



Control Software

Why?

1. ADI...Action Driven Interface informs users in real time
 2. Integration...Increases efficiencies
 3. Processes...Streamlines multiple function types
 4. Collaboration...Sharing data among all users
 5. Support...Making you succeed
- Pricing...
 - \$120/mth (single user license)
 - \$80/mth each additional user
 - Setup with 1 day on site training and 16 hours zoom meeting time is \$2895 (plus travel costs if required)
 - Setup and training costs are paid after a one-month free trial period



Control Software

- ▶ MOR is a database system that integrates multiple function types within an organization. The main benefits of using a database system is to streamline processes, increase efficiencies, improve collaboration, and share important data among users.
- ▶ MOR is designed to intergrate all function types and for this reason all user's have access to all of MOR's functionality
- ▶ MOR user's open functionality...
 - ▶ Order Management (Advanced Quoting, Customer Orders, Order Confirmations Packing Slips, Invoices, PO's RFQ's)
 - ▶ Master Planning Schedule (based on your operations and the resources required for them)
 - ▶ Materials Requirement Planning (purchasing requirements based on planning schedule)
 - ▶ Shop-floor Control
 - ▶ Maintains a Chart of Accounts, posts transactions to a General Ledger and provides a Trial Balance (exports data to SQL databases and excel for powerful reporting)
 - ▶ Inventory Control with stock location and Min/Max levels
 - ▶ Make to Order, Make to Stock and Time and Materials type Work Orders
 - ▶ NCR Tracking tied to Master Work Orders for accurate costing
 - ▶ Scheduled Task Management
 - ▶ Tool and Equipment servicing management



Why do businesses need software systems to help them be better at operating?

Because businesses are intricate puzzles.

Now, imagine a system that's primary feature is an artificial intelligence that puts the puzzle together.

Businesses must manage processes that begin and end. Mor's (A)ction (D)riven (I)nterface informs its users in real time of the pieces of the puzzle that require their attention.

To increase efficiencies the ADI integrates multiple function types within an organization, streamlines processes, and improves collaboration by sharing important data among users.

Designed to manage small to medium size manufacturing and process driven companies, MOR has taken the standard requirements of an MRP/ERP system and focused on what its users are required to do.



Click the Login

MOLDED PRECISION COMPONENTS Lo...

User Name: Thomas Woegerer

Password: [Redacted]

☐ Change password

Enter password and click login or hit the enter key

Login Exit



MOR BRINGS THE PIECES OF THE PUZZLE TO THE USER.

THIS SCREENSHOT IS THE MAIN INTERFACE CALLED THE (A)CTION (D)RIVEN (I)NTERFACE. THE ADI INFORMS THE USER OF WHAT CURRENTLY REQUIRES THEIR ATTENTION.

By bringing the information that requires attention to the user in real time, the system dynamically keeps the puzzle together and makes the processes more intuitive to follow. Let's look at a short example of how a user would work through a task...

C:\MCL850\MOR_MPC\00003 Rel# 4 - THOMAS WOEGERER Managing

Title list	Action required	
1 CANCELLED Work Orders with Known COSTS	Review and File it or Add Billing Price	View
37 CUSTOMER ORDER Items are LATE	Review Planning and Re-schedule Resources	View
4 T and M jobs within 3 days of due date	View in planning display	View
22 Customer Order Items BEHIND Schedule	View Resource Loading and Eliminate the Bottleneck	View
49 Active Time and Materials Jobs	Report Activity	View
33 LATE Purchase Order Items	Contact Supplier as to Status of Order	View
2 Engineering Activity requires Attention	Update Engineering Work Done	View
216 Order Items ready for Shipping	Prepare to ship or wait for other Order Items	View
77 COMPLETED Orders ready to be SHIPPED	Prepare for shipping and create a Packing Slip	View
2 Items Ready to be Outsourced	Prepare Outsource Slip and send Items	View
4 Materials REQUIRED to PURCHASE	Create a Quote or Order the Materials	View

Let's walk through a simple example. Click the View button to prepare an outsource slip.

Shop Floor

I Need to...(F6)

Pick Function (F5)

Planning

Create a...(F7)

Reference Lists

BYE!

F1 for Help, F2 General Inquiry, F3 for Names Info, F8 My Action Titles F9 for Customer Service



The ADI notifies the user what requires attention and the user is provided steps to complete their task. This approach makes learning to use the system very simple.

System implementation is simplified by informing users of their required tasks and providing easy steps to complete them.

Outsourcing Items

CLICK AN ITEM TO VIEW AVAILABLE OPTIONS

Items Waiting to be Outsourced

OPERATION	Part's Description	W.O.#--	Qty Reqd	Qty Avail	Planned Start
OUTSOURCED MANUFACTURING	1879-1512-CAVITY WEDGE	10127	2	4	2020/04/30
OUTSOURCED MANUFACTURING	1879-1513-CAVITY WEDGE	10127	2	4	2020/04/30

These are items from an active work order that are ready to be sent to an outsource supplier. Click on one of them...

Cancel

Outsourcing Items

CLICK AN ITEM TO VIEW AVAILABLE OPTIONS

Items Waiting to be Outsourced

As you add information the system connects the dots to help you through your tasks. Click the Yes button to continue...

NORMAL

The prime supplier for this resource is J.B. MACHINE TOOL ; do you want to use this supplier?

Yes

No

OUTSOURCED MANUFACTURING ON THE: 1879-1513-CAVITY WEDGE

Out Quantity: 2.00 Unit Price: 0.00 Planned Return Date: 10/05/2020

Get date

Add Item

Item Description:

MACHINE AS PER DRAWING LEAVING MATERIAL ON FOR HT

Cancel



Documents are automatically opened in your browser and MOR's document control saves a copy of your approved documents on the server.

All documents can be emailed through the Doc Control Interface.

Documents created include...

- RFQ's
- Quotes provided to customers
- Order Confirmations
- Routing Sheets
- Pack slips
- Purchase Orders
- Outsource Slips
- Invoices to Customers

Outslip Order #: 20-1266

Issue date: April 30, 2020

MOLDED PRECISION COMPONENTS

239 Line 4 South

Oro-Medonte, ONTARIO, CANADA

L0L 2L0

Tel #: 705-487-0244

SUPPLIER: J.B. MACHINE TOOL

79 joseph crest.

, ONTARIO, CANADA

Tel #: 705-321-1882

Out Quantity: 2.00

Part description: 1879-1513-CAVITY WEDGE

Work type required: OUTSOURCED MANUFACTURING

Comments of work: MACHINE AS PER DRAWING LEAVING MATERIAL ON FOR HT

Date required by: Sunday, May 10, 2020 Unit Price: not yet determined Extended Price: n/a

Once you start a process such as providing a quotation to a customer or issuing a PO MOR's job is to link the puzzle together and alert users of related steps in each process.

MOR manages your materials required, the operations to manufacture your products, and plans all active work orders based on your defined resources.



