



Proteus
MMX
Standard
KPIs



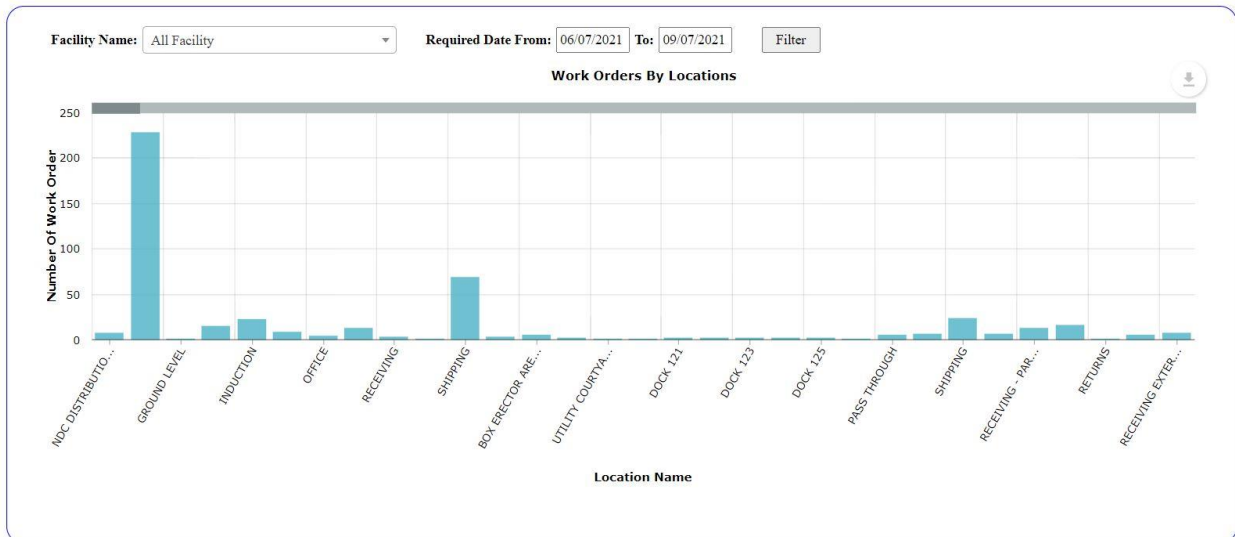
Table of Contents

Standard KPIs.....	1
Work Orders by Location	2
Total Costs by Facility.....	3
DM PM Hour by Month.....	4
Root Cause Failure Graph	5
Mean Time to Repair Graph.....	5
Mean Time between Failures Graph	6
DM PM Total Costs by Month.....	7

Standard KPIs

Work Orders by Location

This chart is used to show the total count of work orders according to location, based on the facilities assigned to the currently logged in user. There are 2 levels of drill down functionality for this chart.



1.1) First level of drill down functionality for Work Order by Locations

Clicking on any **Blue** location bar shows the detail list with all work orders associated with that location. There is also has search functionality and the ability to export data based on filters.

Work Orders By Locations			
Location Name	Location Type	Facility Name	Work Order Number
DISTRIBUTION CENTER	Building	NDC	228
Work Order Number	Description	Work Started Date	Activation Date
20210512962	punch list work order front hallway paint needs fixed	05/12/2021	05/12/2021
20210604524	punch list trim ring and floor hole not installed	06/04/2021	06/04/2021
20210604525	punch list item outlets in conference room table not working	06/04/2021	06/04/2021
20210608016	PUNCH LIST ASSOCIATE ENTRANCE VESTIBULE POWER OUTLETS NOT PRETTY	06/08/2021	06/08/2021
20210608017	PUNCH LIST SECOND SET OF DOORS FROM VESTIBULE TO BUILDING ARE NOT LINED UP	06/08/2021	06/08/2021
20210608018	PUNCH LIST NEW LOCKER ROOM CORNER DAMAGE ON SOUTH ENTRY	06/08/2021	06/08/2021
20210608019	PUNCH LIST NEW LOCKER ROOM DRYWALL DAMAGE A	06/08/2021	06/08/2021
20210608020	PUNCH LIST NEW LOCKER ROOM DRYWALL DAMAGE B	06/08/2021	06/08/2021
20210608021	PUNCH LIST ASSOCIATE ENTRANCE EAST WALL (DK BLUE) WHITE PAINT DRIP	06/08/2021	06/08/2021
20210608022	PUNCH LIST ASSOCIATE ENTRANCE EAST WALL DAMAGE	06/08/2021	06/08/2021
Total Work Orders : 228			
Close			

