



PULSE Dashboard & Reporting Software Catalog of Custom Reports Tabs

Updated 11/13/19

PULSE Dashboard has many Users that have requested specialized reports over time. As part of our mission to help you improve your operations, Leahy Consulting has developed this catalog of reports that we believe will provide something that your company may find useful which you may share with your Users.

Each Tab or Report shown below is available by contacting the PULSE Support Desk at Support@PulseDashboard.com or at (513) 723-8095 and requesting the Catalog ID listed with the Description of the Tab or Report. As an example, if you are interested in the Management Overview, please specify EX2 and we will email it to you to import* and become part of your Dashboard system. Once the Tab has been imported it may be changed as needed and shared with others at the company.

To run these reports, you must be licensed for the underlying module. **As with the Default reports in PULSE Dashboard these reports are part of one of the standard PULSE Modules and are subject to the standard definitions of each module.** For example, if there is a report shown in the catalog that is a reconfigured Inventory Status Report from the Inventory Module, your company must be licensed for the Inventory Module included as part of your PULSE Dashboard License. You can view your license in PULSE by clicking on Help/License Info.

Most of our custom developed reports require that you are licensed for the PULSE Designer module. Nearly all our customers already have this module. Again, check your license if you are in doubt. The cost of this module is only \$1,500 plus 15% for setup and installation plus 15% for annual unlimited phone support.

For assistance with the installation of any of these reports, feel free to call our support desk at (513) 723-8095. If your company has developed a cool report that you would like to share with others, please export it and e-mail it to Support@PulseDashboard.com.

We plan to update this catalog periodically to include additional reports as they are available. Please check our web site for new reports.

* See the bottom of this document on How to Import Tabs

Executive Module Reports

EX1 - Days of sales outstanding (DSO)– this report contains a custom formula that calculates 'Sales Days Outstanding' based on the customer's balance versus their average daily sales. This formula can be changed to meet your individual needs.

| Days of Sales Outstanding | | | | | | | | |
|---------------------------|-------------------------|--------------|---------------------|------------------------|--------------|-------------|----------------|-------------|
| Cust Type Cd | Cust Name | Cust # | Default AR Terms Cd | Days Sales Outstanding | Cust Balance | 2014 YTD \$ | 2014 YE Inv \$ | 2013 YTD \$ |
| SUM | OMAHA DISTRIBUTORS | 000000002200 | N45 | 4,065 | \$152,963 | \$1,328 | \$35,683 | \$23,278 |
| SUM | CINCINNATI DISTRIBUTORS | 000000001000 | N30 | 149 | \$2,732,899 | \$4,442,893 | \$6,317,689 | \$4,071,692 |
| SUM | DES MOINES DISTRIBUTORS | 000000003100 | N30 | 146 | \$19,095 | \$19,454 | \$40,862 | \$12,722 |
| SUM | TOLEDO DISTRIBUTORS | 000000002900 | N30 | 142 | \$25,620 | \$67,569 | \$48,385 | \$50,204 |
| SUM | MEXICO DISTRIBUTORS | 000000001400 | N30 | 107 | \$95,180 | \$253,461 | \$462,664 | \$390,438 |

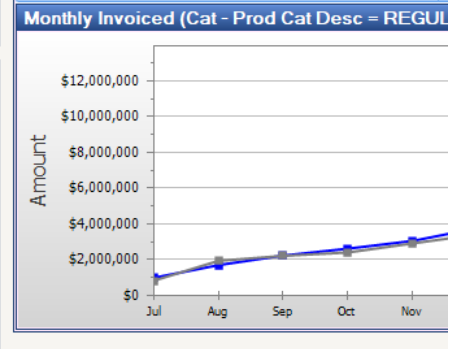
EX2 - Management Overview – this Tab contains multiple reports that are used daily to manage the sales and receivable portion of your business. The report called 'Sales Analysis' is especially helpful to get a quick look at your MTD and YTD sales versus last year.

