

MACS

Smart Flexible Scheduling powered by Flex Calendar Plus and Outlook Integration



EAM Flex Calendar Plus

The screenshot displays the EAM Labor Reporting interface. At the top, there is a navigation bar with a home icon, a menu icon, and the text "EAM Labor Reporting". Below this is a search bar with "Query" and "Find Labor" options, and a "Select Action" dropdown. The main view is titled "Labor transactions" and shows a calendar for the month of February 2021. The calendar is organized into columns for each week, with dates and days of the week listed on the left. A vertical time axis on the left side of the calendar ranges from 8:00 to 16:00. Labor transactions are represented as colored blocks within the calendar grid. A context menu is open over a transaction, showing options: "Modify Labor transaction", "Approve Labor Transaction", "Duplicate Labor Transaction", and "Delete Labor transaction".

Query Find Labor Select Action

List View Labor transactions

Labor: CAMILA Camila Belmonte

Calendar

	8-2-21	9-2-21	10-2-21	11-2-21	12-2-21
8:00					
9:00					
10:00			WO1228 - HVAC overheating /		
11:00	WO6003 - Scale Calibration or			General pump check.	
12:00		WO1019 - Conveyor Overhaul			
13:00					
14:00					
15:00				SR1086 - Toilet in the 1st floor	
16:00					

- Modify Labor transaction
- Approve Labor Transaction
- Duplicate Labor Transaction
- Delete Labor transaction

EAM Labor Reporting

Create Labor Transactions

EAM Labor Reporting

Query Find Labor Select Action

List View Labor transactions

Labor: CAMILA Camila Belmonte

Calendar

	8-2-21	9-2-21	10-2-21	11-2-21	12-2-21	13-2-21	14-2-21
Total hours: 0:30	Total hours: 3:00	Total hours: 2:00	Total hours: 2:30	Total hours: 0:00	Total hours: 0:00	Total hours: 0:00	Total hours: 0:00 / 8:00
5							
6							
7							
8							
9							
10			WO1228 - HVAC overheating /				
11	WO6003 - Scale Calibration or			General pump check.			
12		WO1019 - Conveyor Overhaul-					
13							
14							
15					SR1086 - Toilet in the 1st floor		
16							

Create Labor transaction

Labor: CAMILA Camila Belmonte Organization: EAGLENA Site: BEDFORD Approved?

Skill Level: FIRSTCLASS

Details

Start Date: 12-2-21 End Date: 12-2-21 Regular Hours: 1:00 Type: WORK

Start Time: 10:00 End Time: 11:00 Premium Pay Hours:

Charge Information

Work Order: Task: Ticket: Location: Asset: Memo:

OK Cancel

EAM Labor Reporting

Use of different colours

The screenshot shows the 'EAM Labor Reporting' interface. At the top, there is a navigation bar with 'Home', 'Menu', and 'EAM Labor Reporting'. Below this is a search bar with 'Query' and 'Find Labor' options, and a 'Select Action' dropdown. The main area is titled 'Labor transactions' and shows 'Labor: CAMILA' and 'Camila Belmonte'. A calendar view is displayed for February, March, and April 2021. The calendar grid has columns for dates and rows for time slots (8:00, 9:00, 10:00, 11:00, 12:00, 13:00, 14:00, 15:00). Colored blocks represent labor transactions: blue for Work Orders (e.g., WO1228 - HVAC overheating /, WO6003 - Scale Calibration or, WO1019 - Conveyor Overhaul-), green for Tickets (e.g., SR1086 - Toilet in the 1st floor), and orange for Asset/Locations (e.g., General pump check.). A red box highlights a grey block in the 11:00 slot on 12-2-21, with an arrow pointing to the 'Create Labor transaction' dialog box.

The 'Create Labor transaction' dialog box is shown. It contains the following fields:

- Labor:** CAMILA > Camila Belmonte
- Organization:** EAGLENA
- Site:** BEDFORD
- Approved?**
- Skill Level:** FIRSTCLASS >
- Details:**
 - Start Date:** 12-2-21
 - End Date:** 12-2-21
 - Regular Hours:** 1:00
 - Type:** WORK
 - Start Time:** 10:00
 - End Time:** 11:00
 - Premium Pay Hours:** _____
- Charge Information:** (highlighted with a red box)
 - Work Order:** _____ >
 - Task:** _____ >
 - Ticket:** _____ >
 - Location:** _____ >
 - Asset:** _____ >
 - Memo:** _____

Buttons for 'OK' and 'Cancel' are at the bottom right.