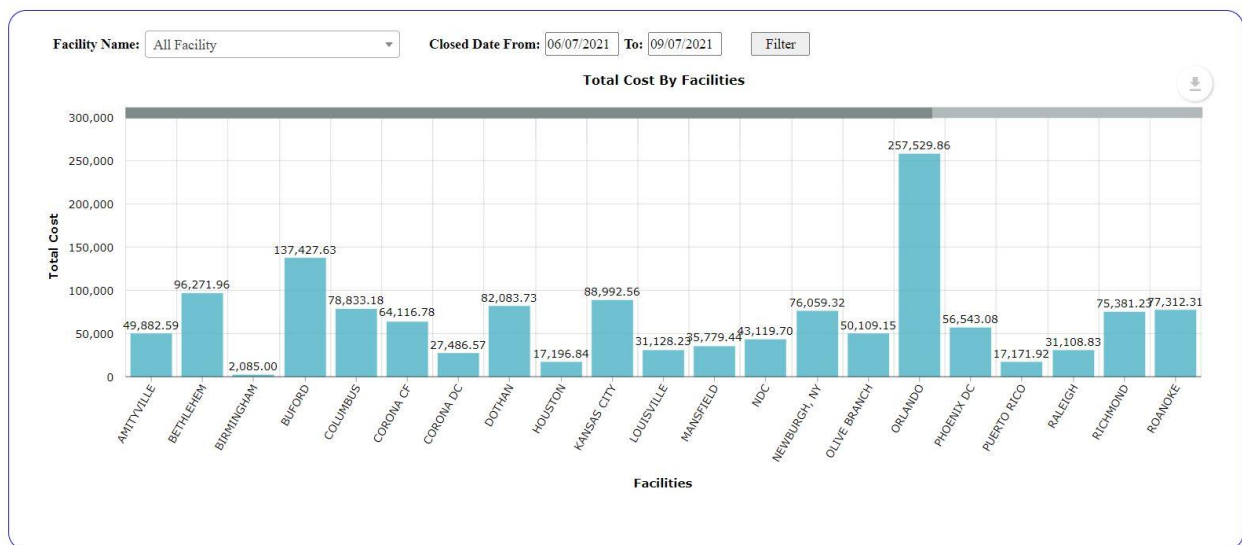
1.2) Second level of drill down functionality for Work Orders by Locations

While viewing Level 1 drill down, double clicking on the list of work orders will open another pop up with all the task details associated with that particular work order. It also has search functionality with the ability to export data based on filters.

Task List By WorkOrders													
Completion Date	Contractor Name	Task Number	Description	Labor Craft Code	Employee Name	Regular Time	Overtime 1	Overtime 2	Hours at Rate 4	Hours at Rate 5	Sequence	Estimated Hours	From Date
		YAW's_AN	1. Ensure that all equipment lock-out and safety practices (including confined space entry procedures where applicable) are followed. 2. Removable air flow sensor: Detach Hi and low signal tubing between sensor and controls at the tee connections. Undo latches holding sensor in unit and remove sensor. Clean sensor by blowing compressed air through both High and Low signal tubing. Wipe off any foreign particles with a clean rag. Reinstall sensor into unit ensuring that it is in the correct orientation and fasten latches to securely hold sensor in unit. 3. Command the damper to the full closed position and verify that	HVAC	Manish B	0.00	0.00	0.00	0.00	0.00	1	1.25	08/03/2021
Total Task : 1													