| Customer Orders Summary | | | | | | | |
|-------------------------|-------------|-------------|--------------|--------------|----------------|----------------|------------------|
| | MTD Actual | MTD Budget | YTD Actual | YTD Budget | M/E Prior Year | YTD Prior Year | Total Prior Year |
| Entered | \$629,463 | \$1,333,333 | \$5,844,060 | \$11,333,333 | \$1,204,997 | \$7,786,723 | \$23,083,656 |
| Invoiced | \$1,217,269 | \$1,333,333 | \$13,496,004 | \$11,333,333 | \$1,788,750 | \$13,396,153 | \$20,513,974 |
| Open | \$2,104,539 | \$1,333,333 | | \$11,333,333 | | | |

| Sales Analysis | | | | | | | | |
|----------------|-----------------|--------------|--------------|---------------------|--|--------------------|----------------|----------------|
| MTD Inv \$ | 2013 MTD Inv \$ | 2014 YTD \$ | 2013 YTD \$ | YTD \$ 2014 vs 2013 | (MTD Inv \$) vs (PY-ME Inv \$) Ratio % | YTD % 2014 vs 2013 | 2013 ME Inv \$ | 2014 YE Inv \$ |
| \$1,217,... | \$1,213,636 | \$13,496,... | \$13,396,... | \$99,851 | 68% | 1% | \$1,788,750 | \$20,513,974 |
| \$1,217,... | \$1,213,636 | \$13,496,... | \$13,396,... | \$99,851 | | | \$1,788,750 | \$20,513,974 |

| A/R Detail Aging | | | | | | | | |
|------------------|--------------------------|---------------|-----------|-----------|---------|---------|---------|----------|
| Cust # | Cust Name | AR Terms Desc | Total \$ | Current | Over 30 | Over 60 | Over 90 | Over 120 |
| 000000001000 | CINCINNATI DISTRIBUTO... | NET 30 DAYS | 1,290,774 | 1,104,617 | 90,619 | 83,557 | 11,939 | 4,051 |
| 000000001100 | NEW YORK DISTRIBUTO... | NET 45 DAYS | 327,296 | 248,148 | 9,987 | 57,221 | 5,442 | 6,498 |
| 000000001000 | CINCINNATI DISTRIBUTO... | WIRE TRANS... | 206,296 | 161,259 | 45,037 | 0 | 0 | 0 |
| 000000002200 | OMAHA DISTRIBUTORS ... | NET 45 DAYS | 130,983 | 48,785 | 57,177 | 21,950 | 6,055 | -2,985 |
| 000000001300 | FLORIDA DISTRIBUTORS... | NET 30 DAYS | 99,692 | 92,659 | 0 | 2,750 | 2,680 | 1,603 |
| 000000002600 | OHIO DISTRIBUTORS ... | NET 30 DAYS | 68,952 | 68,952 | 0 | 0 | 0 | 0 |

| Sales by Product Category - this year vs. last year | | | |
|---|--------------|--------------|-------|
| Cat - Prod Cat Desc | 2014 YTD \$ | 2013 YTD \$ | YTD % |
| REGULAR | \$8,919,991 | \$8,466,573 | |
| IMPORTED | \$4,424,607 | \$4,832,248 | |
| FRAMES | \$98,925 | | |
| FABRICATED | \$52,386 | \$29,584 | |
| | \$70 | \$67,738 | |
| PACKAGING | \$25 | \$10 | |
| PLASTIC | | | |
| | \$13,496,004 | \$13,396,153 | |



Financial Control module

FC1 - General Ledger Account Activity by Month – this report allows you to track monthly activity by Account Cost Center or Cost Unit.

| Account Activity by Month | | | | | | | | | | | | | | | | | |
|---------------------------|------------|----------|-------------------|--------------|---------------|--------------|--------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|--------------|--------------|--------|
| Main | Profit Ctr | Dept | Acct Desc | Beg Bal Pd 1 | Amt Period 1 | Beg Bal Pd 2 | Amt Period 2 | Beg Bal Pd 3 | Amt Period 3 | Beg Bal Pd 4 | Amt Period 4 | Beg Bal Pd 5 | Amt Period 5 | Beg Bal Pd 6 | Amt Period 6 | Beg Bal Pd 7 | Amt P |
| 261... | 2000... | 00000... | Purchases | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 |
| 261... | 2000... | 00000... | PURCHASES - ... | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 | 0.00 | \$0.00 |
| 261... | 3000... | 00000... | Purchases | 0.00 | (\$15,452.... | -15452.88 | \$5,908.20 | -9544.68 | \$219,332.... | 209788.11 | (\$158,951... | 50836.56 | (\$17,118.... | 33717.68 | (\$6,476.69) | 27240.99 | |
| 261... | 3000... | 00000... | PURCHASES - ... | 0.00 | (\$15,452.... | -15452.88 | \$5,908.20 | -9544.68 | \$219,332.... | 209788.11 | (\$158,951... | 50836.56 | (\$17,118.... | 33717.68 | (\$6,476.69) | 27240.99 | |
| 262... | 0000... | 00000... | Purchase Disco... | 0.00 | (\$6,187.50) | -6187.50 | (\$4,865.25) | -11052.75 | (\$5,927.42) | -16980.17 | (\$3,708.37) | -20688.54 | (\$4,997.75) | -25686.29 | (\$4,800.93) | -30487.22 | (\$ |