Planning for Active Work Orders

Work Order Status: Active (37) WO Type: Comp Type:

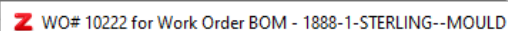
M.O.R. CONTROL (F5) Reports General Inquiry (F6) Work in Process

W.O. #	-- W.O. is for --	-- PO Number--	- PART I.D. and TYPE-	Status	Make Qty	Priority	Date Req'd	Earliest	Earliest	Sch. From	Last Wkd.	%Com
10222	MPC ENGINEERING	1888-1	1888-1-STERLING-MOULD	SEE INQUIR	1	1	2020/05/01	2020/05/08	2020/05/01		2020/05/01	97
20-00033	Tool for 10230	1891-1	1891-1111-ELECTRODES	READY	1	2	2020/04/28	2020/05/05	2020/05/05			
20-00034	Tool for 10230	1891-1	1891-2101-ELECTRODES	READY	1	2	2020/04/28	2020/05/06	2020/05/05		2020/03/06	18
20-00035	Tool for 10230	1891-1	1891-2222-ELECTRODES	READY	1	2	2020/04/28	2020/05/06	2020/05/06			
20-00036	Tool for 10230	1891-1	1891-2311-ELECTRODES	NOT SET	1	2	2020/04/28	2020/05/08	2020/05/06			
10230	MPC ENGINEERING	1891-1	1891-1-STERLING-OBTURATOR-9705-008-005-MOULD	SEE INQUIR	1	2	2020/05/08	2020/05/13	2020/05/01		2020/05/01	58
20-00025	Tool for 10129	1892-1	1892-2101 CORE INSERT-ELECTRODES	READY	1	3	2020/05/01	2020/05/08	2020/05/07		2020/05/01	60
20-00027	Tool for 10129	1892-1	1892-2111-ELECTRODES	READY	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	50
20-00028	Tool for 10129	1892-1	1892-2112-ELECTRODES	READY	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	33
20-00029	Tool for 10129	1892-1	1892-CAVITY ASSEMBLY-ELECTRODES	READY	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	20
20-00052	Tool for 10129	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01		2020/05/01			
10129	MPC ENGINEERING	1892-1	1892-STERLING OBTURATOR HANDLE-MOULD	SEE INQUIR	1	3	2020/05/11	2020/05/18	2020/05/01		2020/04/30	72
20-00048	Tool for 10263	1865-13	1865-2101-13-ELECTRODES	READY	1	4	2020/04/25	2020/05/14	2020/05/08		2020/05/01	34
20-00049	Tool for 10263	1865-13	1865-1101-13-ELECTRODES	NOT SET	1	4	2020/04/25	2020/05/14	2020/05/08			
20-00050	Tool for 10263	1865-13	1865-2221-13-ELECTRODES	READY	1	4	2020/04/25	2020/05/14	2020/05/11			
20-00051	Tool for 10263	1865-13	1865-2231-13-ELECTRODES	NOT SET	1	4	2020/04/25	2020/05/15	2020/05/11			
10263	MPC ENGINEERING	1865-13	1865-13(MOD)-MOULD	SEE INQUIR	1	4	2020/05/05	2020/05/20	2020/05/01	/ /	2020/05/01	49
10256	MPC ENGINEERING	1900-1	1900-1 MULTIMATIC BEARING 13791-003-MOULD	SEE INQUIR	1	0	2020/05/18	2020/05/21	2020/05/01		2020/05/01	25
10228	MPC ENGINEERING	1881-1	1881-CUBE	SEE INQUIR	1	0	2020/05/22	2020/06/01	2020/05/01		2020/04/29	7
10249	MPC PRODUCTION	1878-1	1878-1 MPC PLASTIC STUD-MOULD	SEE INQUIR	1	0	2020/05/29	2020/05/20	2020/05/12		2020/03/25	3
20-00005	Tool for 10122	1879-1	1879-2101-ELECTRODES	READY	1	0	2020/06/16	2020/05/19	2020/05/15			
20-00006	Tool for 10122	1879-1	1879-2102-ELECTRODES	READY	1	0	2020/06/16	2020/05/18	2020/05/15		2020/03/03	50
20-00012	Tool for 10122	1879-1	1879-1101-ELECTRODES	READY	1	0	2020/06/16	2020/05/21	2020/05/18			
20-00013	Tool for 10122	1879-1	1879-1102-ELECTRODES	READY	1	0	2020/06/16	2020/05/22	2020/05/18			
20-00015	Tool for 10122	1879-1	1879-2121-ELECTRODES	READY	1	0	2020/06/16	2020/05/25	2020/05/18			
20-00016	Tool for 10122	1879-1	1879-2201-ELECTRODES	READY	1	0	2020/06/16	2020/05/27	2020/05/19			
20-00022	Tool for 10122	1879-1	1879-1341-ELECTRODES	NOT SET	1	0	2020/06/16	2020/05/28	2020/05/19			
10122-NC1	NCR for 10122	1879-1	NCR to REPLACE 1879-2002-CORE PLATE Orig WO# 10122	READY	1	0	2020/06/16	2020/05/22	2020/05/19			
10122-NC2	NCR for 10122	1879-1	NCR to REPLACE WB67 1879-2901-WIRE BLOCK Orig WO#	READY	1	0	2020/06/16	2020/05/13	2020/05/13			
10122	MPC ENGINEERING	1879-1	1879-EDSCHA-F_R HOUSING HALF-MOULD	SEE INQUIR	1	0	2020/06/26	2020/09/08	2020/05/01		2020/04/30	46

Next 30 List Only By... Load planning New Schedule

This planning display allows you to manage your current planned work orders. Here you can easily get information regarding dates required and estimated finish dates.

In this display, you can also manage most aspects of your work orders including, dates required, priorities and use it to get an overview of how all your work orders are doing.



The Bill of Manufacture (or BOM) defines what materials and operations make up each part. The example here shows at the top that you are making the 1888-1-STERLING-MOULD and below is a list of what the mould is made up of. We can easily see what each item is made up by selecting the button to the left of the item.

The Bill of Manufacture (or BOM) defines what materials and operations make up each part. The example here shows at the top that you are making the 1888-1-STERLING-MOULD and below is a list of what the mould is made up of. We can easily see what each item is made up by selecting the button to the left of the item.

WO# 10222 for Work Order BOM - 1888-1-STERLING--MOULD

B.O.M. for:1888-2101-CORE INSERT

Qty Req'd:1

Qty Completed:

ENGINEERING REV. #:

Effective Date:

View Files

Add Engineering

Go Back 1 (F6)

ALL PARTS (Default)

--- B O M ---

----- Quantities -----

Options	%	--- Parts/Materials ---	Quantity	Est \$	Actual \$	TotReqd	InStock	On Ord		----- Costs -----
Raw Material	100	H-13-2.5000Inch(DIA)	2.0000	8.90	8.89	2.00	48.00	0.00	INCHES	Engineering:0.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Parts/Mat:8.90
			0.0000	0.00	0.00	0.00	0.00	0.00		Setup Costs:900.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Labour:1.080.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Machines:1.320.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Outsourcing:0.00
			0.0000	0.00	0.00	0.00	0.00	0.00		TOTAL:3.308.90
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
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			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.0000	0.00	0.00	0.00	0.00	0.00		
			0.00							

The item selected, '1888-2101-CORE INSERT' is now at the top and it shows it is made of a piece of raw material and the lower portion of the BOM shows the operations and how far along the manufacturing processes for this item are. Each operation is connected to the resources that are required for the operation.



WO# 10222 for Work Order BOM - 1888-1-STERLING--MOULD

B.O.M. for: 1888-2101-CORE INSERT

View FilesAdd EngineeringGo Back 1 (F6)

Qty Req'd: 1

Qty Completed:

ENGINEERING REV. #:

Effective Date:

ALL PARTS (Default)

Options

%

Parts/Materials

Quantity

Est \$

Actual \$

TotReqd

InStock

On Ord

Costs

Raw Material	100	H-13-2.5000Inch(DIA)	2.0000	8.90	8.89	2.00	48.00	0.00	INCHES	Engineering:	0.00
			0.0000	0.00	0.00	0.00	0.00	0.00			0.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Parts/Mat:	8.90
			0.0000	0.00	0.00	0.00	0.00	0.00			8.89
			0.0000	0.00	0.00	0.00	0.00	0.00		Setup Costs:	900.00
			0.0000	0.00	0.00	0.00	0.00	0.00			855.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Labour:	1,080.00
			0.0000	0.00	0.00	0.00	0.00	0.00			1,425.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Machines:	1,320.00
			0.0000	0.00	0.00	0.00	0.00	0.00			1,410.00
			0.0000	0.00	0.00	0.00	0.00	0.00		Outsourcing:	0.00
			0.0000	0.00	0.00	0.00	0.00	0.00			13.43
			0.0000	0.00	0.00	0.00	0.00	0.00		TOTAL:	3,308.90
			0.0000	0.00	0.00	0.00	0.00	0.00			3,712.32
			0.0000	0.00	0.00	0.00	0.00	0.00			
			0.0000	0.00	0.00	0.00	0.00	0.00			