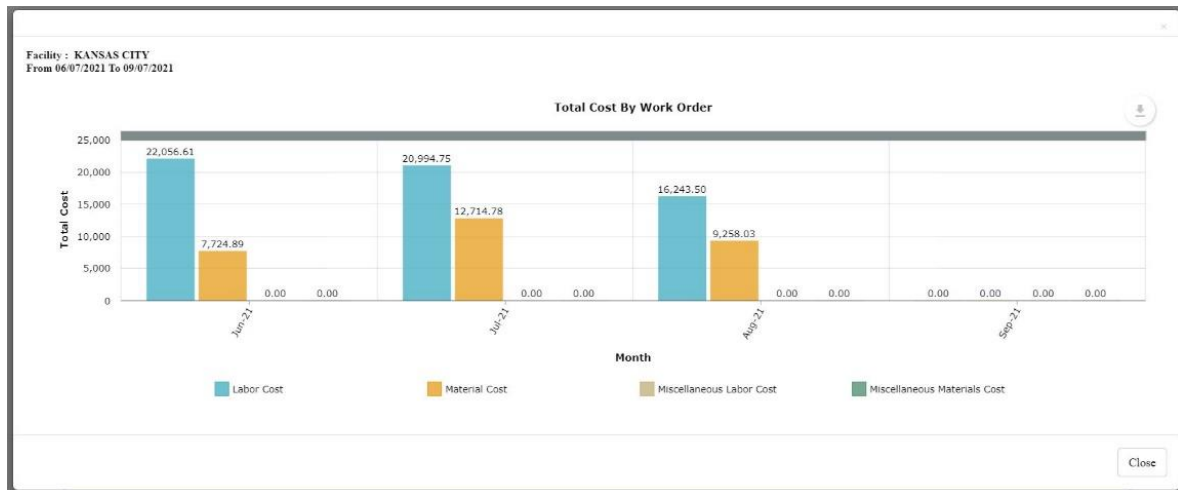
Total Costs by Facility

This chart shows the total cost (Labor Cost + Material Cost + Miscellaneous Labor Cost + Miscellaneous Materials Cost) of all work orders by facility. When the user selects a specific facility, the total costs will reflect the work orders performed in that facility. There is a drill down function available to see the total cost associated with a particular facility.



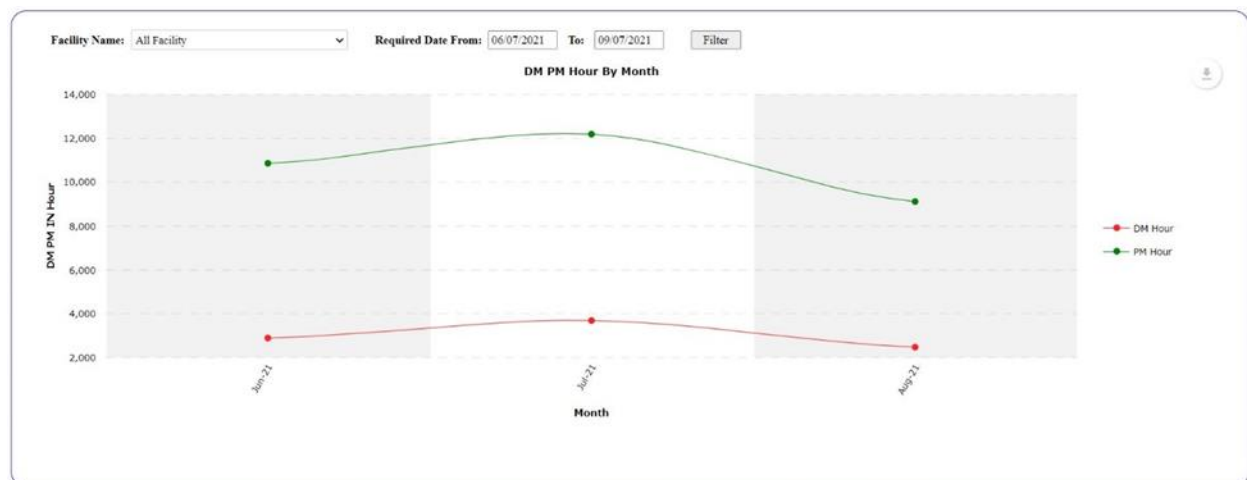
2.1 Total Cost by Work Order

Clicking on a facility bar will show another graph illustrating the work order costs broken down by labor cost, material cost, miscellaneous labor cost and miscellaneous material cost.



DM PM Hour by Month

This chart shows the total hours spent on DM (Demand Maintenance) and PM (Preventive Maintenance) Work Orders by month. On the right side of the window, you can show and hide data lines by clicking on the data icons.



Root Cause Failure Graph

The above chart shows the Total Hours spent on work orders by Cause Types. There is also a drill down function available by clicking on the bars.



4.1) Closed Work Order Cause

If you click on a Cause bar, it shows the detail list of all closed work orders associated with the input cause. It also has search functionality with the ability to export data based on filters.

