# List of Workcenters for Employee to Select. Workorder Crew ON – Change Existing Crew

VM2 VMware Remote Console Devices

**CISTECH** The MAPICS Experts

**James Worthington 9000 INSPECTION** Crew Review

Cancel

Order	Item Number	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MWO/Oper	Scrap MWO/Oper
M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40 30	783.000	773.000 573.000	10.000 10.000

ADD A TEST COMMENT- SELECT THE COLOR

Submit

Enter/Scan Badge to Add to Crew  GO

Remove	Name	Dept	Wkctr	Sft	Multi	Orders
<b>Remove</b>	James Worthington	ASSY	9000	1	Y	
<b>Remove</b>	JEFF EATON	DP20		1	Y	
<b>Remove</b>	SANDRA MIERS	DP20		1	Y	

Employee Search: Name Contains  GO

**Edit Crew members**

Search for Employee Name thru Employee master to add to Crew

Options:  
ers in Red - employee is currently on the Job / Operation  
ers in Blue - employee is on another job

start Search Desktop 9:07 PM

# Workorder Crew Off-Job Off All Select Workorder – Click on Job Off All

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH** The MAPICS Experts

**James Worthington 9000 INSPECTION** Order Select

Position To M   
Sort by Mfg Due Date ▾

Work Ctr Job On Job Off Set Up On Indirect On  
 Scrap Only Crew On **Job Off All** Bckflsh Tbl

Touch Select Activates Line

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtly	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ ADD A TEST COMMENT- SELECT THE COLOR	1800 9000	40/30	783.000	773.000 573.000	10.000 10.000		RM
Select	M005000	1205 DRIVE, 10X MAX CD One piece scrapped for Set-up	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005030	1206	1000	40/10	330.000	330.000	.000		RM

start Search Desktop 9:16 AM

## JOB OFF "ALL" Detail Screen (CREW OFF)

Employee records pieces completed at the Operation  
All employees Clocked on are listed on the screen.

Cancel

Order	Item Number	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MWO/Oper	Scrap MWO/Oper
M236710	TB-R29 4' MERCHANDISER	0010 AMHT5	40/30	100.000	1.000- 1.000-	.000 .000

Submit

Enter quantity completed at operation

Good Quantity	<input type="text" value="100"/>
Scrap Quantity	<input type="text" value="5"/>
Reason	<input type="text"/>
Operation Complete	Yes - enter good quantity, <input type="button" value="v"/>
Reference	<input type="text"/>

Enter quantity Scrapped at operation, processes SM Transaction

7	8	9
4	5	6
1	2	3
C	0	-

Active Employees			
Oper	Employee Name	Date	Time
0010	Kay Reed	08/20/11	12:53:48
0010	John Grindley	08/20/11	12:53:48
0010	Another Employee	08/20/11	12:53:48

List of Employees crew clocked on the workorder

# Primary Screen to access all information – Activate Backflush Table

VM2 VMware Remote Console Devices

**James Worthington 9000 INSPECTION**

tion To M

Sort by

**Work Ctr** **Job On** **Job Off** **Set Up On** **Indirect On**

**Scrap Only** **Crew On** **Job Off All** **Bckflsh Tbl**

Touch "Backflsh Tbl" Activates Table to Add Components

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Pr
Select	<a href="#">M004880</a>	1200 MOTHERBOARD, 166 MHZ ADD A TEST COMMENT- SELECT THE COLOR	1800 9000	40/30	783.000	773.000 573.000	10.000 10.000	<input type="text"/> RM
Select	<a href="#">M005000</a>	1205 DRIVE, 10X MAX CD One piece scrapped for Set-up	1800 9000	40/30	783.000	782.000 783.000	.000 .000	<input type="text"/> RM
Select	<a href="#">M004910</a>	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000	<input type="text"/> RM
Select	<a href="#">M004910</a>	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000	<input type="text"/> RM
Select	<a href="#">M004940</a>	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000	<input type="text"/> RM
Select	<a href="#">M004940</a>	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000	<input type="text"/> RM
Select	<a href="#">M004970</a>	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000	<input type="text"/> RM
Select	<a href="#">M004970</a>	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000	<input type="text"/> RM
Select	<a href="#">M005030</a>	1206	1000	40/10	330.000	330.000	.000	<input type="text"/> RM

CAPS LOCK: OFF

start M V Search Desktop 9:41 AM

# Add items to Backflush Table – Assign Component Item to a workcenter/ option to add End Item

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH** James Worthington Backflush by Operation Add

Return

Component Item Number	1101	Component Item
Warehouse	1 ▾	
Work Center	9000	Workcenter
End Item	1000 (optional)	
Location	ABCDE1	Location
Seq		

Add

ed by Cistech, the Mapics Experts

Backflush of Component occurs upon quantity completed at the operation for the workcenter in table.