Add Item (F2)

Planned Operations

Seq #	Operation Name	%	Fin qty	Est Time	Actual	Est \$	Actual \$	Freqy	Start	Finish	Description
1	CNC TURNING	100.00	2	8.00 Hrs	3.63 Hrs	480.00	217.50	Per Unit			MACHINE BLANK LEAVING MATERIAL ON FOR HT MACHINE 2 PCS OF E
2	MANUAL MILL/GRIND	100.00	2	2.00 Hrs	3.00 Hrs	120.00	180.00	Per Unit			ADD WIRE START HOLES FOR CTR AND EJECTOR PINS ADD FLAT
3	CNC SETUP AND PROGRAM	100.00	N/A	3.00 Hrs	6.00 Hrs	180.00	360.00	Setup Opn			PROGRAM AND SET-UP
4	CNC MILLING	100.00	1	2.00 Hrs	3.00 Hrs	120.00	180.00	Per Unit			ROUGH OUT TOP OF INSERT LEAVING MATERIAL ON FOR HT
5	HEAT TREAT	100.00	1	5.00 Days	n/a	0.00	13.43	Per Unit			HEAT TREATMENT H-13 48-52 HRC
6	MANUAL MILL/GRIND	100.00	1	5.00 Hrs	8.25 Hrs	300.00	495.00	Per Unit			FINISH GRIND OD AND SHOULDERS TO DRAWING SIZE
7	WIRE EDM SETUP/PROG	100.00	N/A	4.00 Hrs	3.25 Hrs	240.00	195.00	Setup Opn			PROGRAM AND SET-UP
8	WIRE CUTTING	100.00	1	8.00 Hrs	7.25 Hrs	480.00	435.00	Per Unit			WIRE CUT EJECTOR PIN HOLES AND CTR SQUARE TAPER
9	SINK EDM SETUP-NO PARTS	100.00	N/A	8.00 Hrs	5.00 Hrs	480.00	300.00	Setup Opn			PROGRAM AND SET-UP
10	SINK EDM MACHINING	100.00	1	12.00 Hrs	13.25 Hrs	720.00	795.00	Per Unit			EDM PART FEATURES AND SEAL OFF AREAS
11	FINAL INSPECTION	100.00	1	3.00 Hrs	1.50 Hrs	180.00	135.00	Per Unit			CMM INSPECTION

Add Operation (F3)

OK

Create Routing Sheet

Planned Loading

For example, if the operation 'Manual Mill/Grind' is connected to the resource of 'Machinist' and you have entered that you have 2 machinists available for 8 hours a day each, then the system can plan for 16 hours of operation Manual/Mill Grind each day that you are working.

The employees that are known to be machinists to the system, updates these items as they become ready to be worked on. The system's job is to keep track of all these steps and makes it available for the right users.



Planning for Active Work Orders

Work Order Status: Active [37] WO Type: Comp Type:

M.O.R. CONTROL (F5) Reports General Inquiry (F6) Work in Process

Schedule Backwards From

W.O. #	W.O. is for --	PO Number--	- PART I.D. and TYPE-	Status	Make Qty	Priority	Date Reqd	Earliest	Earliest	Sch. From	Last Wkd.	%Com
10222	STERLING	1888-1	1888-1-STERLING--MOULD	SEE INQUIR	1	1	2020/05/01	2020/05/08	2020/05/01		2020/05/01	97
20-00033		1891-1	1891-1111-ELECTRODES	READY	1	2	2020/04/28	2020/05/05	2020/05/05			
20-00034	Tool for 10230	1891-1	1891-2101-ELECTRODES	READY	1	2	2020/04/28	2020/05/06	2020/05/05		2020/03/06	18
20-00035	Tool for 10230	1891-1	1891-2222-ELECTRODES	READY	1	2	2020/04/28	2020/05/06	2020/05/06			
20-00036	Tool for 10230	1891-1	1891-2311-ELECTRODES	NOT SET	1	2	2020/04/28	2020/05/08	2020/05/06			
10230	MPC ENGINEERING	1891-1	1891-2311-ELECTRODES	NOT SET	1	2	2020/04/28	2020/05/08	2020/05/06		2020/05/01	58
20-00025	Tool for 10129	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	60
20-00027	Tool for 10129	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	50
20-00028	Tool for 10129	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	33
20-00029	Tool for 10129	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	20
20-00052	Tool for 10129	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	20
10129	MPC ENGINEERING	1892-1	1892-2121-ELECTRODES	NOT SET	1	3	2020/05/01	2020/05/11	2020/05/07		2020/05/01	20
20-00048	Tool for 10263	1865-13	1865-2101-13-ELECTRODES	READY	1	4	2020/04/25	2020/05/14	2020/05/08		2020/04/30	72
20-00049	Tool for 10263	1865-13	1865-1101-13-ELECTRODES	NOT SET	1	4	2020/04/25	2020/05/14	2020/05/08		2020/05/01	34
20-00050	Tool for 10263	1865-13	1865-2221-13-ELECTRODES	READY	1	4	2020/04/25	2020/05/14	2020/05/11			
20-00051	Tool for 10263	1865-13	1865-2231-13-ELECTRODES	NOT SET	1	4	2020/04/25	2020/05/15	2020/05/11			
10263	MPC ENGINEERING	1865-13	1865-13(MOD)-MOULD	SEE INQUIR	1	4	2020/05/05	2020/05/20	2020/05/01	/ /	2020/05/01	49
10256	MPC ENGINEERING	1900-1	1900-1 MULTIMATIC BEARING 13791-003-MOULD	SEE INQUIR	1	0	2020/05/18	2020/05/21	2020/05/01		2020/05/01	25
10228	MPC ENGINEERING	1881-1	1881-CUBE	SEE INQUIR	1	0	2020/05/22	2020/06/01	2020/05/01		2020/04/29	7
10249	MPC PRODUCTION	1878-1	1878-1 MPC PLASTIC STUD-MOULD	SEE INQUIR	1	0	2020/05/29	2020/05/20	2020/05/12		2020/03/25	3
20-00005	Tool for 10122	1879-1	1879-2101-ELECTRODES	READY	1	0	2020/06/16	2020/05/19	2020/05/15			
20-00006	Tool for 10122	1879-1	1879-2102-ELECTRODES	READY	1	0	2020/06/16	2020/05/18	2020/05/15		2020/03/03	50
20-00012	Tool for 10122	1879-1	1879-1101-ELECTRODES	READY	1	0	2020/06/16	2020/05/21	2020/05/18			
20-00013	Tool for 10122	1879-1	1879-1102-ELECTRODES	READY	1	0	2020/06/16	2020/05/22	2020/05/18			
20-00015	Tool for 10122	1879-1	1879-2121-ELECTRODES	READY	1	0	2020/06/16	2020/05/25	2020/05/18			
20-00016	Tool for 10122	1879-1	1879-2201-ELECTRODES	READY	1	0	2020/06/16	2020/05/27	2020/05/19			
20-00022	Tool for 10122	1879-1	1879-1341-ELECTRODES	NOT SET	1	0	2020/06/16	2020/05/28	2020/05/19			
10122-NC1	NCR for 10122	1879-1	NCR to REPLACE 1879-2002-CORE PLATE Orig WO# 10122	READY	1	0	2020/06/16	2020/05/22	2020/05/19			
10122-NC2	NCR for 10122	1879-1	NCR to REPLACE WB67 1879-2901-WIRE BLOCK Orig WO#	READY	1	0	2020/06/16	2020/05/13	2020/05/13			
10122	MPC ENGINEERING	1879-1	1879-EDSCHA-F_R HOUSING HALF-MOULD	SEE INQUIR	1	0	2020/06/26	2020/09/08	2020/05/01		2020/04/30	46

Next 30 List Only By... Load planning New Schedule

Let's take a look into the planning and how user's will work with the system.

