



Proteus
MMX
Standard
Reports

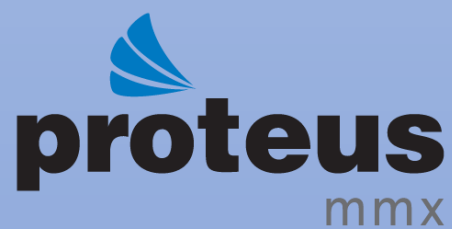


Table of Contents

| | |
|---|-----------|
| Standard Reports..... | 3 |
| Assets | 3 |
| Asset Cost History..... | 3 |
| Asset Location | 4 |
| Asset Runtime | 4 |
| Asset | 4 |
| Asset Subassemblies | 5 |
| Asset Warranty..... | 5 |
| Mean Time Between Failure | 6 |
| Mean Time to Repair..... | 6 |
| Bill Of Materials..... | 7 |
| Downtime By Cause | 8 |
| Out of Service | 9 |
| Work Order Asset..... | 10 |
| Work Orders Master Assets | 11 |
| YTD and LTD Asset Cost..... | 12 |
| Company..... | 13 |
| Audit Trail | 13 |
| Cost Center Purchases..... | 14 |
| Customer Contact..... | 15 |
| Inventory | 15 |
| Inventory Location with Cost..... | 15 |
| Inventory Purchase by Part Number | 16 |
| Physical Inventory Worksheet | 16 |
| Stockroom Parts | 17 |
| Price List by Part Number..... | 17 |
| Reorder List..... | 18 |
| Transaction History | 18 |
| Labor | 19 |
| Employees..... | 19 |
| Closed Work Order Labor Cost by Employee | 19 |
| Labor Crafts | 20 |
| Work Order Estimated Time by Employee | 21 |

| | |
|---|----|
| Closed Work Order Labor by Employee..... | 22 |
| Providers..... | 23 |
| Contractors | 23 |
| Vendors..... | 24 |
| Vendor Stockroom Parts | 24 |
| Purchasing | 25 |
| Blanket Purchase Orders..... | 25 |
| Purchasing History..... | 25 |
| Purchase Orders by Vendor | 26 |
| Past Due Purchase Orders..... | 26 |
| Requisitions | 27 |
| Receiving History | 28 |
| Work Orders | 28 |
| Closed Work Order Actual Hours by Employee..... | 28 |
| Closed Work Orders | 29 |
| Closed Work Order by Month..... | 30 |
| Overdue | 30 |
| Cancelled Work Orders | 31 |
| Tasks | 32 |
| Closed Work Order Parts Total Cost | 33 |
| Work Order Cost History | 33 |
| Closed Work Order Labor Cost by Asset..... | 34 |
| Closed Work Order Material Cost by Asset | 34 |
| Forms | 35 |
| Work Order Masters | 35 |
| Work Orders | 35 |

Standard Reports

Assets

Asset Cost History

This KPI shows a summary of the repair costs on assets.

Asset Cost History

11/16/2021

| | | | |
|---------------------|----------------------------|-------------------|-------------------------------------|
| Asset Number | MLK_GroundFL_MechRm0039_DX | Asset Name | Dedicated Outside Air Sytems (DOAS) |
| Closed Date | Maintenance Type | Labor Cost | Materials Cost |
| 02/01/2019 | PreventiveMaintenance | 0.00 USD | 0.00 USD |
| 09/12/2019 | PreventiveMaintenance | 0.00 USD | 0.00 USD |
| 09/24/2019 | DemandMaintenance | 220.00 USD | 105.00 USD |
| 07/01/2020 | PreventiveMaintenance | 0.00 AED | 0.00 AED |
| 03/01/2021 | PreventiveMaintenance | 45.00 USD | 0.00 USD |

| | | | |
|---------------------|-----------------------------|-------------------|-------------------------------------|
| Asset Number | MLK_GroundFL_WaterRm0059_Di | Asset Name | Dedicated Outside Air Sytems (DOAS) |
| Closed Date | Maintenance Type | Labor Cost | Materials Cost |
| 06/18/2018 | PreventiveMaintenance | 0.00 AED | 15.18 AED |
| 02/01/2019 | PreventiveMaintenance | 0.00 USD | 0.00 USD |
| 09/12/2019 | PreventiveMaintenance | 0.00 USD | 0.00 USD |
| 07/01/2020 | PreventiveMaintenance | 0.00 AED | 0.00 AED |

| | | | |
|---------------------|----------------------------|-------------------|-------------------------------------|
| Asset Number | MLK_GroundFL_MechRm0056_DX | Asset Name | Dedicated Outside Air Sytems (DOAS) |
| Closed Date | Maintenance Type | Labor Cost | Materials Cost |
| 06/18/2018 | PreventiveMaintenance | 0.00 AED | 0.00 AED |
| 02/01/2019 | PreventiveMaintenance | 0.00 USD | 0.00 USD |
| 09/12/2019 | PreventiveMaintenance | 0.00 USD | 0.00 USD |
| 07/01/2020 | PreventiveMaintenance | 0.00 AED | 0.00 AED |

| | | | |
|---------------------|----------------------------|-------------------|----------------------------------|
| Asset Number | MLK_GroundFL_MechRm0055_VF | Asset Name | Variable Frequency Drives (VFDs) |
| Closed Date | Maintenance Type | Labor Cost | Materials Cost |
| 08/06/2020 | DemandMaintenance | 3,460.00 AED | 14,311.00 AED |

| | | | |
|---------------------|----------------------------|-------------------|----------------------------------|
| Asset Number | MLK_GroundFL_Room 0058_VFD | Asset Name | Variable Frequency Drives (VFDs) |
|---------------------|----------------------------|-------------------|----------------------------------|

Asset Location

In this view, the locations of all assets are shown.

| Asset Location | | | |
|--|--------------------------------|--------------|--|
| 01/04/2022 | | | |
| Facility | Mirvish Village | | |
| Asset Number | Asset Name | Manufacturer | Location |
| MLK_GroundFL_NSTA R Vault_EF-3_03 MLK_BMS_01 | Exhaust Fans (EFs) BMS TEST | Greenheck | Mirvish Village Office Tower Mirvish Village Office Tower |
| MLK_Fire Protection_01 MLK_Fire Alarm_01 | Fire Protection Fire Alarm | | Mirvish Village Office Tower Mirvish Village Office Tower |
| AS3107 | AS3107 | hcl | Mirvish Village Office Tower Mirvish Village Office Tower |

Asset Runtime

This report shows the runtime for an asset over a certain period.

| Asset Runtime | | | | |
|--|--|---------------------------------------|-----------------|-------|
| 11/16/2021 | | | | |
| Asset Number | Asset Name | Location | Current Runtime | Units |
| MLK_GroundFL_MechR m0039_DOAS-1_01 | Dedicated Outside Air Sytems (DOAS) | Mechanical_0039 | 0.00 | |
| MLK_GroundFL_WaterR m0059_DOAS-2_02 | Dedicated Outside Air Sytems (DOAS) | Water_0059 | 0.00 | |
| MLK_GroundFL_MechR m0056_DOAS-3_03 | Dedicated Outside Air Sytems (DOAS) | Mechanical_0056 | 0.00 | |
| MLK_GroundFL_MechR m0055_VFD_P-1_09 | Variable Frequency/ Drives (VFDs) | Geothermal Mechanical Room_0055 | 0.00 | |
| MLK_GroundFL_MechR m0055_VFD_P-2_10 | Variable Frequency Drives (VFDs) | Geothermal Mechanical Room_0055 | 0.00 | |

Asset

This report shows the overall assets in a location/department.

| Assets | | | |
|--|--|------------------------------------|---------------|
| 11/16/2021 | | | |
| Asset Number | Asset Name | Location | Original Cost |
| MLK_GroundFL_MechRm0039 _DOAS-1_01 | Dedicated Outside Air Sytems (DOAS) | Mechanical_0039 | |
| MLK_GroundFL_WaterRm005 9_DOAS-2_02 | Dedicated Outside Air Sytems (DOAS) | Water_0059 | |
| MLK_GroundFL_MechRm0056 _DOAS-3_03 | Dedicated Outside Air Sytems (DOAS) | Mechanical_0056 | |
| MLK_GroundFL_MechRm0055 _VFD_P-1_09 | Variable Frequency/ Drives (VFDs) | Geothermal Mechanical Room_0055 | |
| MLK_GroundFL_MechRm0055 _VFD_P-2_10 | Variable Frequency Drives (VFDs) | Geothermal Mechanical Room_0055 | |

Asset Subassemblies

This report shows the parts per asset.