- ▶ Work Orders (Blue)
- ▶ Tickets (Green)
- ▶ Asset/Locations (Orange)

EAM Labor Reporting

Modify, Approve, Duplicate or Delete Labor Transactions

Home EAM Labor Reporting

Query Find Labor Select Action

List View Labor transactions

Labor: CAMILA Camila Belmonte

Calendar

		8-2-21	9-2-21	10-2-21	11-2-21	12-2-21	13-2-21	14-2-21
februari 2021		Total hours: 0:30	Total hours: 3:00	Total hours: 2:00	Total hours: 2:30	Total hours: 0:00	Total hours: 0:00	Total hours: 0:00 / 8:00
5	1 2 3 4 5 6 7							
6	8 9 10 11 12 13 14							
7	15 16 17 18 19 20 21							
8	22 23 24 25 26 27 28							
9								
10				WO1228 - HVAC overheating /				
maart 2021		WO6003 - Scale Calibration or						
9	1 2 3 4 5 6 7							
10	8 9 10 11 12 13 14				General pump check.			
11	15 16 17 18 19 20 21							
12	22 23 24 25 26 27 28		WO1019 - Conveyor Overhaul-					
13	29 30 31							
14								
april 2021								
13	1 2 3 4							
14	5 6 7 8 9 10 11							
15	12 13 14 15 16 17 18					SR1086 - Toilet in the 1st floor		
16	19 20 21 22 23 24 25							
17	26 27 28 29 30 1 2							
18	3 4 5 6 7 8 9							

- Modify Labor transaction
- Approve Labor Transaction
- Duplicate Labor Transaction
- Delete Labor transaction

Assets

Report Downtime, define a Maintenance Schedule and/or create a Work Order

Assets

Query Find Asset Select Action

List View Asset Calendar Spare Parts Safety Meters Specifications Relationships Work Work Zones Service Address Map

Asset: 11450 Centrifugal Pump 100GPM/60FTHD Site: BEDFORD

Month	Day	Time	8-2-21	9-2-21	10-2-21	11-2-21	12-2-21	13-2-21	14-2-21
februari 2021	5	8:00				Feedwater Pump Servi			
	6	9:00				Check for leak			
	7	10:00	Clean contactors and contacto		Record amper		Clean contactors and contacto		
	8	11:00		MINRSTOP			Oil check		
	9	12:00					Record amperage and voltage		
	10	13:00		Replace impeller, shaft, seal ai			Check pump operation.		
maart 2021	9	14:00					Rebuild Feedwater Pur		
	10	15:00	Inspect floats and replace mai		Check for leak	Inspect floats.			
	11	16:00					Check pump fl		
	12	17:00				Inspect main disconnect and a			
	13						Inspect main c		
april 2021	13								
	14								
	15								
	16								
	17								
	18								

New Appointment ▶
 Clear selection
 Downtime
 Maintenance Schedule
 Work Order

Assets

Report Downtime

The screenshot displays the MACS Assets interface. The main view is a calendar for the asset 'Centrifugal Pump 100GPM/60FTHD' (Asset ID: 11450). The calendar shows various maintenance appointments and downtime events across several months (February, March, and April 2021). A red box highlights a context menu that appears over the calendar, with options: 'New Appointment', 'Clear selection', 'Downtime', 'Maintenance Schedule', and 'Work Order'. A red arrow points from the 'Downtime' option to the 'Report Downtime' dialog box on the right.