FC2 - A/P Vendor Activity – Monitor vendor activity and control the date range that is visible with filtering.

| AP Vendor Activity | | | | | | | | | | | |
|--------------------|---------------------|-------------|--------------|-------------|---------------------------|------------------|------------------------|----------|------------|------------|--|
| Vendor ID | Vendor Name | Invoice Num | Check Number | Trx Desc | Invoice Date / Check Date | Description | \$ Invoice / Check Amt | Due Date | Terms Code | Recon Date | |
| 100 | Shimani Corporation | 54 | | Invoice | 02/14/02 | AP Chk: 02000004 | (\$250.10) | 03/16/02 | 00 | 05/14/02 | |
| 100 | Shimani Corporation | 63 | | Invoice | 02/25/02 | AP Chk: 02000005 | (\$1,600.00) | 03/27/02 | 00 | 05/14/02 | |
| 100 | Shimani Corporation | 68 | | Credit Note | 05/14/02 | AP Chk: 02000006 | (\$200.00) | 06/13/02 | 00 | 05/14/02 | |
| 100 | Shimani Corporation | 2000084 | | Invoice | 01/01/02 | AP Chk: 02000003 | (\$10,000.00) | 01/01/02 | 00 | 05/14/02 | |
| 100 | Shimani Corporation | 70 | | Invoice | 05/14/02 | AP Vch: 70 | (\$322.00) | 06/13/02 | 00 | 06/13/02 | |
| 100 | Shimani Corporation | 68 | | Invoice | 05/14/02 | AP Vch: 68 | (\$200.00) | | 00 | 06/13/02 | |

FC3 - Material Cost Type/Location File contents – a quick report of the Material Cost Type/Loc table.

| Contents of the Material Cost Type / Location file | | | | | | | | | | | | | |
|--|-----|-------|-----------------|-------------|---------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|---------------|
| Mat Cost Type | loc | mn_no | receiving_mn_no | issue_mn_no | receipt_mn_no | qty_adj_mn_no | cost_adj_mn_no | wip_var_mn_no | ppv_var_mn_no | xfr_var_mn_no | qty_xfer_mn_no | mat_cost_mn_no | mat_qty_mn_no |
| A | CA | 1100 | 2023 | 1140 | 1140 | 4260 | 4270 | 7900 | 4240 | 4220 | 4250 | 7910 | 7920 |
| A | MA | 1105 | 2023 | 1140 | 1140 | 4260 | 4270 | 7900 | 4240 | 4220 | 4250 | 7910 | 7920 |
| ASM | CA | 1105 | 2023 | 1140 | 1140 | 4260 | 4270 | 7900 | 4240 | 4220 | 4250 | 7910 | 7920 |
| ASM | MA | 1105 | 2023 | 1140 | 1140 | 4260 | 4270 | 7900 | 4240 | 4220 | 4250 | 7910 | 7920 |
| CP | CA | 1105 | 2023 | 1140 | 1140 | 4260 | 4270 | 7900 | 4240 | 4220 | 4250 | 7910 | 7920 |

FC4 - Standard Costing Master File Showing Percentages – this report will be especially helpful to compare the material, overhead percentages across similar products to pinpoint errors from the Macola® Standard Costing Cost Master File.