Asset Subassembly

11/16/2021

| Asset Number | AHU-201 | Asset Name | Air Handling Unit 201 |
|----------------------------|----------------------------|------------|-----------------------|
| Part Number | Part Name | | |
| 7REPRO UHMW BLACK | CUT IN 3" STRIPS | | |
| Asset Number | AHU-097 | Asset Name | Air Handling Unit 97 |
| Part Number | Part Name | | |
| !660-G | SWITCH, LIGHT, SINGLE POLE | | |
| Asset Number | BOT-CAP-001 | Asset Name | Bottle Capper |
| Part Number | Part Name | | |
| 000067 | TIP, WELDING Bearing | | |
| Asset Number | ass-1234 | Asset Name | Fridge |
| Part Number | Part Name | | |
| !71256-008 (SEE 820-00010) | ROLLER, 84" UPPER PINCH | | |

Asset Warranty

This report shows when the warranty on an asset will expire, details such as the asset number, asset name, the location, asset tag and manufacturer is included.

Asset Warranty

Facility : Hospital System

Location : Geothermal Mechanical Room_0055

| Warranty Date | Asset Number | Asset Name | Asset Tag | Manufacturer |
|---------------|--|-----------------------------------|-----------|--------------|
| 05/07/2018 | MLK_GroundFL_MechRm 0055_VFD_P-1_09 | Variable Frequency' Drives (VFDs) | P-1_VFD | Eaton |
| 08/01/2020 | MLK_GroundFL_MechRm 0055_VFD_P-2_10 | Variable Frequency Drives (VFDs) | P-2_VFD | Eaton |

Location : Mechanical_0039

| Warranty Date | Asset Number | Asset Name | Asset Tag | Manufacturer |
|---------------|---------------------------------------|-------------------------------------|-----------|--------------|
| 12/31/2017 | MLK_GroundFL_MechRm 0039_DOAS-1_01 | Dedicated Outside Air Sytems (DOAS) | DOAS-1 | AnnexAir |

Location : Mechanical_0056

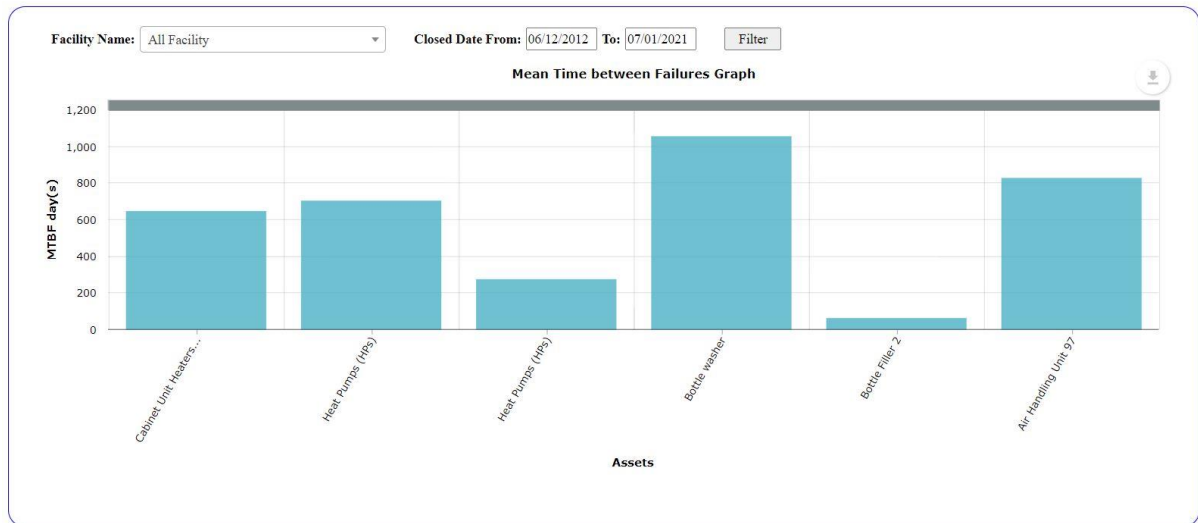
| Warranty Date | Asset Number | Asset Name | Asset Tag | Manufacturer |
|---------------|---------------------------------------|-------------------------------------|-----------|--------------|
| 06/10/2015 | MLK_GroundFL_MechRm 0056_DOAS-3_03 | Dedicated Outside Air Sytems (DOAS) | DOAS-3 | AnnexAir |

Location : Water_0059

| Warranty Date | Asset Number | Asset Name | Asset Tag | Manufacturer |
|---------------|--|-------------------------------------|-----------|--------------|
| 12/31/2017 | MLK_GroundFL_WaterR m0059_DOAS-2_02 | Dedicated Outside Air Sytems (DOAS) | DOAS-2 | AnnexAir |

Mean Time Between Failure

This KPI is used to metric to measure performance, safety, and equipment design.



Mean Time to Repair

This KPI shows the average time needed to determine the cause of and fix failed equipment. It shows how quickly the maintenance team can respond to and repair unplanned breakdowns.



Bill Of Materials

This report consists of a selection drop-down and read-only list of parts data that work orders can integrate to track what is needed for a job before it is started.

Bill Of Materials

11/16/2021

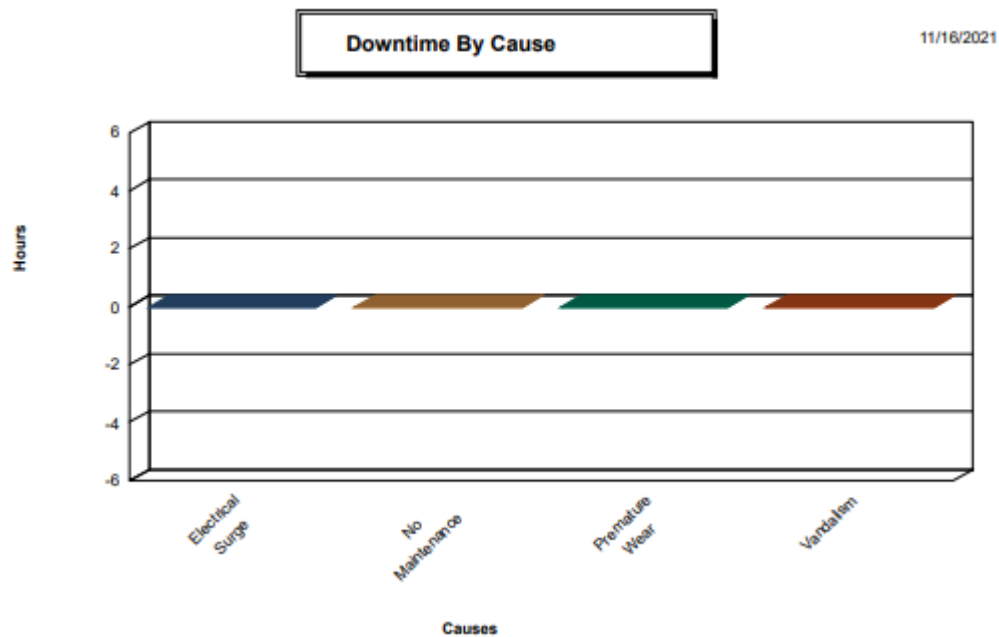
| Bill Of Materials | Chiller BOM | Description | Parts for Chiller |
|-------------------|-------------|-------------|-------------------|
| Assets | 7 | Parts | 5 |

| Asset Number | Asset Name |
|--------------------|------------------------|
| MLK_Roof_Inv-17_17 | Photovoltaic Inverters |
| BOT-WASH-001 | Bottle washer |
| BOT-FILL-001 | Bottle Filler |
| BOT-FILL-002 | Bottle Filler 2 |
| LIGHT-002 | LED PARKING LOT LIGHT |
| BOIL-001 | McLain Boiler |
| 1085 | Product Transfer Pump |

| Part Number | Part Name |
|---------------|-------------------------------------|
| 026 17329 004 | CS156 LP & VIV Wheel and Housing |
| GR-SB8 | Duplex Receptacle Wall Plate, Brass |
| B234875234523 | Widget |
| 98079-55846 | Spark Plug |
| 0303 1284 | Machine part |

Downtime By Cause

This report shows the causes of asset downtime, the work order number allocated and the actual downtime time.



| Causes | | | | Electrical Surge |
|--------------|-------------------|-----------------|-----------------|------------------|
| Asset Number | Work Order Number | Completion Date | Actual Downtime | |
| | 20180425005 | 04/25/2018 | 0.00 | |
| | 20180425001 | 04/25/2018 | 0.00 | |
| | | | <hr/> | |
| | | | 0.00 | |

| Causes | | | | No Maintenance |
|-----------------|-------------------|-----------------|-----------------|----------------|
| Asset Number | Work Order Number | Completion Date | Actual Downtime | |
| | 20171116002 | 06/18/2018 | 0.00 | |
| LOAN-HEATER-002 | 20180612003 | 06/13/2018 | 0.00 | |
| | | | <hr/> | |
| | | | 0.00 | |

| Causes | | | | Premature Wear |
|--------------|-------------------|-----------------|-----------------|----------------|
| Asset Number | Work Order Number | Completion Date | Actual Downtime | |
| | 20180424001 | 06/18/2018 | 0.00 | |
| | | | <hr/> | |
| | | | 0.00 | |

Out of Service

This report shows the assets that are out of service over a certain period.