The 'Report Downtime' dialog box contains the following information and options:

- Asset:** 11450 **Centrifugal Pump 100GPM/60FTHD**
- Asset Up?** J
- Downtime Report** (selected)
- Change Status** (radio button):
 - Status Date: _____
 - Downtime Code: _____
- Report Downtime** (radio button, selected):
 - Start Date: 9-2-21 13:30
 - End Date: 9-2-21 15:00
 - Hours: _____
 - Downtime Code: ADJUST
- Downtime Type** (selected):
 - Operational (radio button, selected)
 - Non-operational (radio button)
- Buttons:** OK, Cancel

Assets

View the reported Downtime

Assets

Query Find Asset Select Action

List View Asset Calendar Spare Parts Safety Meters Specifications Relationships Work Work Zones Service Address Map

Asset: 11450 Centrifugal Pump 100GPM/60FTHD Site: BEDFORD

februari 2021	8-2-21	9-2-21	10-2-21	11-2-21	12-2-21	13-2-21	14-2-21
5 1 2 3 4 5 6 7							
6 8 9 10 11 12 13 14	8 ⁰⁰			Feedwater Pump Servi			
7 15 16 17 18 19 20 21							
8 22 23 24 25 26 27 28					Check for leak		
9		MINRSTOP			Clean contactors and contacto		
10	Clean contactors and contacto		Record amper		Oil check		
maart 2021							
9 1 2 3 4 5 6 7					Record amperage and voltage		
10 8 9 10 11 12 13 14		Replace impeller, shaft, seal ar			Check pump operation.		
11 15 16 17 18 19 20 21							
12 22 23 24 25 26 27 28							
13 29 30 31					Rebuild Feedwater Pur		
14							
april 2021							
13 1 2 3 4				Inspect floats.			
14 5 6 7 8 9 10 11			Check for leak		Check pump fl		
15 12 13 14 15 16 17 18	Inspect floats and replace ma						
16 19 20 21 22 23 24 25							
17 26 27 28 29 30 1 2			Check pump operation.	Inspect main disconnect and a			
18 3 4 5 6 7 8 9					Inspect main c		
	17 ⁰⁰						

Manage Downtime
 ADJUST
 Start Date: 9-feb-2021 13:30:00
 End Date: 9-feb-2021 15:00:00
 Downtime: 1:30

ADJUST

Assets

Modify the reported Downtime

Assets

Query Find Asset Select Action

List View Asset Calendar Spare Parts Safety Meters Specifications Relationships Work Work Zones Service Address Map

Asset: 11450 Centrifugal Pump 100GPM/60FTHD

Manage Downtime History

Asset: 11450 Centrifugal Pump 100GPM/60FTHD

Site: BEDFORD

Filter 1 - 5 of 5

Start Date	Start Work Order	End Date	End Work Order	Downtime
9-2-21 13:30	91051	9-2-21 15:00	91051	1:30
9-2-21 9:30		9-2-21 10:00		0:30
10-7-97 9:00	4394	10-7-97 10:45	4394	1:45
15-1-97 8:00	2433	15-1-97 8:45	2433	0:45
4-5-95 10:30	2155	4-5-95 11:30	2155	1:00

Details

Downtime: 1:30

Start Date: 9-2-21 13:30

End Date: 9-2-21 15:00

Start Work Order: 91051

End Work Order: 91051

Start Code: ADJUST

End Code: ADJUST

Start Operational Type: Operational

End Operational Type: Operational

OK Cancel

februari 2021

ma di wo do vr za zo

5 1 2 3 4 5 6 7

6 8 9 10 11 12 13 14

7 15 16 17 18 19 20 21

8 22 23 24 25 26 27 28

9

10

maart 2021

ma di wo do vr za zo

9 1 2 3 4 5 6 7

10 8 9 10 11 12 13 14

11 15 16 17 18 19 20 21

12 22 23 24 25 26 27 28

13 29 30 31

14

april 2021

ma di wo do vr za zo

13 1 2 3 4

14 5 6 7 8 9 10 11

15 12 13 14 15 16 17 18

16 19 20 21 22 23 24 25

17 26 27 28 29 30 1 2

18 3 4 5 6 7 8 9

8⁰⁰

9⁰⁰

10⁰⁰

11⁰⁰

12⁰⁰

13⁰⁰

14⁰⁰

15⁰⁰

16⁰⁰

17⁰⁰

8-2-21

9-2-21

10-2-21

Clean contactors and contactors

Record amperage and voltage

MINRSTOP

Replace impeller, shaft, seal and gaskets

ADJUST

Check for leaks.

Inspect floats and replace main float

Check pump operation.