| Standard costing details - PERCENTAGES | | | | | | | | | | | | | | |
|--|-----------------------------------|--------------------|------------------|----------|------------|---------|----------------------|-------------------|----------------|------------------|------------|---------------|------------|----|
| Item Number | Item Description | Material Cost Type | Product Category | Item UOM | Material % | Labor % | Outside Processing % | Variable Burden % | Fixed Burden % | Material Scrap % | Total Cost | Material Cost | Labor Cost | Pr |
| BCABASSY | ... Brake and Cable Assembly | ASM | SP | EA | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.000000 | 0.000000 | 0.000000 | |
| PPCRANKSET | ... Prof Crankset, 130mm, Nickel | ASM | ASM | EA | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.000000 | 0.000000 | 0.000000 | |
| FORKXL | ... Fork, OCLV Carbon Classic | CP | SP | EA | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 140.500000 | 140.500000 | 0.000000 | |
| FORKSP | ... Fork, RST Capa TL, adjustable | CP | SP | EA | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 120.000000 | 120.000000 | 0.000000 | |
| FORK | ... Fork, Blk, Titanium Mesh | CP | SP | EA | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 100.000000 | 100.000000 | 0.000000 | |
| SHIFTER | ... Shifter, R or L hand, 9 speed | CP | SP | EA | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 189.000000 | 189.000000 | 0.000000 | |
| BCALIPER | ... Brake Caliper, Titanium | CP | SP | PR | 100.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 65.000000 | 65.000000 | 0.000000 | |

IM4 - Inventory reorder level advanced analysis – This is an example of creating custom formulas to determine when to replenish either manufactured or purchased items. The Sales Quantity custom formula will need to be changed for the current year.

| Loc | Inv Class | Item # | Item Description | Reorder Lvl | # days of reorder level - past 12 mon | Ord Up to Lvl | # days of order up to level - past 12 mon | Daily usage - past 12 mon | # days between reorder & order up-to | PO Mult | 2018 Sales Qty | O/H Qty (Loc) | Months O/H (Loc) | Last Sale Dt | Usage Qty - 12 Month Avg (Loc) | Usage Qty Month Avg (Loc) |
|-----|-----------|-----------|------------------|-------------|---------------------------------------|---------------|---|---------------------------|--------------------------------------|---------|----------------|---------------|------------------|--------------|--------------------------------|---------------------------|
| CIN | A | POLY R... | BUSHIN... | 1,191 | 1,089 | 1,737 | 1,588 | 1 | 499 | | 0 | 151 | 0.5 | | 284 | |
| CIN | C | POLY C... | BUSHIN... | 1,249.5 | 27,649 | 2,916 | 64,513 | 0 | 36,865 | | 0 | 833 | 70.9 | | 12 | |
| CIN | B | VELCR... | VELCR... | 1,304 | 855 | 1,901 | 1,246 | 2 | 391 | | 0 | 0 | 0.0 | | 397 | |
| CIN | C | C640 ... | LABELS... | 1,789 | 14,721 | 4,175 | 34,354 | 0 | 19,633 | | 0 | 1,193 | 37.8 | | 32 | |

IM5 - Physical inventory variances and items not counted (for item numbers assigned to tags) – this is to be used as you are counting your inventory and assists in reconciling Count Tags. This report uses the Advanced Screen Designer feature to link the two reports shown.

| Item # | Item Description | Prod Category | Loc | Tag Frozen Units | Tag Frozen Cost | Counted Units | Difference Units | Difference Dollars | Difference % | Tag Count |
|--------|------------------|---------------|-----|------------------|-----------------|---------------|------------------|--------------------|--------------|-----------|
| H... | HOUSING | LBL | LA | 45000 | 0.000000 | 44200 | 44200 | 0.00 | 1.78% | 1 |
| E4... | EDGE HOUSING | FAB | LA | 1727 | 6.933401 | 1500 | 1500 | -1571.01 | 13.12% | 1 |
| E5... | EDGE HOUSING | FAB | LA | 785 | 6.897200 | 700 | 700 | -584.25 | 10.79% | 1 |
| E5... | EDGE HOUSING | FAB | LA | 546 | 6.750000 | 600 | 600 | 361.29 | -9.79% | 1 |
| E5... | EDGE HOUSING | FAB | LA | 599 | 6.908412 | 560 | 560 | -272.40 | 6.58% | 1 |
| E5... | EDGE HOUSING | FAB | LA | 575 | 6.944719 | 550 | 550 | -176.28 | 4.41% | 1 |
| E3... | EDGE HOUSING | FAB | LA | 347 | 6.950000 | 370 | 370 | 161.82 | -6.72% | 1 |
| E5... | EDGE HOUSING | FAB | LA | 376 | 6.821039 | 370 | 370 | -42.40 | 1.65% | 1 |
| | | | | | | | | SUM=- | -20255851.55 | |