Out Of service

11/16/2021

| Asset Number | Asset Name | Out Of Service Date | Out Of Service User Name |
|---------------------------------|----------------------------------|---------------------|--------------------------|
| MLK_GroundFL_MechRm05613000 | Diside DOAS Air Sytems (DOAS) | 10/01/2020 | adel |
| MLK_GroundFL_Garage_VFD05613000 | Variable Frequency Drives (VFDs) | 08/05/2021 | digital |
| MLK_3rdFL_Room 3009_VFD05613000 | Variable Frequency Drives (VFDs) | 10/19/2020 | Administrator |
| MLK_Ground FL_Room 0001 | Plant Room (H009) | 08/25/2021 | Administrator |
| SECURITY GATE 001 | Employee Lot Security Gate | 10/06/2021 | Administrator |

Work Order Asset

This report shows an overview of all work orders allocated to the specific asset.

Work Order Asset

11/16/2021

| | | | |
|---------------------|------------------------------|----------------------|-----------------|
| Asset Name | Dedicated Outside Air Sytems | Location Name | Mechanical_0039 |
| Asset Number | MLK_GroundFL_MechRm0039_D | Facility Name | Hospital System |
| Description | Dedicated Outside Air Sytems | | |

| | |
|--------------------------|--------------------|
| Work Order Number | Description |
| 20210531001 | |
| 20210830001 | |

| | | | |
|---------------------|----------------------------------|----------------------|---------------------------------|
| Asset Name | Variable Frequency Drives (VFDs) | Location Name | Geothermal Mechanical Room_0055 |
| Asset Number | MLK_GroundFL_MechRm0055_VF | Facility Name | Hospital System |
| Description | Variable Frequency Drives | | |

| | |
|--------------------------|--------------------|
| Work Order Number | Description |
| 20210201156 | |
| 20210301158 | |
| 20210607159 | |
| 20210705151 | |
| 20210802160 | |
| 20210907157 | |

| | | | |
|---------------------|-----------------------------------|----------------------|---------------------------------|
| Asset Name | Variable Frequency' Drives (VFDs) | Location Name | Geothermal Mechanical Room_0055 |
| Asset Number | MLK_GroundFL_MechRm0055_VF | Facility Name | Hospital System |
| Description | Variable Frequency Drives | | |

| | |
|--------------------------|--------------------|
| Work Order Number | Description |
| 20210201155 | |
| 20210301157 | |
| 20210607158 | |
| 20210705150 | maintain VFDs |
| 20210802159 | |
| 20210907156 | |

Work Orders Master Assets

This report shows an overview of all work order masters allocated to the specific asset.

Work Order Master Asset

11/16/2021

| Asset Number | MLK_GroundFL_MechRm 0000 DOAS 4 04 | Asset Name | Dedicated Outside Air Sytems (DOAS) |
|--------------|---------------------------------------|------------|--|
|--------------|---------------------------------------|------------|--|

Job Number **Description**

Dedicated Outside Air Systems (DOAS)_Preventative
Maintenance

| Asset Number | MLK_GroundFL_WaterR 0000 DOAS 3 03 | Asset Name | Dedicated Outside Air Sytems (DOAS) |
|--------------|---------------------------------------|------------|--|
|--------------|---------------------------------------|------------|--|

Job Number **Description**

Dedicated Outside Air Systems (DOAS)_Preventative
Maintenance

| Asset Number | MLK_GroundFL_MechRm 0000 DOAS 3 03 | Asset Name | Dedicated Outside Air Sytems (DOAS) |
|--------------|---------------------------------------|------------|--|
|--------------|---------------------------------------|------------|--|

Job Number **Description**

Dedicated Outside Air Systems (DOAS)_Preventative
Maintenance

| Asset Number | MLK_GroundFL_MechRm 0000 VFD 0 4 00 | Asset Name | Variable Frequency' Drives (VFDs) |
|--------------|--|------------|-----------------------------------|
|--------------|--|------------|-----------------------------------|

Job Number **Description**

Variable Frequency Drives (VFDs)_Preventative
Maintenance

| Asset Number | MLK_GroundFL_MechRm 0000 VFD 0 3 00 | Asset Name | Variable Frequency Drives (VFDs) |
|--------------|--|------------|----------------------------------|
|--------------|--|------------|----------------------------------|

Job Number **Description**

Variable Frequency Drives (VFDs)_Preventative
Maintenance

YTD and LTD Asset Cost

This report shows the Year to date vs. the life to date costs of an asset.

YTD and LTD Asset Cost

11/16/2021

| Asset Number | MLK_GroundFL_MechRm0039_ | Asset Name | Dedicated Outside Air Sytems (DOAS) |
|----------------------|--------------------------|------------|-------------------------------------|
| Maintenance Type | DemandMaintenance | | |
| | Labor | Materials | Total |
| Life To Date | 220.00 | 105.00 | 325.00 |
| Maintenance Type | PreventiveMaintenance | | |
| | Labor | Materials | Total |
| Year to Date | 45.00 | 0.00 | 45.00 |
| Life To Date | 45.00 | 0.00 | 45.00 |
| | | | |
| | Labor | Materials | Total |
| Year To Date Total | 45.00 | 0.00 | 45.00 |
| Life To Date Totals: | 265.00 | 105.00 | 370.00 |
| Asset Number | MLK_GroundFL_MechRm0055_ | Asset Name | Variable Frequency' Drives (VFDs) |
| Maintenance Type | DemandMaintenance | | |
| | Labor | Materials | Total |
| Life To Date | 3,460.00 | 14,311.00 | 17,771.00 |
| | | | |
| | Labor | Materials | Total |
| Year To Date Total | 0.00 | 0.00 | 0.00 |
| Life To Date Totals: | 3,460.00 | 14,311.00 | 17,771.00 |

Company

Audit Trail

An optional ability which allows any/all input or changes within Proteus to be visible in the Audit Trail window. The data can then be exported to a spreadsheet.

| Audit Trail | | 11/16/2021 @ 4:53:59AM | |
|--------------------|---|------------------------|---------------|
| Modified Timestamp | 10/31/2017 9:09:11PM | Business Object Type | DatabaseForms |
| Audit Trail Action | Modified | Field Name | FieldWidth |
| Modified User Name | | | |
| Unique Identifier | TableID = '122' | | |
| Old Value | | | |
| New Value | 1158=150,1161=150 | | |
| Modified Timestamp | 10/31/2017 9:09:12PM | Business Object Type | DatabaseForms |
| Audit Trail Action | Modified | Field Name | FieldWidth |
| Modified User Name | | | |
| Unique Identifier | TableID = '145' | | |
| Old Value | | | |
| New Value | 1404=150,1338=150,1407=150,728=150,1430=150,1050=150,473=150,694=150,40=150,1088=150,607=150,1376=150,1366=150,1379=150 | | |
| Modified Timestamp | 10/31/2017 9:48:27PM | Business Object Type | DatabaseForms |
| Audit Trail Action | Modified | Field Name | FieldWidth |
| Modified User Name | | | |
| Unique Identifier | TableID = '4' | | |
| Old Value | | | |
| New Value | 113=150,128=150,129=150,132=150,136=150,135=150,133=150,492=150,483=150,301=150,1075=150 | | |

Cost Center Purchases

This report shows a summary of all purchases made toward a cost center.

Cost Center Purchase

11/16/2021

| Cost Center | | 45-FLD-Cost | |
|----------------|---------------------|-----------------------|----------------------|
| Account Number | Purchase Order Date | Purchase Order Number | Grand Total |
| | 06/03/2020 | 2020603-001 | 149.80 USD |
| | 04/26/2021 | PO8383 | 11,690.00 USD |
| | 11/10/2021 | 7165589 | 35.00 USD |
| | | Account Number | Subtotal |
| | | | 11,874.80 USD |
| HDFC | 06/24/2021 | 9876986987687786 | 7,720.03 USD |
| HDFC | 06/25/2021 | 12345678910 | 0.00 USD |
| HDFC | 09/16/2021 | 4500 | 1,537.40 USD |
| HDFC | | MM55555555 | 2,601.00 USD |
| | | Account Number | Subtotal |
| | | | 11,858.43 USD |
| | | Cost Center | Subtotal |
| | | | 23,733.23 USD |
| Cost Center | | Museum Security | |
| Account Number | Purchase Order Date | Purchase Order Number | Grand Total |
| | 09/17/2019 | 0011 | 101.00 USD |
| | | Account Number | Subtotal |
| | | | 101.00 USD |
| | | Cost Center | Subtotal |
| | | | 101.00 USD |
| | | Grand Total | 23,834.23 USD |

Customer Contact

This report includes all information on a customer.