Modify Appointment

Assets

Create a Work Order

Assets

Query Find Asset Select Action

List View Asset Calendar Spare Parts Safety Meters Specifications Relationships Work Work Zones Service Address Map

Asset: 11450 Centrifugal Pump 100GPM/60FTHD Site: BEDFORD

februari 2021	15-2-21	16-2-21	17-2-21	18-2-21	19-2-21	20-2-21	21-2-21
ma di wo do vr za zo							
5 1 2 3 4 5 6 7							
6 8 9 10 11 12 13 14							
7 15 16 17 18 19 20 21		General pump check					
8 22 23 24 25 26 27 28							
9							
10							
maart 2021							
ma di wo do vr za zo							
9 1 2 3 4 5 6 7							
10 8 9 10 11 12 13 14							
11 15 16 17 18 19 20 21							
12 22 23 24 25 26 27 28							
13 29 30 31							
14							
april 2021							
ma di wo do vr za zo							
13 1 2 3 4							
14 5 6 7 8 9 10 11							
15 12 13 14 15 16 17 18							
16 19 20 21 22 23 24 25							
17 26 27 28 29 30 1 2							
18 3 4 5 6 7 8 9							

New Appointment

Downtime

Maintenance Schedule

Work Order

Clear selection

Custom Work Order Dialog

Asset: 11450 Centrifugal Pump 100GPM/60FTHD

Work Order: 1204 Seal needs to be replaced. Target Start: 15-2-21 11:00

Work Type: CM Target Finish: 15-2-21 12:00

Duration: 1:00

OK Cancel

Work Order Tracking - Monthly Planner

Drag and drop Work Orders on a Monthly View

Work Order Tracking

Query Find Work Order Select Action

Advanced Search Save Query Bookmarks

List Monthly Planner Weekly Planner

< februari 2021 >	maandag	dinsdag	woensdag	donderdag	vrijdag	zaterdag	zondag
ma di wo do vr za zo	februari 1	2	3	4	5	6	7
5 1 2 3 4 5 6 7							
6 8 9 10 11 12 13 14							
7 15 16 17 18 19 20 21							
8 22 23 24 25 26 27 28							
9	8	9	10	11	12	13	14
10							
maart 2021							
ma di wo do vr za zo							
9 1 2 3 4 5 6 7							
10 8 9 10 11 12 13 14	15	16	17	18	19	20	21
11 15 16 17 18 19 20 21	1006 11480/General Pump	1009 11480/31480 BREAKD	1006 11480/Feedwater Pump	1007 11480/Feedwater Pump			
12 22 23 24 25 26 27 28				1005 11480/Impost and			
13 29 30 31							
14							
april 2021							
ma di wo do vr za zo	22	23	24	25	26	27	28
13		1004 11480/Impost and					
14 5 6 7 8 9 10 11							
15 12 13 14 15 16 17 18							
16 19 20 21 22 23 24 25							
17 26 27 28 29 30 1 2							
18 3 4 5 6 7 8 9							

Work Order Tracking - Weekly Planner

Drag and drop Work Orders on a Weekly View

The screenshot displays the 'Work Order Tracking' application interface. At the top, there is a navigation bar with a home icon, a menu icon, and the text 'Work Order Tracking'. Below this is a search bar with 'Query' and 'Find Work Order' fields, and a 'Select Action' dropdown. A toolbar contains various icons for search, save, and navigation. Below the toolbar are tabs for 'List', 'Monthly Planner', and 'Weekly Planner', with 'Weekly Planner' being the active tab. The main area shows a calendar for February 2021 on the left and a weekly planner grid for the week of Feb 15-21. The grid has columns for each day and rows for time slots from 8:00 to 17:00. Several green bars represent work orders: '1100/11450/General pump v' on Feb 15 (8:00-9:00), '91091/11450/11450 BREAK' on Feb 17 (11:00-15:00), '1006/11450/Feedwa' on Feb 18 (9:30-14:30), '1013/11470/' on Feb 18 (14:30-15:00), and '1002/11450/Rebuild Feedwa' on Feb 19 (11:00-15:00). A tooltip is open over the '1006/11450/Feedwa' bar, showing details: 'Work Orders', '1006 - Feedwater Pump Service', 'CM', '11450 - Centrifugal Pump 100GPM/60FTHD', 'Target Start: 18-feb-2021 9:30:00', and 'Target Finish: 18-feb-2021 14:30:00'.