The system provides ways for the user to work with all the pieces of the puzzle.

Feedback from users can easily be made into features that help you manage better. Often a change that can help can be implemented with no updates required. Changes to the source code and objects can occur easily as the data base itself resides in the 'Cloud'.



Z PARTs with routings on Work Order 10222

Type	Item	Qty Reqd	% com	Routing Doc	Key	TO_DO.Key
Cutting Block	WB70 1888-2161/2162-WIRE BLOCK	1	100	20-00537	(MPC-2289)	MPC-441-364
Cutting Block	WB70 1888-2161/2162-WIRE BLOCK	1	100	20-00536	(MPC-2289)	MPC-441-353
Manufactured	1888-AUTOMATION INSERT ASSEMBLY	5		20-00540	(MPC-2270)	MPC-441-328
Manufactured	1888-CORE HALF	1	?	20-00539	(MPC-2075)	MPC-441-25
Manufactured	1888-CAVITY HALF	1	?	20-00538	(MPC-2076)	MPC-441-26
Manufactured	1888-1-STERLING-MOULD	1		20-00541	(MPC-2065)	MPC-441-262
Manufactured	1888-1-STERLING-MOULD	1	97	Needs Routing Sheet	(MPC-2065)	MPC-441-99999
Manufactured	1888-1001-CAVITY PLATE	1	100	20-00542	(MPC-2077)	MPC-441-19
Manufactured	1888-1011-CAVITY CLAMP PLATE	1	100	20-00543	(MPC-2079)	MPC-441-21
Manufactured	1888-1021-MANIFOLD PLATE	1	100	20-00544	(MPC-2078)	MPC-441-20
Manufactured	1888-1031-CAVITY INSULATOR SHEET	1	100	20-00545	(MPC-2080)	MPC-441-22
Manufactured	1888-1071-CAVITY PIN RETAINER	1	100	20-00546	(MPC-2171)	MPC-441-88
Manufactured	1888-1101-CAVITY INSERT	1	100	20-00547	(MPC-2167)	MPC-441-84
Manufactured	1888-1102-CAVITY INSERT	1	100	20-00548	(MPC-2168)	MPC-441-85
Manufactured	1888-1201-HEEL BLOCK	1	100	20-00549	(MPC-2172)	MPC-441-89
Manufactured	1888-1202-HEEL BLOCK	1	100	20-00550	(MPC-2173)	MPC-441-90
Manufactured	1888-1202-HEEL BLOCK	1	100	20-00636	(MPC-2173)	MPC-441-90
Manufactured	1888-1203-HEEL BLOCK	1	100	20-00551	(MPC-2174)	MPC-441-91
Manufactured	1888-1204-HEEL BLOCK	1	100	20-00552	(MPC-2175)	MPC-441-92
Manufactured	1888-1205-HEEL BLOCK	1	100	20-00553	(MPC-2176)	MPC-441-93
Manufactured	1888-1205-HEEL BLOCK	1	100	20-00727	(MPC-2176)	MPC-441-93
Manufactured	1888-1211-HEEL WEAR PLATE	1	100	20-00554	(MPC-2177)	MPC-441-94
Manufactured	1888-1212-HEEL WEAR PLATE	2	100	20-00556	(MPC-2178)	MPC-441-95
Manufactured	1888-1214-HEEL WEAR PLATE	1	100	20-00555	(MPC-2179)	MPC-441-96
Manufactured	1888-1215-HEEL WEAR PLATE	1	100	20-00557	(MPC-2180)	MPC-441-97
Manufactured	1888-1231-HORN PIN	1	100	20-00558	(MPC-2181)	MPC-441-98
Manufactured	1888-1232-HORN PIN	2	100	20-00559	(MPC-2182)	MPC-441-99
Manufactured	1888-1233-HORN PIN	1	100	20-00560	(MPC-2183)	MPC-441-100
Manufactured	1888-1341-CAVITY PIN	1	100	20-00561	(MPC-2169)	MPC-441-86
Manufactured	1888-1342-CAVITY PIN	1	100	20-00562	(MPC-2170)	MPC-441-87
Manufactured	1888-1921-WIRE COVER	7	100	20-00563	(MPC-2185)	MPC-441-120
Manufactured	1888-1931-ELECTRICAL BOX ADAPTER	1	100	20-00564	(MPC-2184)	MPC-441-119
Manufactured	1888-2001-CORE PLATE	1	100	20-00565	(MPC-2066)	MPC-441-9

Work Done

Materials Required

Test

Close



Click the item for available options

As the complete system evolves, features become available to help users manage their work. Here's a list of the item's that you will be working on for this work order.

When you click on one, options will appear at the bottom of the display. Relevant information is easily accessible and questions related to all your work is just a click away.



Having a tool that captures everything that is going on with your work is one of the most important tools you can have.

MOR is designed to dynamically keep the puzzle together. With a little feedback from each user, the system allows you to know everything that is going on in real time.

Z Work Remaining for Work Order #: 10222

Part's Description	OPERATION	Seq#	Make Qty	Finished Qty	% Complete	Finish Date -MM/DD/YYYY	Key
1888-1-STERLING-MOULD	ASSEMBLE	1	1.00	.00	.00	05/07/2020	MPC-441-375
1888-2162-AUTOMATION INSERT	MICRON SETUP/PROGRAM	5	N/A	N/A	.00	05/01/2020	MPC-441-369
1888-2162-AUTOMATION INSERT	CNC MICRON	6	1.00	.00	.00	05/01/2020	MPC-441-370
1888-CORE HALF	ASSEMBLY/OVERLAPPING	1	1.00	.00	65.00	05/04/2020	MPC-441-29
1888-CAVITY HALF	ASSEMBLY/OVERLAPPING	1	1.00	.00	70.00	05/01/2020	MPC-441-28
1888-AUTOMATION INSERT ASSEMBLY	MANUAL MILL/GRIND	1	5.00	.00	.00	05/04/2020	MPC-441-371
1888-AUTOMATION INSERT ASSEMBLY	SINK EDM SETUP-NO PA	2	N/A	N/A	.00	05/05/2020	MPC-441-372
1888-AUTOMATION INSERT ASSEMBLY	SINK EDM MACHINING	3	5.00	.00	.00	05/06/2020	MPC-441-373
1888-AUTOMATION INSERT ASSEMBLY	FINAL INSPECTION	4	5.00	.00	.00	05/07/2020	MPC-441-374
1888-2161-AUTOMATION INSERT	CNC MICRON	6	1.00	.00	.00	05/01/2020	MPC-441-363
1888-2113-CORE SUB INSERT	MICRON SETUP/PROGRAM	7	N/A	N/A	.00	05/04/2020	MPC-441-565
1888-2113-CORE SUB INSERT	CNC MICRON	8	1.00	.00	.00	05/04/2020	MPC-441-566
1888-2113-CORE SUB INSERT	FINAL INSPECTION	9	1.00	.00	.00	05/04/2020	MPC-441-352
1888-1-STERLING-MOULD	UNPLANNED WORK	?	N/A	N/A	.00	05/07/2020	MPC-441-1

Answers in real time are just a click away...



View Work Done

View All

Close

Remaining Work is shown.



For this work order, let's take a look at the work in process and see how you can drill down and find answers to all work relating to the order.