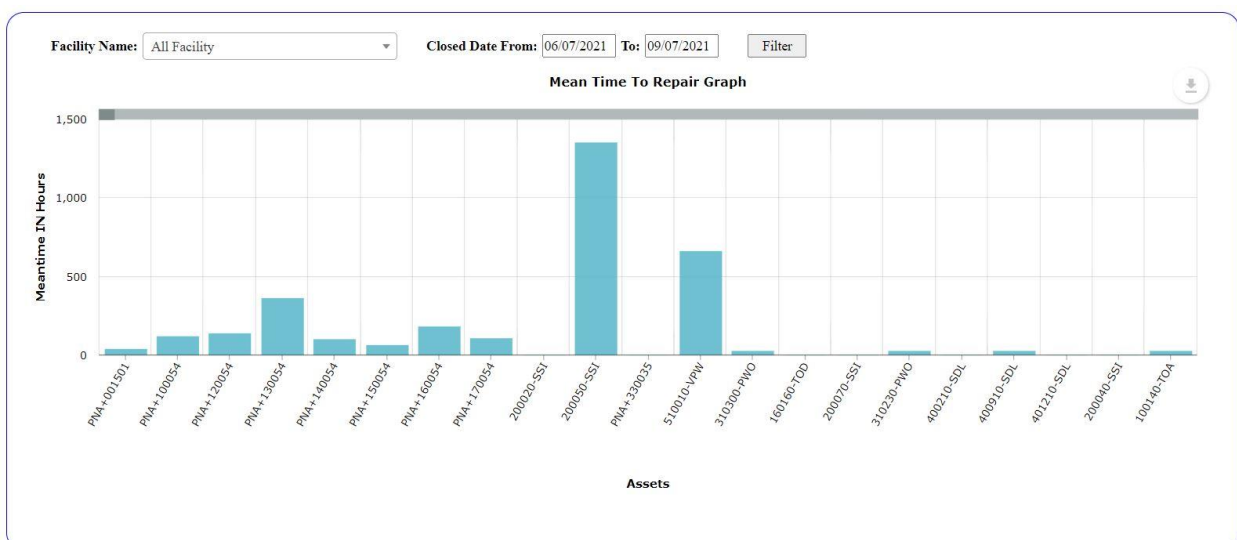
Closed Work Order Cause

Work Order Number	Description of work	Work Order Type	Asset Name	Supervisor	Completion Date	Cause Number
20210830048	TEST WO TEST WO	Demand/Maintenance			08/30/2021	Electrical Surge
20210831007	fsafsd	Demand/Maintenance			08/31/2021	Electrical Surge
20210907011	WOZM-09	Demand/Maintenance	QA Test-0009		09/07/2021	Electrical Surge

Total Closed Workorder : 3

Mean Time to Repair Graph

This chart shows the total hours spent on DM (Demand Maintenance) Work Orders to repair Assets. There is also a Drill Down function available that shows Closed Work Orders.



5.1) Mean Time to Repair Drill Down

Clicking on an Asset bar will show the details of all Closed Work Orders associated with the selected Asset. The grid also has search functionality with the ability to export data based on filters.

CLOSED WORK ORDER						
Work Order Number	Description	Work Order Type	Asset Name	Completion Date	Actual Downtime in Hours	Activation Date
20210522038	Transnorm 200050 repair investigation/completion	DemandMaintenance	200050-SSI	07/17/2021	0.0000	05/22/2021

Total Closed Workorder : 1

Close

Mean Time between Failures Graph

This KPI chart shows the total number of hours between Asset failures in relation to their Closed DM (Demand Maintenance) Work Orders. MTBF is the average amount of consecutive time difference between Work Order, Activation Dates or Service Request creation dates and the Work Order completion date, OR just the Actual Downtime as recorded (if present). There is also drill down functionality by clicking on the bars.



6.1) Closed Work Order List— If you click on an Asset bar, it shows details of all closed work order associated with the selected asset. The grid also has search functionality and the ability to export data based on filters.

Work Order Number	Description of work	Work Order Type	Asset Name	Completion Date	Actual Downtime	Activation Date
20180416030		DemandMaintenance	Bottle washer	06/18/2018	0.00	04/16/2018
20181108002	Test Inspection	DemandMaintenance	Bottle washer	02/01/2019	0.00	11/08/2018
20181108001	Spanish Test 2	DemandMaintenance	Bottle washer	11/28/2018	0.00	11/08/2018

Total Closed Workorder : 3

Close

DM PM Total Costs by Month

This KPI graph shows the total amount of PM (Preventative Maintenance) Labor Cost, PM Material Cost, PM Total Cost, DM (Demand Maintenance) Labor Cost, DM Material Cost, DM Total Cost, PM Contractor Total Cost and DM Contractor Total Cost by month. On the right side of the window, you can select/deselect data rays to compare the data you need.