Customer Contact

11/16/2021

| Customer Number | Customer Name | Location |
|-------------------|----------------------|------------------|
| 55597878878879879 | Ben's Cheese Popcorn | Southfarthington |
| Contact Name | Address 1 | |
| Jed | | |

Inventory

Inventory Location with Cost

This report shows the inventory that has been purchased towards a location.

| INVENTORY LOCATION WITH COST REPORT | | | | | | | | | |
|-------------------------------------|---------------|-------------|------------------|------------------|---------------|------------------|----------|--------------|--------------------------|
| Version: 01.26.18-B | | | | | | | | | |
| 2021/11/16 @ 4:57:58AM | | | | | | | | | |
| Facility Eagle Corporate Offices | | | | | | | | | \$402.40 |
| Stockroom Warehouse | | | | | | | | | \$402.40 |
| Shelf/Bin | Part Number | Description | Quantity On Hand | Maximum Quantity | Reorder Point | Unit Cost Amount | Total | Manufacturer | Manufacturer Part Number |
| G-42 | 028 17329 004 | | 0 | 6 | 2 | \$83.20 | \$0.00 | AnnexAir | |
| SH16K01 | GR-SB8 | | 51 | | | \$7.89 | \$402.40 | | |
| | | | | | | | \$402.40 | | |
| Facility My Factory | | | | | | | | | \$200.00 |
| Stockroom Manufacturing Maintenance | | | | | | | | | \$200.00 |
| Shelf/Bin | Part Number | Description | Quantity On Hand | Maximum Quantity | Reorder Point | Unit Cost Amount | Total | Manufacturer | Manufacturer Part Number |
| G-42 | 028 17329 004 | | 80 | 22 | 5 | \$2.50 | \$200.00 | AnnexAir | |
| | | | | | | | \$200.00 | | |

Inventory Purchase by Part Number

This report shows all inventory purchased towards a part number.

Inventory Purchase By Part Number

11/16/2021

| | | | | | |
|--------------------------------------|------------------------------|----------------------|--------------------------|------------------|-------------------|
| Part Name BUMPER/GRIPPER PADS | | | | | |
| Part Number 9540K61 | | | | | |
| Vendor Name | Purchase Order Number | Received Date | Quantity Received | Unit Cost | Total Cost |
| Henry Kingston | 2020603-001 | 07/31/2020 | 2 | 3.00 USD | 12.00 USD |
| Henry Kingston | 2020603-001 | 09/21/2021 | 8 | 3.00 USD | 48.00 USD |
| | | | | | 60.00 USD |
| | | | | | 60.00 USD |

| | | | | | |
|--|------------------------------|----------------------|--------------------------|------------------|-------------------|
| Part Name Duplex Receptacle Wall Plate, Brass | | | | | |
| Part Number GR-SB8 | | | | | |
| Vendor Name | Purchase Order Number | Received Date | Quantity Received | Unit Cost | Total Cost |
| Sams HVAC and Plumbing Service | SO-ZZwer-7092709 | 09/21/2021 | 5 | 10.00 USD | 100.00 USD |
| | | | | | 100.00 USD |
| | | | | | 100.00 USD |

Physical Inventory Worksheet

This report shows all inventory data.

Physical Inventory Worksheet

11/16/2021

| | | | |
|-------------------------------------|-------------------------------------|------------------|-------------------------|
| Next Physical Inventory Date | | | |
| Stockroom | Warehouse | Location | Mechanical Room |
| Part Number | Part Name | Shelf/Bin | Quantity On Hand |
| GR-SB8 | Duplex Receptacle Wall Plate, Brass | SH16K01 | 51 |
| B234875234523 | Widget | | 0 |
| Next Physical Inventory Date | | | 10/27/2018 |

| | | | |
|--------------------|----------------------------------|------------------|-------------------------|
| Stockroom | Warehouse | Location | Mechanical Room |
| Part Number | Part Name | Shelf/Bin | Quantity On Hand |
| 026 17329 004 | CS156 LP & VIV Wheel and Housing | G-42 | 0 |

Stockroom Parts

This report shows all Stockroom Parts.

| Stockroom Part Report | | | 11/16/2021 |
|-----------------------|-------------------------------------|---------------------------|------------|
| Stockroom | | Manufacturing Maintenance | |
| Part Number | Part Name | Quantity On Hand | |
| 026 17329 004 | CS156 LP & VIV Wheel and Housing | 80 | |
| Stockroom | | Warehouse | |
| Part Number | Part Name | Quantity On Hand | |
| 026 17329 004 | CS156 LP & VIV Wheel and Housing | 0 | |
| GR-SB8 | Duplex Receptacle Wall Plate, Brass | 51 | |
| B234875234523 | Widget | 0 | |

Price List by Part Number

This report shows Price List by Part Number.

| Price List By Part Number | | | | | 11/16/2021 |
|---------------------------|---------------|-------------------------------------|--------------------|-----------|------------|
| Part Number | 026 17329 004 | CS156 LP & VIV Wheel and Housing | | | |
| Stockroom | Vendor Code | Vendor Name | Vendor Part Number | Last Cost | |
| Warehouse | III-North | Sams HVAC and Plumbing Service | | 12.00 USD | |
| Manufacturing Maintenance | CDG-01 | Vendor Chandigarh | x3465838 | | |
| Manufacturing Maintenance | III-North | Sams HVAC and Plumbing Service | h9832874982 | | |
| Part Number | GR-SB8 | Duplex Receptacle Wall Plate, Brass | | | |
| Stockroom | Vendor Code | Vendor Name | Vendor Part Number | Last Cost | |
| Warehouse | III-North | Sams HVAC and Plumbing Service | | 10.00 USD | |
| Warehouse | CDG-01 | Vendor Chandigarh | xyz02773 | | |

Reorder List

This report shows the parts that needs to be reordered for an asset.

Reorder List

11/16/2021

| | | | |
|----------------------------|---------------------------|-------------------------|----------------------|
| Part Number | Stockroom | Quantity On Hand | Reorder Point |
| !21256-008 (SEE 820-00010) | JULY29072020 | 22 | 122 |
| Part Name | Quantity Available | | |
| ROLLER, 84" UPPER PINCH | -58.00 | | |

Transaction History

This report shows the transaction details of stockroom parts.

2021.08.25-A

16/11/2021 @ 5:08:25AM

Transaction History Report

| Add | | | | | | | | |
|-----------------|--------------------|---------------|----------------------------------|------|-----------|------------|--------------------|---------------|
| Date | Transaction Number | Part Number | Part Name | Qty. | Unit Cost | Total Cost | Transaction Reason | Perform By |
| 12/07/2017 | 20171207001 | 026 17329 004 | CS156 LP & VIV Wheel and Housing | 5 | \$0.00 | \$0.00 | | Administrator |
| 04/18/2018 | 20180418001 | 026 17329 004 | CS156 LP & VIV Wheel and Housing | 2 | \$15.18 | \$30.36 | Select | Harryk |
| Total: \$30.36 | | | | | | | | |
| Replace | | | | | | | | |
| Date | Transaction Number | Part Number | Part Name | Qty. | Unit Cost | Total Cost | Transaction Reason | Perform By |
| 12/07/2017 | 20171207002 | 026 17329 004 | CS156 LP & VIV Wheel and Housing | 5 | \$6.25 | \$31.25 | | Administrator |
| 04/30/2018 | 20180430001 | 026 17329 004 | CS156 LP & VIV Wheel and Housing | 7 | \$15.18 | \$106.26 | Select | Harryk |
| Total: \$137.51 | | | | | | | | |
| Subtract | | | | | | | | |
| Date | Transaction Number | Part Number | Part Name | Qty. | Unit Cost | Total Cost | Transaction Reason | Perform By |
| 05/30/2018 | 20180530001 | 026 17329 004 | CS156 LP & VIV Wheel and Housing | 1 | \$31.77 | \$31.77 | | Administrator |
| Total: \$31.77 | | | | | | | | |