Z Planning for Active Work Orders

M.O.R. CONTROL (F5) Reports General Inquiry (F6) **Work in Process**

Work Order Status: Active (38) WO Type: Comp Type:

Schedule Backwards From

W.O. #	-- W.O. is for --	-- PO Number--	- PART I.D. and TYPE-	Status	Make Qty	Priority	Date Req'd	Earliest	Start Dates	Earliest	Sch. From	Last Wkd.	%Com
10222	MPC ENGINEERING	1888-1	1888-1-STERLING--MOULD	SEE INQUIR	1	1	2020/05/01	2020/05/07	2020/05/01		2020/05/01	97	
10230	MPC ENGINEERING	1891-1	1891-1 STERLING-OBTURATOR-9705-008-005-MOULD	SEE INQUIR	1	2	2020/05/08	2020/05/13	2020/05/01		2020/05/01	58	
10129	MPC ENGINEERING	1892-1	1892-STERLING OBTURATOR HANDLE-MOULD	SEE INQUIR	1	3	2020/05/11	2020/05/18	2020/05/01		2020/05/01	72	
10263	MPC ENGINEERING	1865-13	1865-13(MOD)-MOULD	SEE INQUIR	1	4	2020/05/05	2020/05/15	2020/05/01		2020/05/01	49	
10256	MPC ENGINEERING	1900-1	1900-1 MULTIMATIC BEARING 13791-003-MOULD	SEE INQUIR	1	0	2020/05/18	2020/05/20	2020/05/01		2020/05/01	25	
10228	MPC ENGINEERING	1881-1	1881-CUBE	SEE INQUIR	1	0	2020/05/22	2020/06/01	2020/05/01		2020/04/29	7	
10323	WEB GEAR SERVICES	1940	W200444-MASTER GEAR	READY	1	0	2020/05/22	2020/05/13	2020/05/12				
10323-2	WEB GEAR SERVICES	1940	W200544-MASTER GEAR	READY	1	0	2020/05/22	2020/05/13	2020/05/12				
10323-3	WEB GEAR SERVICES	1940	W200566-MASTER GEAR	READY	1	0	2020/05/22	2020/05/14	2020/05/12				
10323-4	WEB GEAR SERVICES	1940	W200568-MASTER GEAR	READY	1	0	2020/05/22	2020/05/14	2020/05/12				
10249	MPC PRODUCTION	1878-1	1878-1 MPC PLASTIC STUD-MOULD	SEE INQUIR	1	0	2020/05/29	2020/05/21	2020/05/12		2020/03/25	3	
10122	MPC ENGINEERING	1879-1	1879-EDSCHA-F_R HOUSING HALF-MOULD	SEE INQUIR	1	0	2020/06/26	2020/09/08	2020/05/01		2020/05/01	46	
10046	MPC ENGINEERING	1875-1	1875-DICHTOMATIK-TPO-11-MOULD	SEE INQUIR	1	0	2020/06/29	2020/07/07	2020/05/29		2020/02/06	86	
10065	MPC PRODUCTION	1486-72	1486-CAVITY INSERT	READY	8	0	2020/06/29	2020/07/07	2020/07/07		2020/01/29	92	
10296	MPC ENGINEERING	1902-1	1902-1-EDSCHA-SPACER-MOULD	SEE INQUIR	1	0	2020/06/30	2020/07/16	2020/05/05				
10270	MPC PRODUCTION	1904-1	1904-1-EDSCHA-DISTANCE SLEEVE-MOULD	SEE INQUIR	1	0	2020/07/30	2020/07/20	2020/05/01		2020/04/24	8	



Work in process or Ready to Start for WO# 10222



14 found

W.O. #	-CUSTOMER-	--PART I.D. and TYPE--	- OPERATION -	Qty.	Est Hrs	DEPARTMENT	Priority	Start Date	%Com	- STATUS -
10222	MPC ENGINEERING	1888-AUTOMATION INSERT ASSEMBLY	MANUAL MILL/GRIND	5	4.00	TOOLROOM	1	2020/05/01		Not ready
10222	MPC ENGINEERING	1888-2162-AUTOMATION INSERT	MICRON SETUP/PRO	1	8.00	MICRON DEPT	1	2020/05/01		Ready to start
10222	MPC ENGINEERING	1888-2161-AUTOMATION INSERT	CNC MICRON	1	1.00	MICRON DEPT	1	2020/05/01		Ready to start
10222	MPC ENGINEERING	1888-CAVITY HALF	ASSEMBLY/OVERLAP	1	16.00	TOOLROOM	1	2020/05/01	70	Ready to start
10222	MPC ENGINEERING	1888-2162-AUTOMATION INSERT	CNC MICRON	1	1.00	MICRON DEPT	1	2020/05/01		Not ready
10222	MPC ENGINEERING	1888-AUTOMATION INSERT ASSEMBLY	SINK EDM SETUP-NO	5	16.00	EDM DEPARTMENT	1	2020/05/04		Not ready
10222	MPC ENGINEERING	1888-CORE HALF	ASSEMBLY/OVERLAP	1	16.00	TOOLROOM	1	2020/05/04	65	Ready to start
10222	MPC ENGINEERING	1888-2113-CORE SUB INSERT	FINAL INSPECTION	1	2.00	INSPECTION	1	2020/05/04		Not ready
10222	MPC ENGINEERING	1888-2113-CORE SUB INSERT	CNC MICRON	1	2.00	MICRON DEPT	1	2020/05/04		Not ready
10222	MPC ENGINEERING	1888-2113-CORE SUB INSERT	MICRON SETUP/PRO	1	2.00	MICRON DEPT	1	2020/05/04		Ready to start
10222	MPC ENGINEERING	1888-AUTOMATION INSERT ASSEMBLY	SINK EDM MACHINING	5	6.00	EDM DEPARTMENT	1	2020/05/05		Not ready
10222	MPC ENGINEERING	1888-AUTOMATION INSERT ASSEMBLY	FINAL INSPECTION	5	2.00	INSPECTION	1	2020/05/06		Not ready
10222	MPC ENGINEERING	1888-1-STERLING-MOULD	ASSEMBLE	1	8.00	TOOLROOM	1	2020/05/07		Not ready
10222	MPC ENGINEERING	1888-1-STERLING-MOULD	UNPLANNED WORK			OUTSOURCING	1	2020/05/07		Not ready

Export to Excel

List Only by...

Employee Activity

Note the Status field allows you to see what is currently ready and or in process.

Supervisors can assign work from the Supervisor's management display or from this display.

Locating what you are looking for, is always just a click away...



14 found

W.O. #	-CUSTOMER-	--PART	Operation Type	Priority	DEPARTMENT	Priority	Start Date	%Com	- STATUS -
10222	MPC ENGINEERING	1888-AUTOMATION IN			ROOM	1	2020/05/01		Not ready
10222	MPC ENGINEERING	1888-2162-AUTOMAT			ON DEPT	1	2020/05/01		Ready to start
10222	MPC ENGINEERING	1888-2161-AUTOMAT			ON DEPT	1	2020/05/01		Ready to start
10222	MPC ENGINEERING	1888-CAVITY HALF			ROOM	1	2020/05/01	70	Ready to start
10222	MPC ENGINEERING	1888-2162-AUTOMAT			ON DEPT	1	2020/05/01		Not ready
10222	MPC ENGINEERING	1888-AUTOMATION IN			DEPARTMENT	1	2020/05/04		Not ready
10222	MPC ENGINEERING	1888-CORE HALF			ROOM	1	2020/05/04	65	Ready to start
10222	MPC ENGINEERING	1888-2113-CORE SUB			SECTION	1	2020/05/04		Not ready
10222	MPC ENGINEERING	1888-2113-CORE SUB			ON DEPT	1	2020/05/04		Not ready
10222	MPC ENGINEERING	1888-2113-CORE SUB			ON DEPT	1	2020/05/04		Ready to start
10222	MPC ENGINEERING	1888-AUTOMATION IN			DEPARTMENT	1	2020/05/05		Not ready
10222	MPC ENGINEERING	1888-AUTOMATION IN			SECTION	1	2020/05/06		Not ready
10222	MPC ENGINEERING	1888-1-STERLING-MC			ROOM	1	2020/05/07		Not ready
10222	MPC ENGINEERING	1888-1-STERLING-MC			SOURCING	1	2020/05/07		Not ready

Default (ready or in process)

ALL (ready or not)

Part #

Drill down and get what you need to know quickly and easily...