Backflush of Component can occur at multiple workcenters for the same component from different locations

start Search Desktop 10:48 AM

# Workorder Scrap ONLY Transaction

## Select Workorder – Must be Jobbed ON

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH** The MAPICS Experts

**James Worthington 9000 INSPECTION** Order Select

Position To M

Sort by Mfg Due Date ▾

Work Ctr Job On Job Off Set Up On Indirect On  
 Scrap Only Crew On Job Off All Bckflsh Tbl

Touch Select Activates Line →

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prt	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ ADD A TEST COMMENT- SELECT THE COLOR	1800 9000	40/30	783.000	773.000 573.000	10.000 10.000		RM
Select	M005000	1205 DRIVE, 10X MAX CD One piece scrapped for Set-up	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005030	1206	1000	40/10	330.000	330.000	.000		RM

start Search Desktop 9:16 AM

# Workorder Scrap ONLY Transaction

## Select Workorder – Must be Jobbed ON – SM Transaction

VM2 VMware Remote Console Devices

**CISTECH** The MAPICS Experts

**James Worthington 9000 INSPECTION** Scrap Only

Cancel

Order	Item Number	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MWO/Oper	Scrap MWO/Oper
M004880	1200 MOTHERBOARD, 166 MHZ	1800 9000	40 30	783.000	573.000 473.000	10.000 10.000

ADD A TEST COMMENT- SELECT THE COLOR

Input Qty To scrap →

Select from Scrap Reason Codes →

Scrap Quantity: 10

Reason: SETUP Setup Scrap

Reference: MTHL Material Handling Scrap  
PROD Production Scrap  
SETUP Setup Scrap

7 8 9  
4 5 6  
1 2 3  
C 0 -

Submit

by Cistech, the Mapics Experts

Search Desktop

vmware vmware

# Primary Screen to access all information - Receipt to Stock Transaction

VM2 VMware Remote Console

Devices

STECH

James Worthington 9000 INSPECTION

Order Selection

tion To M

Sort by Mfg Due Date

Work Ctr

Job On

Job Off

Set Up On

Indirect On

Scrap Only

Crew On

Job Off All

Bckflsh Tbl

Select	Order	Item Number (Click to Print Labor Tickets)	Oper Seq	Sts Ord/Op	Order Qty	Opn Qty MO/Oper	Scrap MO/Oper	Prtly	RM
Select	M004880	1200 MOTHERBOARD, 166 MHZ ADD A TEST COMMENT- SELECT THE COLOR	1800 9000	40/30	783.000	773.000 573.000	10.000 10.000		RM
Select	M005000	1205 DRIVE, 10X MAX CD One piece scrapped for Set-up	1800 9000	40/30	783.000	782.000 783.000	.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1000 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004910	1201 MOTHERBOARD, 200 MHZ 5/22/2012- to stock by 5/26	1800 9000	40/30	330.000	283.000 313.000	17.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1000 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004940	1202 MOTHERBOARD, 266 MHZ	1800 9000	40/10	332.000	332.000 332.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1000 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M004970	1203 MOTHERBOARD, 300 MHZ	1800 9000	40/10	405.000	405.000 405.000	.000 .000		RM
Select	M005030	1206	1000	40/10	330.000	330.000	.000		RM

Touch "RM" Activates Next Screen

start

M

V.