Labor

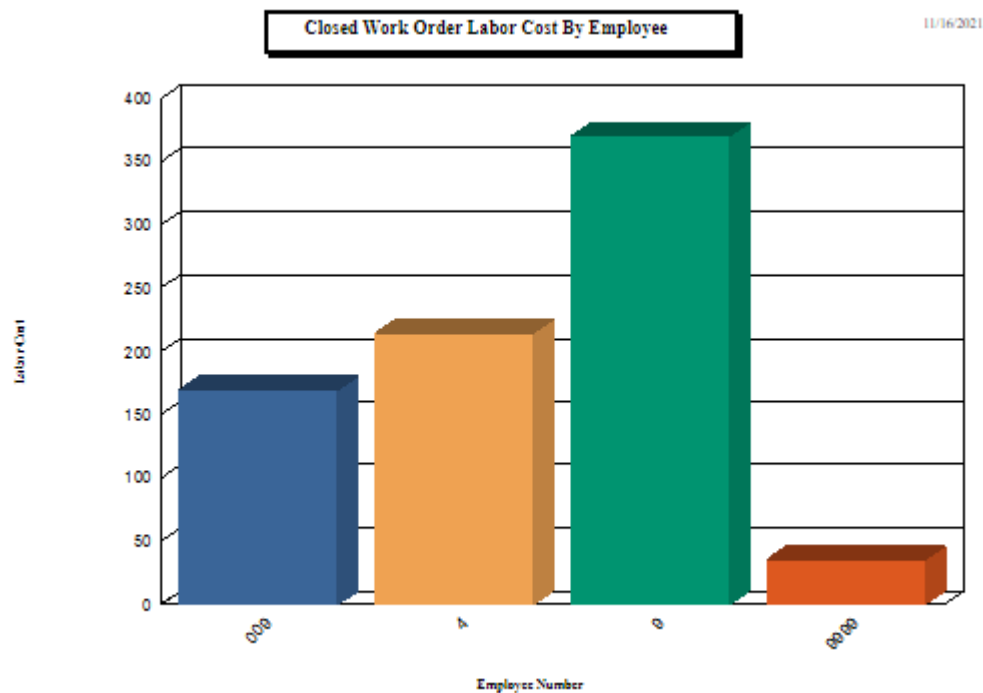
Employees

This report gives a breakdown of all employees in a department and what they are responsible for.

| Employee | | | |
|-----------------|--------------------|--------------------|------------|
| Employee Number | Employee Name | Labor Craft | Department |
| 1 | Joe Lombardo | Plumbing | |
| 1 | Joe Lombardo | On Site Technician | |
| 2 | Sergio "Serg" Pace | HVAC | |
| 2 | Sergio "Serg" Pace | Electrical | |
| 3 | Ron Heim | Plumbing | |
| 3 | Ron Heim | Mechanical | |
| 4 | Ben Tavares | Plumbing | |
| 4 | Ben Tavares | Facilities | |
| 4 | Ben Tavares | Management | |
| 4 | Ben Tavares | HVAC | |
| 5 | Frank Geary | Facilities | |
| 5 | Frank Geary | Management | |
| 5 | Frank Geary | HVAC | |
| 6 | Vedad Konjic | Facilities | |
| 6 | Vedad Konjic | Management | |
| 6 | Vedad Konjic | On Site Technician | |

Closed Work Order Labor Cost by Employee

This report shows the closed work order labor cost associated by employee.



Labor Crafts

The labor craft report gives a breakdown of employees that are responsible for a specific maintenance task.

| |
|-------------------------|
| Labor Craft Code |
|-------------------------|

11/16/2021

| | |
|-------------------------|------------|
| Labor Craft Code | Electrical |
|-------------------------|------------|

| | |
|------------------------|----------------------|
| Employee Number | Employee Name |
| 2 | Sergio "Serg" Pace |

| | |
|-------------------------|------|
| Labor Craft Code | HVAC |
|-------------------------|------|

| | |
|------------------------|----------------------|
| Employee Number | Employee Name |
| 2 | Sergio "Serg" Pace |

| | |
|-------------------------|--------------------|
| Labor Craft Code | On Site Technician |
|-------------------------|--------------------|

| | |
|------------------------|----------------------|
| Employee Number | Employee Name |
| 1 | Joe Lombardo |

| | |
|-------------------------|----------|
| Labor Craft Code | Plumbing |
|-------------------------|----------|

| | |
|------------------------|----------------------|
| Employee Number | Employee Name |
| 1 | Joe Lombardo |

Work Order Estimated Time by Employee

This report shows the estimated time that an employee will need/spend on completing a work order.

Work Order Estimated Time By Employee

11/16/2021

| Employee Name Mike McGill | | | | |
|---------------------------|---|------------------------------------|------------|-----------------|
| Work Order Number | Description | Task Number | From Date | Estimated Hours |
| 20210201002 | Air Handling Unit 01 Weekly Cleaning | AHU_QU | 02/01/2021 | 2.25 |
| | | | | <u>2.25</u> |
| Employee Name Jean Dupont | | | | |
| Work Order Number | Description | Task Number | From Date | Estimated Hours |
| 20210201007 | Like Equipment | Boilers (Domestic Hot Water)_AN | 02/01/2021 | 5.00 |
| | | | | <u>5.00</u> |
| Employee Name Jacob Mix | | | | |
| Work Order Number | Description | Task Number | From Date | Estimated Hours |
| 20210201003 | Like Equipment | Boilers (Domestic Hot Water)_AN | 02/01/2021 | 5.00 |
| 20210201004 | Like Equipment | Boilers (Domestic Hot Water)_AN | 02/01/2021 | 5.00 |
| 20210201005 | Like Equipment | Boilers (Domestic Hot Water)_AN | 02/01/2021 | 5.00 |
| 20210201006 | Like Equipment | Boilers (Domestic Hot Water)_AN | 02/01/2021 | 5.00 |
| | | | | <u>20.00</u> |

Closed Work Order Labor by Employee

This report shows the estimated time that an employee has spent on completing a work order.

Closed Work Order Labor By Employee

11/16/2021

| | | | |
|--------------------------|---------------------|------------------------|------------------------|
| Employee Name | "Wild" Amy Yust | Employee Number | 1000001 |
| Work Order Number | Hours Worked | Description | Completion Date |
| 20200729009 | 2.50 | wo | 07/29/2020 |
| Total | 2.50 | | |
| Employee Name | Ben Tavares | Employee Number | 4 |
| Work Order Number | Hours Worked | Description | Completion Date |
| 20210119001 | 2.00 | please repair | 01/19/2021 |
| Total | 2.00 | | |
| Employee Name | Chris Daniels | Employee Number | 9 |
| Work Order Number | Hours Worked | Description | Completion Date |
| 20210129078 | 2.00 | Accident in truck lot | 01/29/2021 |
| Total | 2.00 | | |
| Employee Name | Harry Kohal | Employee Number | 9999 |
| Work Order Number | Hours Worked | Description | Completion Date |
| 20201230001 | 0.42 | Machine down | 12/30/2020 |
| Total | 0.42 | | |
| Employee Name | Steve Steadham | Employee Number | 009 |
| Work Order Number | Hours Worked | Description | Completion Date |
| 20210212083 | 2.00 | total api | 02/12/2021 |
| Total | 2.00 | | |

Providers

Contractors

This report allows you to add, modify, and delete Contractors and their information.

Contractors

11/16/2021

| | | | |
|-----------------|------|--------------|-------------------|
| Contractor Code | C-01 | Contact Name | Curbside Services |
|-----------------|------|--------------|-------------------|

Address 1 2949 SE 45th Ave.

Portland

Oregon - 97332

United States

| | | | |
|-----------------|--------|--------------|-----------------------|
| Contractor Code | H-9238 | Contact Name | REDI-HVAC Contractors |
|-----------------|--------|--------------|-----------------------|

Address 1

-

| | | | |
|-----------------|-----------|--------------|--------------------------------|
| Contractor Code | III-North | Contact Name | Sams HVAC and Plumbing Service |
|-----------------|-----------|--------------|--------------------------------|

Address 1

Vendors

This report module allows you to add, modify, and delete parts Vendors and their information.

| Vendor | | | | 11/16/2021 |
|-------------|--------------------------------|---------------|-----------------------|------------|
| Vendor Code | 30 | Contact Email | support@acme.com | |
| Vendor Name | Acme Parts | Contact Phone | +1 (414) 3224311 x | |
| Vendor Code | Ill-North | Contact Email | | |
| Vendor Name | Sams HVAC and Plumbing Service | Contact Phone | | |
| Vendor Code | FMS01 | Contact Email | HenryK@fmas.com | |
| Vendor Name | Henry Kingston | Contact Phone | + () 3115607198 x | |
| Vendor Code | CDG-01 | Contact Email | | |
| Vendor Name | Vendor Chandigarh | Contact Phone | | |
| Vendor Code | G001 | Contact Email | | |
| Vendor Name | Gaskets-R-Us | Contact Phone | | |
| Vendor Code | Ri0304861 | Contact Email | riyaza@inzerotech.com | |
| Vendor Name | RiyazVendor | Contact Phone | | |

Vendor Stockroom Parts

This report allow you to view stockroom parts by vendor.

| Vendor Stockroom Part | | | | 11/16/2021 |
|-----------------------|-------------------------------------|---------------------------|--------------------------------|------------|
| Vendor Code | CDG-01 | Vendor Name | Vendor Chandigarh | |
| Part Number | Part Name | Stockroom | Last Cost | |
| GR-SB8 | Duplex Receptacle Wall Plate, Brass | Warehouse | | |
| FILTER 8.875X24.125X1 | FK 8.875X24.125X1 | Maintenance Closet | 20.00 USD | |
| Vendor Code | Ill-North | Vendor Name | Sams HVAC and Plumbing Service | |
| Part Number | Part Name | Stockroom | Last Cost | |
| FILTER 8.875X24.125X1 | FK 8.875X24.125X1 | Maintenance Closet | 0.00 USD | |
| 98079-55846 | Spark Plug | Manufacturing Maintenance | 10.00 USD | |
| GR-SB8 | Duplex Receptacle Wall Plate, Brass | Warehouse | 10.00 USD | |
| 026 17329 004 | CS156 LP & VIV Wheel and Housing | Warehouse | 12.00 USD | |

Purchasing

Blanket Purchase Orders

Here you can create and modify global or “blanket” purchase orders. Multiple orders can then be added to one Blanket PO in Proteus.