Work in process or Ready to Start for WO# 10222

2 found

W.O. #	-CUSTOMER-	--PART I.D. and TYPE--	- OPERATION -	Qty.	Est Hrs	DEPARTMENT	Priority	Start Date	%Com	- STATUS -
10222	MPC ENGINEERING	1888-CAVITY HALF	ASSEMBLY/OVERLAP	1	16.00	TOOLROOM	1	2020/05/01	70	Ready to start
10222	MPC ENGINEERING	1888-CORE HALF	ASSEMBLY/OVERLAP	1	16.00	TOOLROOM	1	2020/05/04	65	Ready to start



This operation inquiry form is used by shop-floor users to see important information related to manufacturing.

MOR provides users a way to upload files to a centralized server so that files can be accessed locally wherever an internet connection is available.



Operation Inquiry

Operations to make: 1888-2162-AUTOMATION INSERT for Customer - MPC ENGINEERING on W.O.# 10222

Parts required to Manufacture

Part's Information

WB70 1888-2161/2162-WIRE BLOCK

Qty in Stock

.00 EACH

Make Quantity:

1

Available:

Operation Name	Operation Description	Fin Qty.	%
1 WIRE EDM SETUP/PROG	PROGRAM AND SET-UP		100
2 WIRE CUTTING	WIRECUT AUTOMATION PROFILE - LEAVE 0.002" ON OUTSIDE OF SQUARE INSERT FOR FINAL GRIND INSIDE TO BE CUT ACCURATE - OUTSIDE WOULD ONLY REQUIRE 1 MAIN AND 1 TRIM - OUTSIDE LEAVE THE 0.002" EXTRA MATERIAL	5	100
3 WIRE EDM SETUP/PROG	PROGRAM AND SET-UP	1	100
4 WIRE CUTTING	PICK UP MILLED NOTCH AREA AND FINISH WIRE NOTCH AS WELL AS AN OTHER FEATURES IN THIS DIRECTION	5	100
5 MICRON SETUP/PROGRAM	PROGRAM AND SET-UP	0	
6 CNC MICRON	ROUGH OUT CTR TUBE AREA LEAVING MATERIAL ON FOR FINAL BURNING FINISH MILL CTR POCKET STANDING MATERIAL ADD CHAMFER TO REAR OF INSERT	0	

Print Routing

View Files

M.O.R. CONTROL

Close



Planning for Active Work Orders

Work Order Status

Active (38)

WO Type:

Comp Type:

Reports

Work in Process

Schedule Backwards From

W.O. #	W.O. is for	PO Number	PART I.D. and TYPE	Status	Make Qty	Priority	Date Req'd	Earliest	Earliest	Sch. From	Last Wkd.	%Com
10222	MPC ENGINEERING	1888-1	1888-1-STERLING-MOULD	SEE INQUIR	1	1	2020/05/01	2020/05/07	2020/05/01		2020/05/01	97
10230	MPC ENGINEERING	1891-1	1891-1-STERLING-OBTURATOR-9705-008-005-MOULD	SEE INQUIR	1	2	2020/05/08	2020/05/13	2020/05/01		2020/05/01	58
10129	MPC ENGINEERING	1892-1	1892-STERLING OBTURATOR HANDLE-MOULD	SEE INQUIR	1	3	2020/05/11	2020/05/18	2020/05/01		2020/05/01	73
10263	MPC ENGINEERING	1865-13	1865-13(MOD)-MOULD	SEE INQUIR	1	4	2020/05/05	2020/05/15	2020/05/01		2020/05/01	49
10256	MPC ENGINEERING	1900-1	1900-1 MULTIMATIC BEARING 13791-003-MOULD	SEE INQUIR	1	0	2020/05/18	2020/05/20	2020/05/01		2020/05/01	25
10228	MPC ENGINEERING	1881-1	1881-CUBE	SEE INQUIR	1	0	2020/05/22	2020/06/01	2020/05/01		2020/04/29	7
10323	WEB GEAR SERVICES	1940	W200444-MASTER GEAR	READY	1	0	2020/05/22	2020/05/13	2020/05/12			
10323-2	WEB GEAR SERVICES	1940	W200544-MASTER GEAR	READY	1	0	2020/05/22	2020/05/13	2020/05/12			
10323-3	WEB GEAR SERVICES	1940	W200566-MASTER GEAR	READY	1	0	2020/05/22	2020/05/14	2020/05/12			
10323-4	WEB GEAR SERVICES	1940	W200568-MASTER GEAR	READY	1	0	2020/05/22	2020/05/14	2020/05/12			
10249	MPC PRODUCTION	1878-1	1878-1 MPC PLASTIC STUD-MOULD	SEE INQUIR	1	0	2020/05/29	2020/05/21	2020/05/12		2020/03/25	3
10122	MPC ENGINEERING	1879-1	1879-EDSCHA-F_R HOUSING HALF-MOULD	SEE INQUIR	1	0	2020/06/26	2020/09/08	2020/05/01		2020/05/01	46
10046	MPC ENGINEERING	1875-1	1875-DICHTOMATIK-TPO-11-MOULD	SEE INQUIR	1	0	2020/06/29	2020/07/07	2020/05/29		2020/02/06	86
10065	MPC PRODUCTION	1486-72	1486-CAVITY INSERT	READY	8	0	2020/06/29	2020/07/07	2020/07/07		2020/01/29	92
10296	MPC ENGINEERING	1902-1	1902-1-EDSCHA-SPACER-MOULD	SEE INQUIR	1	0	2020/06/30	2020/07/16	2020/05/05			
10270	MPC PRODUCTION	1904-1	1904-1-EDSCHA-DISTANCE SLEEVE-MOULD	SEE INQUIR	1	0	2020/07/30	2020/07/20	2020/05/01		2020/04/24	8

List All

List Only By...

Load planning

New Schedule

If we look into the loads on our resources we can easily see where bottlenecks are occurring.



Resource Loading for All Active WOs

Change Plan		Planning Calendar		Pick WO		Next 10		Number of weeks for each planning period									
-- RESOURCES --		PE06/20	PE06/27	PE07/04	PE07/11	PE07/18	PE07/25	PE08/01	PE08/08	PE08/15	PE08/22						
CNC LATHE OPERATOR	1@8.00Hrs.	+++															
CNC MICRON	1@16.00Hrs.	+	+++++	+++													
CNC MILLING MACHINE	2@12.00Hrs.	++	+++++	+++++	+++	+++		+++++									
CNC SETUP/PROGRAMMER	2@4.00Hrs.	++++	+++++	++	++++	++++		+++++									
ELECTRODE DESIGNER	1@4.00Hrs.	+	+++++														
HEAT TREAT	OUTSOURCE	++	+++++					++++	+++++								
INSPECTOR	1@8.00Hrs.	++	+++++	++++		++++	++++		++	++							
MANUAL MILL/GRINDER	4@8.00Hrs.	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+								
MICRON PROGRAMMER	1@8.00Hrs.	+++	++++														
MOULD MAKER	1@8.00Hrs.	+++	+++++				++++	++++	+++++	+++++	+++++						
NITRIDE	OUTSOURCE	+	++++														
O/S MANUFACTURER	OUTSOURCE	+++++	+++++	+++++	+++++	+++++											
SINK EDM MACHINE	2@12.00Hrs.	++	+++++	++++	+++++	+++++	++	+	+++++								
SINK EDM SETUP/PROGR	1@8.00Hrs.	++	+++++	+	++	+	+	+	+								
SPEED DRILL OPERATOR	1@8.00Hrs.	+															
WIRE CUTTING MACHINE	1@16.00Hrs.	++	+++++	+++++	+												
WIRE EDM SETUP/PROGR	1@8.00Hrs.	+++	++	+													

If we look at the loads on our resources, we can easily see where bottlenecks are occurring.