Search Desktop

CAPS LOCK: OFF

9:41 AM

# Workorder RM Transaction – Duel JOB OFF

VM2 VMware Remote Console ▾ Devices ▾

**CISTECH** The MAPICS Experts

**James Worthington 9000 INSPECTION**

RM Mfg Receipt

**Cancel**

Order	Item Number	Sts	Due Date	Order Qty	Qty Received	Qty Scrapped	Planner	Stk Loc
M004880	1200	6 MHZ	40 05/22/98	783.000	.000	10.000	100	01012

Enter quantity completed at operation

Change Location

Enter Lot#

Quantity: 100

Location: 01012

Batch Lot:

Complete: Partial

Job Off Auto: All Employees(3)

Reference:

Close M.O. if marked complete

Submit

Can JOB OFF All employees at operation Simultaneously

Tr Cd	Order	Item Number	Date	Time	Qty	Loc	Emp Name
-------	-------	-------------	------	------	-----	-----	----------

Oper	Employee Name	Date	Time
1800	James Worthington	05/20/11	9:42:22
1800	JEFF EATON	05/20/11	9:42:22
1800	SANDRA MIERS	05/20/11	9:42:22

List of Employees clocked on the workorder

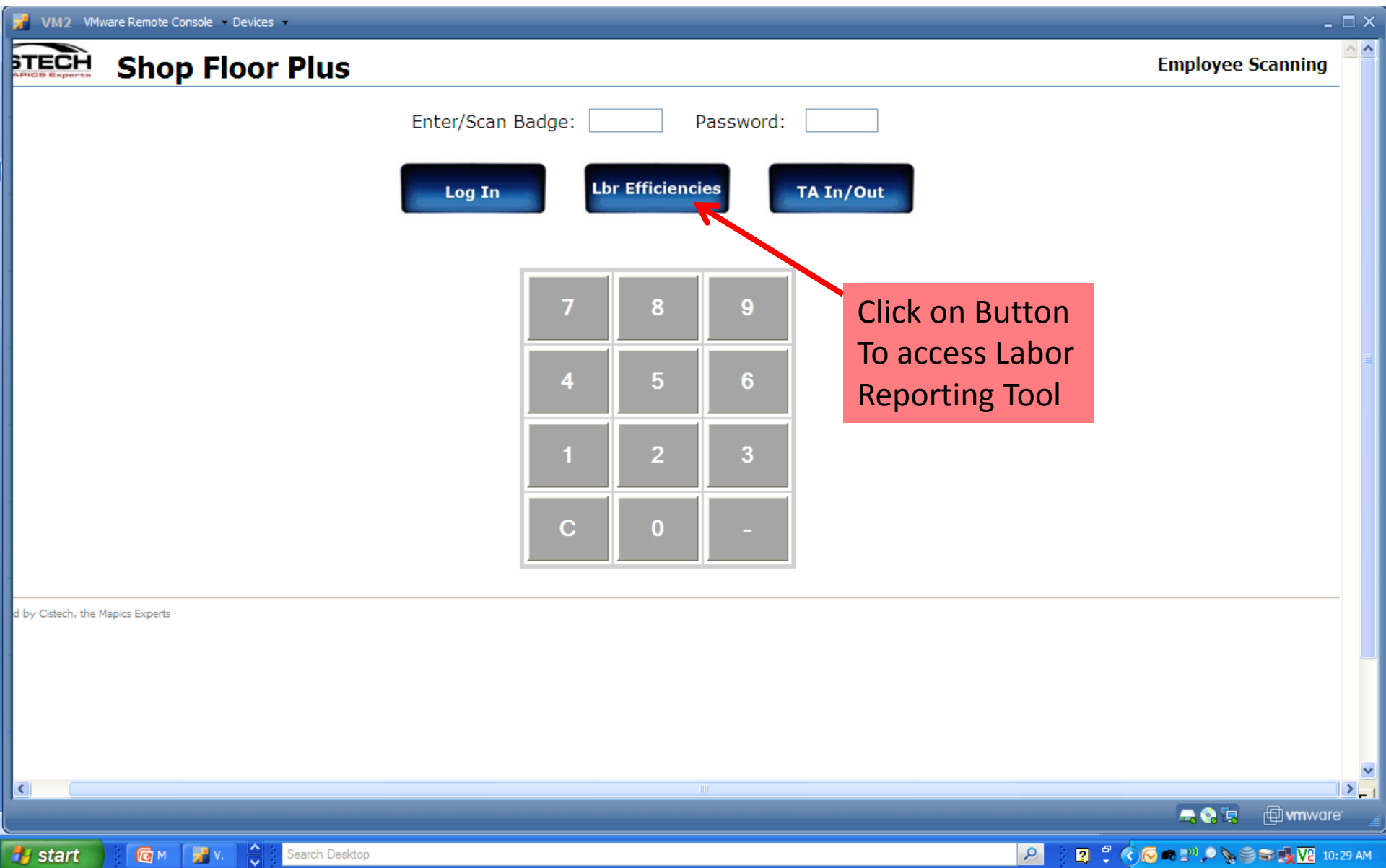
CAPS LOCK: OFF

Search Desktop

Exit

vmware

# Shop Floor Plus –LABOR TRACKING TOOL




## LABOR EFFICIENCIES

Enter Date Range:

From

To

02/03/2012



x « Feb » « 2012 »						
Su	Mo	Tu	We	Th	Fr	Sa
				01	02	03
				04		
05	06	07	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29			

Optional:

Planner from: 20030 STAPLE BLT 1,2,2A,4,5,6,7,8,24

Planner to: 20060 STAPLE BLT 3

Submit

Shop Floor

press to return to Employee Scanning

Selection Screen – User Inputs the Date Range and a Summary Of the Actual Hours and Efficiencies are displayed.

Selection Screen – Selections Customized By Planner, Workcenter, Department

# Shop Floor Plus –LABOR TRACKING TOOL

File Edit View Favorites Tools Help

Back Forward Stop Refresh

Address <http://inet/cgi-bin/Intranet/iWeb/Programs/Effic/XEffSel/Report> Go

## Labor Efficiencies

View: Department

Company (From): To:

Date: 010110 To: 011510

Major BU:

Minor BU:

Department #: To:

Work Center:

Work Order:

Operation: To:

Shift: To:

Employee #:

Item Number:

Setup/Run/Indirect: All

Items with standards only? All

Display

# Shop Floor Plus –LABOR TRACKING TOOL

## Planner Labor Efficiencies for 01/01/2011 through 07/31/2011

Return

### All Planners

Summary of  
The Hours based  
On Date Range

Name	Qty Received	Labor			Machine			Total Eff
		Std	Act	Eff	Std	Act	Eff	
ASSEMBLIES	26,215	153.60	153.64	99.97				99.97
STAPLES	22,160	134.33	134.36	99.98				99.98
STAPLE BLT 11,12,19	377,900	2,018.40	1,967.62	102.57				102.57
STAPLE BLT 1A,9,10,16,17,3	626,204	3,786.03	3,742.70	101.16				101.16
20030 STAPLE BLT 1,2,2A,4,5,6,7,8,24	1,27			101.81				101.81
20040 STAPLE BLT 14,15,20,21,22,23	62			101.30				101.30
20050 STAPLE BLT 13,18	15,528	1,100.12	1,104.10	103.08				103.08
20060 STAPLE BLT 3	54,900	283.27	283.30	99.99				99.99
20100 STAPLE BLT 31, 38	140,484	748.77	748.79	100.00				100.00
20110 STAPLE BLT 33	78,400	481.32	481.39	99.99				99.99
20120 STAPLE BLT 34	44,400	348.09	348.09	100.00				100.00
20130 STAPLE BLT 35,36	155,321	926.19	926.20	100.00				100.00
20140 STAPLE BLT 39	21,563	309.27	309.30	99.99				99.99
20150 STAPLE TABLE 40	27,500	180.59	180.59	100.00				100.00

### Labor Results

Drill Down  
To Detail

John Grindley

Order Labor Efficiencies

### Order Labor Efficiencies for Planner 20060 STAPLE BLT 3 01/01/2011 through 07/31/2011

Return

Order	Item	Whs	Qty Received	Labor			Machine			Total Eff
				Std	Act	Eff	Std	Act	Eff	
M234170	50CT12SP T50 CT STAPLES 12 SP	1	15,768	162.72	81.38	199.95				199.95
M234180	50CT24 T50 CT STAPLES 24-PAK	1	24,672	254.60	127.31	199.98				199.98
M234190	50CT24SP T50 CT STAPLES 24 SP	1	14,460	149.22	74.61	200.00				200.00
TOTALS			54,900	566.54	283.30	199.98				199.98

- Web Based Shop Floor Data Collection System
- Shop Floor Scheduling /Execution System
- Paperless MFG System
- Labor Tracking Tool Based on Input