Blanket Purchase Orders

11/16/2021

| | | | |
|-------------------------------|------------------|------------------|--------------|
| Blanket Purchase Order Number | 4500 | | |
| Agreement Amount | 4,000.00 USD | Amount Remaining | 2,462.60 USD |
| Requisition Number | Requisition Date | Cost Center | Grand Total |
| 20210916001 | 09/16/2021 | 45-FLD-Cost | 1,537.40 USD |

Purchasing History

By viewing this report, all purchase history for an asset will be available.

CLOSED PURCHASE ORDER PO9003

Version: 03.13.18-E
01/04/2022

Bill To:

| | | |
|------------------|---------------------|------------|
| Name | PO Date | 02/28/2018 |
| Address 1 | PO Originator Name | |
| City, State, Zip | PO Originator Phone | |
| Contact Name | PO Originator Email | |
| Contact Phone | | |
| ContactEmail | | |
| Cost Center | Buyer | |

Supplier Information:

Name
Address 1
City, State, Zip
Contact Name
Contact Phone
ContactEmail

Ship To:

Name
Address 1
City, State, Zip
Contact Name
Contact Phone
ContactEmail

Assets:

| # | Asset No | Asset Name | Original Cost | Install. Cost | Tax % | Total Cost |
|---|----------|------------|---------------|---------------|-------|------------|
|---|----------|------------|---------------|---------------|-------|------------|

Purchase Orders by Vendor

This report shows all purchase orders to a specific vendor. The PO, date received, asset number, and quantity is also shown.

Purchase Order By Vendor

11/16/2021

| | | | | |
|---------------------|---------------|--------------------------------|-------------------|-------------|
| Vendor Name | | Sams HVAC and Plumbing Service | | |
| | | | | |
| Requisition Number | 20190917001 | Purchase Order Number | 0011 | |
| | | | | |
| Asset Number | Received Date | Receiver Name | | |
| 123 | 01/09/2020 | Neal | | |
| | | | | |
| Part Number | Received Date | Receiver Name | Quantity Received | Balance Due |
| 98079-55846 | 01/09/2020 | Neal | 2 | 0 |
| | | | | |
| Non-Stockroom Parts | | | | |
| Part Number | Received Date | Receiver Name | Quantity Received | Balance Due |
| 13wqewe | 01/09/2020 | Neal | 1 | 0 |

Past Due Purchase Orders

This report shows all purchase orders that are past the due date.

Purchase Order Past Due

11/16/2021

| | | | | |
|---------------------|---------------|-----------------------|------------------|-------------------|
| Vendor Name | Acme Parts | | | |
| | | | | |
| Requisition Number | 20210625001 | Purchase Order Number | 12345678910 | |
| Promise Date | 06/28/2021 | | | |
| | | | | |
| Asset Number | Received Date | Receiver Name | | |
| | | | | |
| Part Number | Received Date | Receiver Name | Quantity Ordered | Quantity Received |
| | | | | |
| Non-Stockroom Parts | | | | |
| Part Name | Received Date | Receiver Name | Quantity Ordered | Quantity Received |
| | | | | |

Requisitions

Requisitions are a base parts order module that saves or modifies parts and can be made into a purchase order.

Version: 04.24.18-B

1 / 2

REQUISITION REPORT

Bill To:

| | | | |
|------------------|------------------------------|------------------------------|----------------------|
| Name | 359 Broadway | Requisition Date | 06/25/2020 |
| Address 1 | | Requisition Number | 20200625001 |
| Address 2 | | Project Number/Reference | |
| City, State, Zip | Cambridge Massachusetts 2139 | Contract/Proposal Reference | Ben Franklin |
| Contact Name | | Requisition Originator Phone | |
| Contact Phone | | Requisition Originator Email | harryk@eaglecmms.com |
| ContactEmail | | Requisition Type | |

Supplier Information:

Ship To:

| | | | |
|------------------|-------------------------|------------------|------------------------------|
| Name | Henry Kingston | Name | 359 Broadway |
| Address 1 | 28590 W. Tudor Oaks Rd. | Address 1 | |
| Address 2 | | Address 2 | |
| City, State, Zip | Atlanta Georgia | City, State, Zip | Cambridge Massachusetts 2139 |
| Contact Name | | Contact Name | |
| Contact Phone | 3115607198 | Contact Phone | |
| ContactEmail | HenryK@fmas.com | ContactEmail | |

Stockroom Parts:

| # | Manufacturer Part # | Quantity | MU | Item Description | Unit Cost | Tax % | Total Cost |
|---|---------------------|----------|------|-------------------------------------|-----------|-------|------------|
| 1 | B777W | 1 | Each | GRIPPER/ BUMPERS - JOSEPH FISHMOUTH | \$3.00 | 6.00 | \$3.18 |

Non Stockroom Parts:

| # | Manufacturer Part # | Quantity | MU | Item Description | Unit Cost | Tax % | Total Cost |
|---|---------------------------|----------|----|-------------------------------------|-----------|-------|------------|
| 1 | January Cleaning Service | 1 | | Monthly Cleaning Service - January | \$250.00 | 6.00 | \$265.00 |
| 2 | February Cleaning Service | 1 | | Monthly Cleaning Service - February | \$250.00 | 6.00 | \$265.00 |

Parts Total \$533.18

| | | |
|-------------------|-------------------|-----------------|
| Payment Terms | SubTotal | \$533.18 |
| Terms Description | Freight | \$0.00 |
| | Other Total | \$0.00 |
| | Total Req. | \$533.18 |

Comments For Supplier

1.

General Instructions for Supplier

| |
|---|
| (1) Please acknowledge receipt of this purchase order by: Forwarding an email acknowledgment referencing the purchase order number to the AmerisourceBergen PO Originator indicated above. |
| (2) All correspondence related to this purchase order must include the purchase order number (invoices,shipping,document etc). |
| (3) All completed or partial invoices of \$10,000 or more for fixture must be accompanied by a signed lien waiver or lien release. |
| (4) For detailed invoicing requirements, please reference the AmerisourceBergen operations management Office Supplier Invoice Requirements Document. |

Supplier Acknowledgement

Authorizing Signature

Date

Receiving History

This report shows all history on parts received, the date, shipping method and quantity ordered vs. received is also shown.

Receiving History

11/16/2021

| Purchase Order Number HK12345 | | | | |
|-------------------------------|-----------------|-------------------------------|------------------|-------------------|
| Received Date | Shipping Method | Asset Number / Part Number | Quantity Ordered | Quantity Received |
| 08/21/2018 | | 026 17329 004 | 25 | 25 |
| 08/21/2018 | | Zx79202-0-0 | 100 | 50 |
| 08/21/2018 | | Zx79202-0-0 | 100 | 50 |

Work Orders

Closed Work Order Actual Hours by Employee

This report shows the actual hours worked by a technician until the work order was closed.

Closed Work Order Actual Hours By Employee

11/16/2021

| Employee Name Ben Tavares | | | | |
|---------------------------|--------------|---------------|-----------------|-------|
| Work Order Number | Asset Number | Description | Completion Date | Hours |
| 20210119001 | | please repair | 01/19/2021 | 2.00 |
| | | | | 2.00 |

| Employee Name Harry Kohal | | | | |
|---------------------------|--------------|--------------|-----------------|-------|
| Work Order Number | Asset Number | Description | Completion Date | Hours |
| 20201230001 | SDWBOIL-01 | Machine down | 12/30/2020 | 0.42 |
| | | | | 0.42 |

Closed Work Orders

This report shows a summary of all closed work orders over a certain period.