Caption						
Resource	WO #	Start Date	Making Part	Qty	Time	Operation
CNC LATHE OPERATOR	10222	2020/05/01	1888-CAVITY HALF	1.00000	16.00000	ASSEMBLY/OVERLAPPING
CNC MICRON	10263	2020/05/01	1865-13(MOD)-MOULD	1.00000	8.00000	ASSEMBLY/OVERLAPPING
CNC MILLING MACHINE	10222	2020/05/04	1888-CORE HALF	1.00000	16.00000	ASSEMBLY/OVERLAPPING
CNC SETUP/PROGRAMMER	10296	2020/05/05	1902-CORE HALF	1.00000	8.00000	ASSEMBLY/OVERLAPPING
CYLINDRICAL GRINDING OPERATOR	10129	2020/05/05	1892-CAVITY INSERT EDM ASSEMBLY	2.00000	1.00000	ASSEMBLE
ELECTRODE DESIGNER	10222	2020/05/07	1888-1-STERLING-MOULD	1.00000	8.00000	ASSEMBLE
ENGINEER	10230	2020/05/08	1891-CAVITY HALF	1.00000	8.00000	ASSEMBLY/OVERLAPPING
HEAT TREAT	10230	2020/05/11	1891-CORE HALF	1.00000	12.00000	ASSEMBLY/OVERLAPPING
INSPECTOR	10230	2020/05/12	1891-1 STERLING-OBTURATOR-9705-008-005-MOULD	1.00000	8.00000	ASSEMBLE
JIG GRINDING OPERATOR	10129	2020/05/13	1892-CORE HALF	1.00000	8.00000	ASSEMBLY/OVERLAPPING
MANUAL MILL/GRINDER	10129	2020/05/14	1892-CAVITY HALF	1.00000	8.00000	ASSEMBLY/OVERLAPPING
MICRON PROGRAMMER	10129	2020/05/15	1892-STERLING OBTURATOR HANDLE-MOULD	1.00000	8.00000	ASSEMBLY/OVERLAPPING
MOULD MAKER	10249	2020/05/18	1878-CORE HALF	1.00000	2.00000	ASSEMBLY/OVERLAPPING
NITRIDE	10256	2020/05/18	1900-CAVITY HALF	1.00000	4.00000	ASSEMBLY/OVERLAPPING
O/S MANUFACTURER	10249	2020/05/19	1878-CAVITY HALF	1.00000	4.00000	ASSEMBLY/OVERLAPPING
SINK EDM MACHINE	10249	2020/05/19	1878-1 MPC PLASTIC STUD-MOULD	1.00000	4.00000	ASSEMBLY/OVERLAPPING
SINK EDM SETUP/PROGRAMMER	10256	2020/05/20	1900-1 MULTIMATIC BEARING 13791-003-MOULD	1.00000	8.00000	ASSEMBLY/OVERLAPPING
SPEED DRILL OPERATOR	10256	2020/05/20	1900-CORE HALF	1.00000	4.00000	ASSEMBLY/OVERLAPPING
WIRE BLOCK DESIGNER	10228	2020/06/01	1881-CUBE	1.00000	50.00000	ASSEMBLY/OVERLAPPING
WIRE CUTTING MACHINE	10122	2020/07/07	1879-CAVITY HALF ASSEMBLY PRIMARY	1.00000	4.00000	ASSEMBLY/OVERLAPPING
WIRE EDM SETUP/PROGRAMMER	10046	2020/07/07	1875-DICHTOMATIK-TPO-11-MOULD	1.00000	8.00000	ASSEMBLY/OVERLAPPING
	10122	2020/07/08	1879-CAVITY HALF ASSEMBLY SECONDARY	1.00000	30.00000	ASSEMBLY/OVERLAPPING
	10296	2020/07/14	1902-CAVITY HALF	1.00000	8.00000	ASSEMBLY/OVERLAPPING
	10296	2020/07/15	1902-1-EDSCHA-SPACER-MOULD	1.00000	8.00000	ASSEMBLY/OVERLAPPING
	10270	2020/07/16	1904-CORE HALF	1.00000	8.00000	ASSEMBLY/OVERLAPPING
	10270	2020/07/17	1904-1-EDSCHA-DISTANCE SLEEVE-MOULD	1.00000	8.00000	ASSEMBLY/OVERLAPPING
	10122	2020/07/23	1879-CORE HALF	4.00000	240.00000	ASSEMBLY/OVERLAPPING
	10122	2020/09/03	1879-EDSCHA-F_R HOUSING HALF-MOULD	1.00000	30.00000	ASSEMBLE

Being able to see and understand how your work is planned going forward, is an important part of remaining in control of your business.

MOR software is designed to act like a dynamic flowchart. Having the system bring the users what requires their attention in real time, is a functional solution in connecting all the pieces of the puzzle.

Everyone involved in your processes, needs to update their work in real time, to enable a successful implementation.

With this in mind, MOR is designed to bring information to all users and provide an intuitive interface to help them with their daily tasks.



The remainder of this demo shows a few snapshots of what users will work with in the MOR system. Having simple ways to get your work done is a key component in having a database system work properly.

Continue through the following screenshots by using the arrow...



C:\MCL850\MOR_MPC\00003 Rel# 4 - THOMAS WOEGERER Managing

Title list	Action required	
1 CANCELLED Work Orders with Known COSTS	Review and File it or Add Billing Price	View
37 CUSTOMER ORDER Items are LATE	Review Planning and Re-schedule Resources	View
4 T and M jobs within 3 days of due date	View in planning display	View
22 Customer Order Items BEHIND Schedule	View Resource Loading and Eliminate the Bottleneck	View
49 Active Time and Materials Jobs	Report Activity	View
33 LATE Purchase Order Items	Contact Supplier as to Status of Order	View
2 Engineering Activity requires Attention	Update Engineering Work Done	View
216 Order Items ready for Shipping	Prepare to ship or wait for other Order Items	View
77 COMPLETED Orders ready to be SHIPPED	Prepare for shipping and create a Packing Slip	View
2 Items Ready to be Outsourced	Prepare Outsource Slip and send Items	View
4 Materials REQUIRED to PURCHASE	Create a Quote or Order the Materials	View

[Shop Floor](#) [I Need to...\(F6\)](#) [Pick Function \(F5\)](#) [Planning](#) [Create a...\(F7\)](#) [Reference Lists](#) [BYE!](#)

F1 for Help, F2 General Inquiry, F3 for Names Info, F8 My Action Titles F9 for Customer Service



Supervisor's use a display to manage their employees. Assigning work is easy, access to planning and work records is just a click away.



Employee work managed by Darryl Gratrix

--Employees--	-Start-	----- Work in Process -----	EstHrs	%	--Status--	
<input type="checkbox"/> Robert Pilon	N/A		0.0		* UNASSIGNED *	233 To assign
<input type="checkbox"/> Nathan Bax	N/A		0.0		* UNASSIGNED *	37 Can be assigned
<input type="checkbox"/> Ewen MacDonald	N/A		0.0		* UNASSIGNED *	26 Can be assigned
<input type="checkbox"/> Philip MacDonald	N/A		0.0		* UNASSIGNED *	11 Can be assigned
<input type="checkbox"/> Chris Gosk	N/A		0.0		* UNASSIGNED *	37 Can be assigned
<input type="checkbox"/> David Ducharme	N/A		0.0		* UNASSIGNED *	11 Can be assigned
<input type="checkbox"/> Juergen Elzner	N/A		0.0		* UNASSIGNED *	182 Can be assigned
<input type="checkbox"/> Adam Robbins	N/A		0.0		* UNASSIGNED *	158 Can be assigned
			0.0		* UNASSIGNED *	11 Can be assigned

Planning Ready/In-Process Employees Schedule Show Work Done Work Sheets BYE!