Work Order Tracking - Weekly Planner

View and modify Work Order appointments

Work Order Tracking

Query Find Work Order Select Action

Advanced Search Save Query Bookmarks

List Monthly Planner Weekly Planner

februari 2021 15-2-21 16-2-21 17-2-21 18-2-21 19-2-21 20-2-21 21-2-21

ma di wo do vr za zo

5 1 2 3 4 5 6 7 8⁰⁰

6 8 9 10 11 12 13 14

7 15 16 17 18 19 20 21 9⁰⁰

8 22 23 24 25 26 27 28

9

10 10⁰⁰

maart 2021

ma di wo do vr za zo

9 1 2 3 4 5 6 7 11⁰⁰

10 8 9 10 11 12 13 14

11 15 16 17 18 19 20 21 12⁰⁰

12 22 23 24 25 26 27 28

13 29 30 31 13⁰⁰

14 14⁰⁰

april 2021

ma di wo do vr za zo

13 1 2 3 4

14 5 6 7 8 9 10 11

15 12 13 14 15 16 17 18

16 19 20 21 22 23 24 25

17 26 27 28 29 30 1 2

18 3 4 5 6 7 8 9

Work Orders

1006 - Feedwater Pump Service

CM

11450 - Centrifugal Pump 100GPM/60FTHD

Target Start: 18-feb-2021 9:30:00

Target Finish: 18-feb-2021 14:30:00

1006/11450/Feedwa

91091/11450/11450 BREAK

1002/11450/Rebuild Feedwa

1013/11470/

Edit Work Order

Work Order: 1006 Feedwater Pump Service Target Start: 18-2-21 9:30

Asset: 11450 Centrifugal Pump 100GPM/60FTHD Target Finish: 18-2-21 14:30

Work Type: CM Duration: 5:00

OK Cancel

Work Order Tracking - Weekly Planner

Navigate to the specific Work Order record

The screenshot displays the 'Work Order Tracking' application's 'Weekly Planner' view. The top navigation bar includes a home icon, a menu icon, and the text 'Work Order Tracking'. Below this is a search bar with 'Query' and 'Find Work Order' fields, and a 'Select Action' dropdown. A secondary bar contains 'Advanced Search', 'Save Query', and 'Bookmarks' options. The main area shows a weekly calendar for February 2021, with columns for dates from 15-2-21 to 21-2-21. A sidebar on the left shows monthly planners for February, March, and April 2021. A green appointment block is visible on 18-2-21, with a context menu open over it. The menu options are 'Go To Record' and 'Modify Appointment'. The appointment text includes '1006/11450/Feedwa' and '3013/11470/'.

Outlook Integration

Create the Calendar Link

The screenshot shows the MAXADMIN web interface. In the top right corner, a user menu is open, and the 'EAM Calendar Links' option is highlighted with a red box. A red arrow points from this menu item to a modal dialog box titled 'EAM Calendar Links'.

The dialog box contains the following fields:

- Login ID: maxadmin
- Password:
- Application: WOTRACK
- Query: All 114 Work Orders
- Mapping ID: WO-DEMO
- Calendar Link: <https://macsdemo01.macs.eu/maximo/webclient/uti>

At the bottom of the dialog, there are three buttons: 'Generate Outlook Calendar Link', 'OK', and 'Cancel'. A mouse cursor is hovering over the 'OK' button.

In the background, the MAXADMIN interface is visible, showing a navigation menu on the left, a 'Bulletin Board' section with a table of messages, and a 'KPI Graph' section with a gauge chart.

Subject	Message	Post Date	Expiration Date	Viewed
				N

KPI	Actual	Target	Variance
Current User Sessions	1	500	-499

Outlook Integration

Add a Calendar using the Link

The screenshot displays the Outlook calendar interface. On the left, the 'My Calendars' section is expanded, and the 'Add Calendar' option is highlighted with a red box. A context menu is open over 'Add Calendar', with the 'From Internet...' option also highlighted by a red box. A red arrow points from this menu item to a dialog box titled 'New Internet Calendar Subscription'. The dialog box contains the text: 'Enter the location of the internet calendar you want to add to Outlook:' followed by a text input field containing the URL 'https://macsdemo01.macs.eu/maximo/webclient/utility/ea'. Below the input field, there is an example URL: 'Example: webcal://www.example.com/calendars/Calendar.ics'. At the bottom of the dialog, there are 'OK' and 'Cancel' buttons. The background shows a calendar grid with dates and times.