CLOSED WORK ORDER

| | | | |
|---|------------------------------------|--|--|
| PREVENTIVE MAINTENANCE | | Priority: MEDIUM- within 2 days | |
| Facility: My Factory >> Employee Parking | | | |
| Cost Center: New project | | | |
| Description: Weekly Check Of Light 1 | | | |
| Cause Number: | | Cause Desc: | |
| WO Number: 20200702060 | Assigned to: Admin | Work Type: LIGHTING | Maintenance Code: SCHEDULED PM |
| Asset Name: LED PARKING LOT LIGHT | Asset Number: LIGHT-001 | Mfgr Name: | Model: |
| Activation Date 07/02/2020 | Required Date 07/02/2020 | Start Date 07/02/2020 | Completion Date 11/18/2020 |
| | | | Downtime (Hr.) 0.00 |

INSPECTIONS

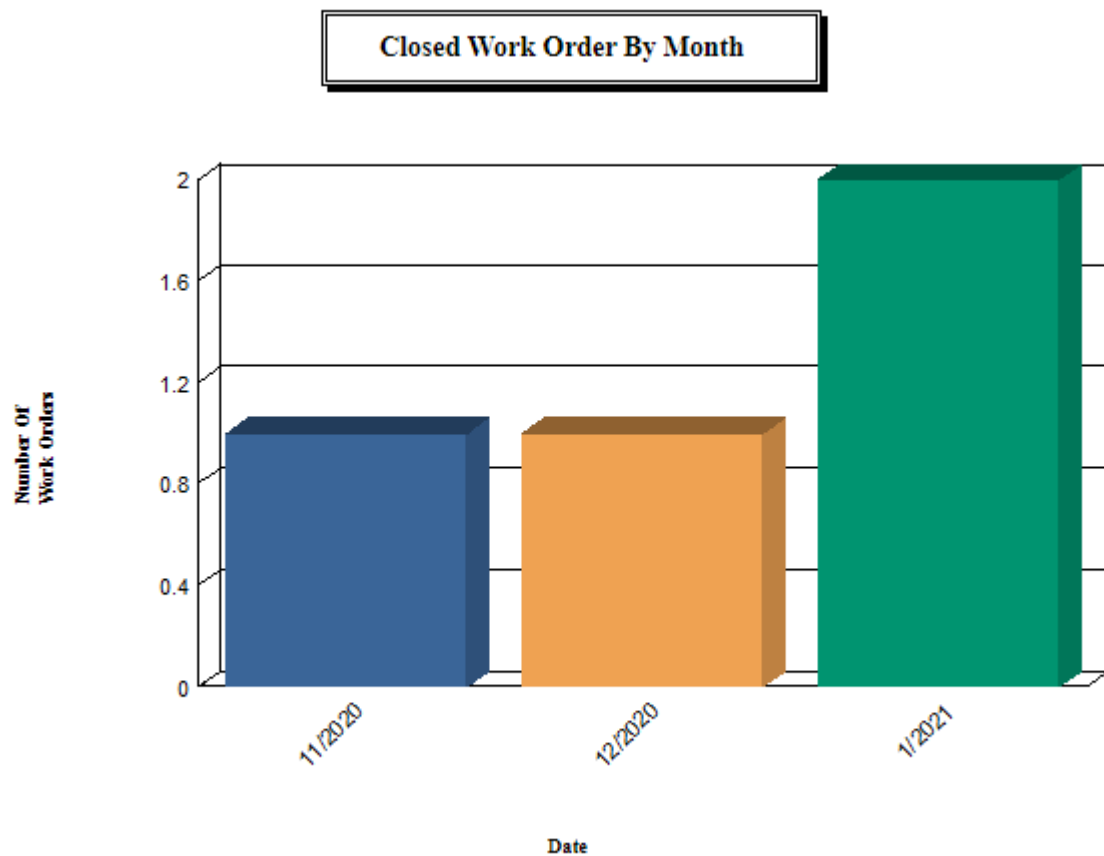
Mech. | Inspections: 2 | Estimated Hours: 2.00 |

| | Inspection Description | Inspection Answer | Min Range | Max Range |
|---|------------------------|-------------------|-----------|-----------|
| 1 | Fan running | Yes | 0.00 | 0.00 |
| 2 | Room temp | 75 | 0.00 | 0.00 |

Additional Details:

Closed Work Order by Month

This report shows a summary of all closed work orders during a month.



Overdue

This report shows a summary of work orders that are overdue.

Overdue

11/16/2021

January 2021

Activation Date 01/28/2021

| Work Order Number | Asset Number | Asset Name | Description |
|-------------------|-----------------------------------|-------------------------------------|------------------|
| 20210128033 | MLK_1st FL_Room 1116_VAV-30_34 | Variable Air Volume Boxes (VAVs) | VAVs First Floor |
| 20210128034 | MLK_1st FL_Room 1114_VAV-31_35 | Variable Air Volume Boxes (VAVs) | VAVs First Floor |
| 20210128035 | MLK_1st FL_Room 1113_VAV-32_36 | Variable Air Volume Boxes (VAVs) | VAVs First Floor |
| 20210128036 | MLK_1st FL_Room 1112_VAV-33_37 | Variable Air Volume Boxes (VAVs) | VAVs First Floor |

Cancelled Work Orders

This report shows a summary of work orders that have been cancelled.

Cancelled Work Orders

11/16/2021

| Cancelled Date | Job Number | Work Order Number | Last Occurrence Date | Activation Date | Next Occurrence Date | User Name |
|----------------|--|-------------------|----------------------|-----------------|----------------------|---------------|
| 02/24/2021 | LIGHT-001-PM-W | 20201119001 | 02/24/2021 | 11/19/2020 | 03/03/2021 | Administrator |
| 02/24/2021 | | 20201120001 | | 11/20/2020 | | Administrator |
| 02/24/2021 | Circulating Pumps_Set 1_Preventative Maintenance | 20201130001 | 11/30/2020 | 11/30/2020 | 05/31/2021 | Administrator |
| 02/24/2021 | Circulating Pumps_Set 1_Preventative Maintenance | 20201130002 | 11/30/2020 | 11/30/2020 | 05/31/2021 | Administrator |
| 02/24/2021 | Circulating Pumps_Set 1_Preventative Maintenance | 20201130003 | 11/30/2020 | 11/30/2020 | 05/31/2021 | Administrator |

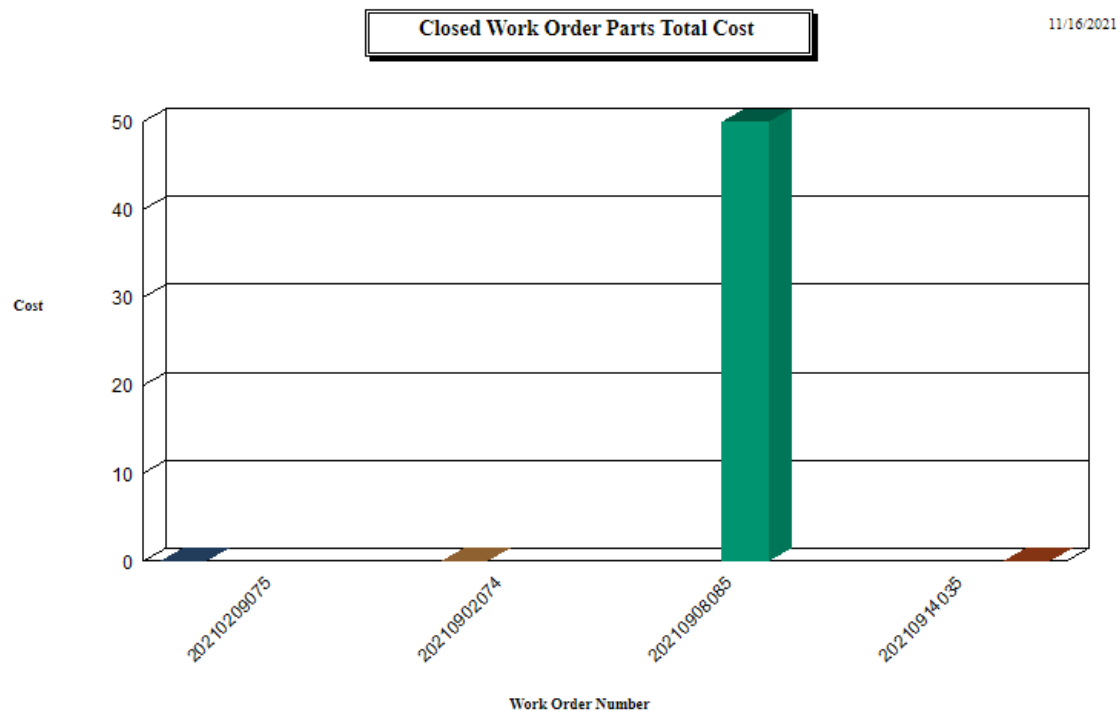
Tasks

This report showed the tasks that needs to be completed with each work order / tasks that were done.