Clicking the Employee Name will show their WORKSLATE



Shop-floor users have a work slate to manage their work.

Workslate for Adam Robbins

--W.O.#--	--PO #--	---- Operation ----	---- Working on Item ----	--Started--	Reqd.	Quantity Committed	Estimated --Completed Info.--
N/A		MEETINGS		Started 2020/06/01 11:24			Time Wkd? ~
N/A		SHOP CLEAN/ORGANIZE		Started 2020/06/16 14:40			Time Wkd? ~
N/A		EQUIPMENT REPAIR/MAINTAIN		Started 2020/06/16 14:47			Time Wkd? ~

Enter known characters of item ID or Part # and hit enter or click 'Search' button. (rightclick to view completed items)



Being able to easily locate information in a system is important and MOR is always developing new, useful ways to assist its users.

Looking for a Purchase order

A screenshot of a web application window titled "System Inquiry". The window has a light blue header bar with the text "No Part or Name selected. Click type to list all." Below this, there are two buttons: "Search for Information using a PART" and "Search using a COMPANY NAME". Under these buttons is a text input field and a label that says "Enter a known number and click type from list below." Below the input field is a list of radio button options: "Customer orders", "Invoices", "Packing slips sent to customers", "Purchase orders", "Quotes provided to customers", "Received items", "Request for quotes from vendors", and "Work Orders". A red arrow points from the text "Looking for a Purchase order" to the "Purchase orders" radio button. At the bottom right of the window is an "Exit" button.

System Inquiry

No Part or Name selected. Click type to list all.

Search for Information using a PART

Search using a COMPANY NAME

Enter a known number and click type from list below.

- ☐ Customer orders
- ☐ Invoices
- ☐ Packing slips sent to customers
- ☐ Purchase orders
- ☐ Quotes provided to customers
- ☐ Received items
- ☐ Request for quotes from vendors
- ☐ Work Orders

Exit

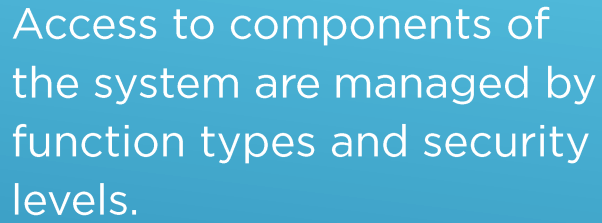


Simple lists allows access to all the pieces of the puzzle...

P.O.#-	Supplier	Date Created	Total Amount	Status	Issued By
20-1265	F.K. MACHINERY L	04/30/2020	\$1,178.34	Waiting to Receive	Darryl Gratrix
20-1264	MAJAC TOOLING SU	04/30/2020	\$993.62	Waiting to Receive	Darryl Gratrix
20-1263	J.B. MACHINE TOO	04/30/2020	\$2,820.00	Waiting to Receive	Darryl Gratrix
20-1262	J.B. MACHINE TOO	04/30/2020	\$.00	***Status unknown, please review***	Darryl Gratrix
20-1261	J.B. MACHINE TOO	04/30/2020	\$.00	***Status unknown, please review***	Darryl Gratrix
20-1260	J.B. MACHINE TOO	04/30/2020	\$960.00	Waiting to Receive	Darryl Gratrix
20-1259	PCS COMPANY	04/30/2020	\$322.12	Waiting to Receive	Darryl Gratrix
20-1258	A TO Z METALS	04/30/2020	\$.00	Waiting to Receive	Darryl Gratrix
20-1257	HEINMAN MACHINER	04/30/2020	\$190.00	Waiting to Receive	Darryl Gratrix
20-1256	DME	04/28/2020	\$27.60	Wait reconciliation	Darryl Gratrix
20-1255	ELECTRODES OF CA	04/28/2020	\$799.50	Wait reconciliation	Darryl Gratrix
20-1254	F.K. MACHINERY L	04/28/2020	\$3,717.25	Waiting to Receive	Darryl Gratrix
20-1253	ATLANTIC HEAT TR	04/27/2020	\$.00	Partially Received	Darryl Gratrix
20-1252	A TO Z METALS	04/27/2020	\$2,086.00	Waiting to Receive	Darryl Gratrix
20-1251	BARRIE WELDING A	04/27/2020	\$1,125.00	Wait reconciliation	Darryl Gratrix
20-1250	GF MACHINING SOL	04/25/2020	\$2,049.30	Waiting to Receive	Darryl Gratrix
20-1249	ELECTRODES OF CA	04/24/2020	\$550.00	Wait reconciliation	Darryl Gratrix
20-1248	MCMaster CARR	04/23/2020	\$105.59	Wait reconciliation	Darryl Gratrix
20-1247	J.B. MACHINE TOO	04/23/2020	\$960.00	Waiting to Receive	Darryl Gratrix
20-1246	F.K. MACHINERY L	04/23/2020	\$181.28	Waiting to Receive	Darryl Gratrix
20-1245	DME	04/23/2020	\$352.48	Filed	Darryl Gratrix
20-1244	F.K. MACHINERY L	04/22/2020	\$556.57	Partially Received	Darryl Gratrix
20-1243	DME	04/22/2020	\$126.00	Filed	Darryl Gratrix
20-1242	ATLANTIC HEAT TR	04/21/2020	\$.00	Filed	Darryl Gratrix
20-1241	KRM MEDWELD LTD	04/21/2020	\$100.00	Waiting to Receive	Darryl Gratrix
20-1240	FINE LINE CONTROL	04/20/2020	\$24,100.00	Waiting to Receive	Darryl Gratrix
20-1239	SCHMOLZ+BICKENBA	04/20/2020	\$.00	Wait reconciliation	Darryl Gratrix
20-1238	ELECTRODES OF CA	04/20/2020	\$1,564.00	Filed	Darryl Gratrix
20-1237	SCHMOLZ+BICKENBA	04/20/2020	\$213.46	Wait reconciliation	Darryl Gratrix
20-1236	DME	04/20/2020	\$227.84	Reconciled	Darryl Gratrix
20-1235	MAJAC TOOLING SU	04/20/2020	\$1,130.26	Wait reconciliation	Darryl Gratrix
20-1234	HIGH SPEED MACHI	04/19/2020	\$1,104.00	Wait reconciliation	Darryl Gratrix
20-1233	SCHMOLZ+BICKENBA	04/16/2020	\$707.29	Waiting to Receive	Darryl Gratrix
20-1232	ATLANTIC HEAT TR	04/16/2020	\$1.00	Filed	Darryl Gratrix
20-1231	HASCO CANADA INC	04/15/2020	\$2,252.84	Partially Received	Darryl Gratrix

Cancel

Click an item to view its Purchase Order





By bringing the information that requires attention to the user the system dynamically keeps the puzzle together and makes the processes more intuitive to follow.

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Shop Floor

I Need to...(F6)

Pick Function (F5)

Planning

Create a...(F7)

Reference Lists

BYE!

F1 for Help, F2 General Inquiry, F3 for Names Info, F8 My Action Titles F9 for Customer Service



MDR Control Software

► Features...

- 24/7 phone, email and text Support included in monthly fees
- Developed by a team of Database engineers, software engineers, and proud users
- Supported by ZIM Databases (zimdatabases.com)
- Cloud based (can be installed on local networks if required)
- The system is multi currency with country codes and a currencies table with conversion rates along with effective dates
- Exports into Excel and can connect to other databases using ZIM's JDBC Drivers
- System Admin controls Security levels and function types of all users
- Sends documents and files electronically and keeps all docs created on a server to ensure traceability
- Allows Drawing and PDF's files to reside on a server and can be shared wherever an internet connection exists
- Pricing...
 - \$120/mth (single user license)
 - \$80/mth each additional user
 - Setup with 1 day on site training and 16 hours zoom meeting time is \$2895 (plus travel costs if required)
 - Setup and training costs are paid after a one-month free trial period