Outlook Integration

Viewing Work Orders in Outlook

The screenshot displays the Outlook calendar interface with the following elements:

- Navigation and Tools:** Top ribbon includes File, Home, Send/Receive, Folder, View, and Help. The View tab is active, showing options for Today, Next 7 Days, Day, Work Week, Week, Month, and Schedule View.
- Calendar View:** The main area shows a calendar for February 15-19, 2021. The time slots range from 07:00 to 20:00. Work orders are displayed as orange blocks:
 - Monday, Feb 15:** Work Order #1201 - General pump check (BR450 - Feed Water Pump - Centrifugal/100GPM/60FTHD) from 11:00 to 12:00.
 - Tuesday, Feb 16:** Work Order #40121 - Inspection and Certification (BR430 - Condensate Return Pump - Centrifugal/100GPM/60FTHD) from 11:00 to 12:00.
 - Wednesday, Feb 17:** Work Order #91091 - 11450 BREAKDOWN (BR450 - Feed Water Pump - Centrifugal/100GPM/60FTHD) from 07:00 to 15:00.
 - Thursday, Feb 18:** Work Order #1006 - Feedwater Pump Service (BR450 - Feed Water Pump - Centrifugal/100GPM/60FTHD) from 08:00 to 13:00. A tooltip is visible for this event, showing the date and location (BR450 - Feed Water Pump - Centrifugal/100GPM/60FTHD).
 - Thursday, Feb 18:** Work Order #1013 - Inspect and Repair Pump as Required (REPAIR - Repair Shop) from 14:00 to 15:00.
 - Friday, Feb 19:** Work Order #1002 - Rebuild Feedwater Pump (BR450 - Feed Water Pump - Centrifugal/100GPM/60FTHD) from 08:00 to 13:00.
- Left Navigation Panel:**
 - Month view for February 2021 and March 2021.
 - Other Calendars: Other Calendars
 - My Calendars: Calendar, Birthdays, EAM Swiss GmbH - Maxi...
 - Shared Calendars: Shared Calendars
 - All Group Calendars: All Group Calendars, Salesgroup
- Right Panel:** Weather forecast for Sonniuswijk, Noord-Brabant, showing Today (-3°C/-9°C), Tomorrow (-1°C/-6°C), and Sunday (4°C/0°C).

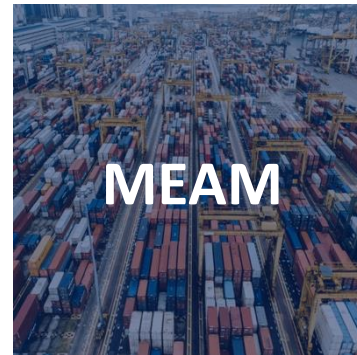
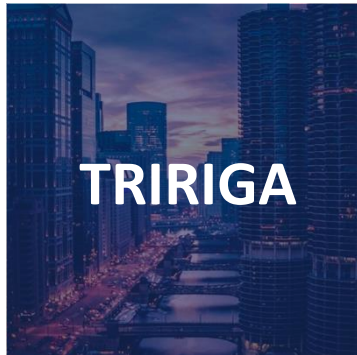
Outlook Integration

Open a Work Order appointment in Outlook to view more details and navigate to the record in Maximo

The screenshot displays the Microsoft Outlook interface with a calendar view for February 15-19, 2021. A specific appointment is selected, and its details are shown in a pane on the right. The appointment is titled "Work Order #1006 - Feedwater Pump Service" and is scheduled for Thursday, February 18, 2021, from 08:00 to 13:00. The location is "BR450 - Feed Water Pump - Centrifugal/100GPM/60FTHD". A red box highlights the appointment details pane, and a red arrow points from the appointment in the calendar to the details pane. The details pane includes a "View Record in Maximo" link: <http://macsdemo01.macs.eu/maximo/ui/maximo.jsp?event=loadapp&value=wotrack&uniqueid=73>. Other calendar items are visible, including "Work Order #1002 - Rebuild Feedwater Pump" and "Work Order #1013 - Inspect and Repair Pump as Required".

Questions





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