| Tasks | | | 11/16/2021 |
|--|------------------|-----------------|------------|
| Task Number | Labor Craft Code | Estimated Hours | |
| AHU_QU | HVAC | 2.25 | |
| Description <ol style="list-style-type: none"> 1. Ensure that all equipment lock-out and safety practices are followed. 2. Check motor and fan for excessive noise, vibration or overheating. 3. Ensure motor and fan shaft bearing are clean and free of any excess lubricant. 4. Check wheel belt, tension, alignment, condition. Replace as needed. 5. Visually inspect and replace filters as needed . 6. Check all operating temperatures & pressures. | | | |
| AHU_SA | HVAC | 10.00 | |
| Description <ol style="list-style-type: none"> 1. Ensure that all equipment lock-out and safety practices (including confined space entry procedures where applicable) are followed. 2. General - Check motor and fan for excessive noise, vibration or overheating; oil lubricate as required, grease lubricate every 6 months for continuous duty or every year for occasional use. 3. Ensure fan blades are clean and free of any excess lubricant. 4. Check wheel belt, tension, alignment, condition. 5. Clean all mechanically or with cold water, if necessary. Fouling is only matter on the entering air face of the coil and can be remove by brushing. 6. Motor a) Clean unit, tighten all bolts. b)Check amperage for all motors and compressors. 7. Fan a) Clean fan blades; check that fan rotates freely. b) Check for shaft play, bearing wear; replace as required. c) Tighten all mountings. d) Check integrity of safety guard, if fitted. 8. Dampers - Operate dampers, check linkages; adjust and tighten, clean and lubricate. 9. Controls a) Check smooth functioning of damper actuator and motorized valves. b) Check integrity of air lines and fittings where applicable. c) Check temperature and humidity set points; adjust as required. d) Confirm the operation of the emergency electrical disconnection switches. 10. Coil (Water) a) Check all piping and fittings for leaks. b) Flush coil and bleed air from water coil. c) Clean fins of dirt and dust with a soft brush, vacuum or low pressure compressed air. d) Straighten any compressed fins; check integrity of fin fixation to coil; check soldered joints. e) Check for scale; treat as required. f) Operate all valves through their full stroke; leave closed or 1/4 turn short of fully open, as appropriate. g) Check for corrosion; scrape and touch-up paint as required. h) Check integrity of adjacent insulation. 11. Ductwork (immediate area only) a) Clean bottom of unit of dirt and debris. b) Check for scale; treat. c) Ensure drain is clear and trap is primed. d) Check canvas for stiffness or cracking; repair. e) Inspect duct interior upstream and downstream for blockage. f) Brush and vacuum filter frames. g) Check integrity of insulation and acoustical tiles. 12. AH Unit a) Wipe down entire unit inside and out. b) Tighten all mountings. c) Check operation of filter pressure differential gauges; calibrate. d) Check condition of interior lighting, if fitted. 13. Energy Recovery/Sensible Wheel - a) Inspect wheel bearing bolt tightness. b) Inspect wheel belt wear. c) Inspect & adjust perimeter seals. d) Inspect & clean wheel media. e) INspect wheel motor & base tightness. 14. Clean up area when done | | | |

Closed Work Order Parts Total Cost

This report shows a summary of the total cost of the parts used in a closed work order.



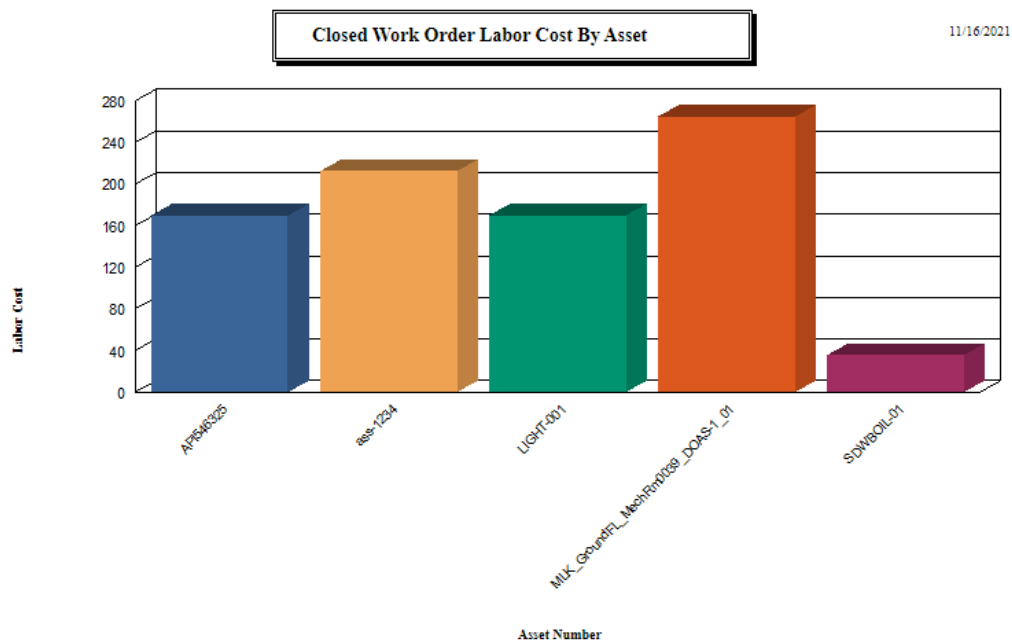
Work Order Cost History

This report shows the work order cost history associated with an asset.

| Work Order Cost History | | | | 11/16/2021 |
|---|---------------------|---------------------------|--------------------|-------------------|
| Asset Name | West Boiler | Asset Number | SDWBOIL-01 | |
| Work Order Number | 20201230001 | | | |
| Maintenance Code | EQUIPMENT BREAKDOWN | Cost Center | New project | |
| Labor Cost | Materials Cost | Total Cost | | |
| \$35.70 | \$7.00 | \$42.70 | | |
| Task Number | Labor Craft | Employee Name | Total Hours | |
| 000 Break/Fix | HVAC | Harry Kohal | 0.42 | |
| This is a demand (break/fix) work order. Determine what is wrong and repair. If repair is over \$250.00 call 1-900-555-1212 | | | | |
| Stockroom Parts | | | | |
| Part Number | Part Name | Stockroom | Quantity Allocated | Quantity Required |
| 10-12153 | Bearing | Manufacturing Maintenance | 1 | 1 |
| Non-Stockroom Parts | | | | |
| Part Number | Part Name | Quantity Required | | |

Closed Work Order Labor Cost by Asset

This report shows the closed work order labor cost by asset.



Closed Work Order Material Cost by Asset

This report shows the closed work order material labor cost by asset.



Forms

Work Order Masters

This module allows you to process and initiate a Preventative Maintenance or Scheduled Maintenance task. Work order masters can either be force activated or activated by means of a schedule.

Version 02.21.18-G
01/04/2022

WORK ORDER MASTER

| Job Number Description Geothermal Condenser Water Pumps (P1, 2 & 3)_Preventative Maintenance | | | | | | | | |
|--|---------------|---|------------------|-------|---------------------------------|-----------|----------------------|----------------------|
| Every | Schedule Type | Description | in | on | Day Of Week | From Date | Last Occurrence Date | Next Occurrence Date |
| 3 | Monthly | | | Third | Wednesday | 3/22/2019 | 1/22/2021 | 3/09/2022 |
| Cost Center | | MLK Maintenance Dept. | Maintenance Code | | SCHEDULED PM | | | |
| Priority | | Planned Maintenance | Shift | | | | | |
| Work Type | | HVAC | Assigned To | | | | | |
| Asset Number | | Asset Name | Facility | | Location | | | |
| MLK_GroundFL_MechRm_0055_P-2_02 | | Geothermal Condenser Water Pumps(P1, 2 & 3) | Mirvish Village | | Geothermal Mechanical Room_0055 | | | |
| MLK_GroundFL_MechRm_0055_P-3_03 | | Geothermal Condenser Water Pumps(P1, 2 & 3) | Mirvish Village | | Geothermal Mechanical Room_0055 | | | |
| Employee Name | | Task Description | | | | | | Estimated Hours |
| N/A | | 1. Ensure that all equipment lock-out and safety practices (including confined space entry procedures where applicable) are followed. 2. Inspect motor bearings for any sign of temperature rise. Temperature should not exceed 160 F. Temperature rise may indicate the early stages of bearing problems. 3. Listen for any unusual noise. Air trapped in pump, hydraulic noise, mechanical noise in motor and/or pump. 4. Check suction gauge reading and confirm that it is normal. | | | | | | 1.25 |

Work Orders

The following views are possible in the Work Orders Home KPI: **Open Work Orders** - All work orders where the Required Date is greater than or equal to the current date and the completion date is null. **Overdue Work orders** - All work orders where the Required Date is less than the current date and the completion date is null. **Completed Work Orders (But not closed)** - All work orders where the Completion Date is not null but have not been closed.