| Tag # | Loc | Batch ID | Item # | Item Description | Inv Class | Item UOM | Tag - Counted Qty |
|-------|-----|----------|--------|------------------|-----------|----------|-------------------|
| 72999 | LA | LA | E5489 | EDGE HOUSING | C | YD | 600.00 |

IM6 - Physical inventory variances and items not counted – this can be used prior to posting your count tags to pinpoint items that did not get counted.

| Item # | Item Description | Prod Category | Loc | Frozen Units | Frz Cost \$ | Counted Units | Tag Count | Difference Units | Difference Dollars |
|--------|------------------|---------------|-----|--------------|-------------|---------------|-----------|------------------|--------------------|
| 4/3... | ROPE | PAC | CIN | 1467530 | \$0.018852 | 0 | 1 | -1467530 | -27666 |
| EW... | EDGE HOUSING | FAB | CIN | 1050000 | \$4.957975 | 0 | 1 | -1050000 | -5205874 |
| LAB... | PACKAGING LABELS | PAC | CIN | 660700 | \$0.006018 | 0 | 1 | -660700 | -3976 |
| LAB... | PACKAGING LABELS | PAC | CIN | 472000 | \$0.009594 | 0 | 1 | -472000 | -4528 |
| EW... | EDGE HOUSING | FAB | CIN | 300000 | \$0.010422 | 0 | 1 | -300000 | -3127 |

Purchasing module

PO1 - Inventory item and vendor list - this report lists all inventory items and their corresponding primary vendor and vendor/item number from the PO Item/Vendor file.

| Item # | Item Description | Vend Item # | Vendor # | Vendor Name | Loc | Last Price Pd | Last Activity Dt | Last Receipt Dt | Last Receipt Qty | Avg Lead Tm | PO Min | PO Mult | PO Lead Tm | Negotiated UOM 1 | Negotiated Qty 1 |
|--------|------------------|-------------|-------------|----------------------------|-----|---------------|------------------|-----------------|------------------|-------------|--------|---------|------------|------------------|------------------|
| C862 | LABELS | W INDIGO | 00000000... | CINCINNATI SHIPPING | CIN | 3.100000 | 11/28/07 | 02/05/08 | 1,956.00 | 69.00 | 0.0000 | 0.0000 | 0 | YD | |
| C861 | LABELS | W INDIGO | 00000000... | CINCINNATI SHIPPING | CIN | 3.100000 | 02/07/08 | 02/05/08 | 1,974.00 | 69.00 | 0.0000 | 0.0000 | 0 | YD | |
| C536 | LABELS | V-64-64 | SOUIN1 | SOUTHERN INDUSTRIAL FAB... | CIN | 3.400000 | 07/26/04 | 07/12/04 | 30.00 | 32.00 | 0.0000 | 0.0000 | 0 | YD | |
| C534 | LABELS | V-06-06 | SOUIN1 | SOUTHERN INDUSTRIAL FAB... | CIN | 1.700000 | 07/15/04 | 07/12/04 | 26.00 | 32.00 | 0.0000 | 0.0000 | 0 | YD | |
| C613 | LABELS | SPO50973 | 00000000... | CINCINNATI HEATING | CIN | 3.500000 | 05/03/07 | 05/04/07 | 240.00 | 8.38 | 0.0000 | 0.0000 | 0 | YD | |
| C611 | LABELS | SPO50970 | 00000000... | CINCINNATI HEATING | CIN | 3.500000 | 05/04/07 | 05/10/07 | 80.00 | 25.54 | 0.0000 | 0.0000 | 0 | YD | |

PO2 - Buying History by Item - this report lists purchasing history by item and the vendor detail of the purchases. This report uses the Advanced Screen Designer feature to link the two reports shown.

| Item # | Item Description | Item Pur or MFG | O/H Qty (All Loc) | Last Purch Dt | PO Ord # | Vend # | Vend Name | Receipt Dt | Received Qty | Exp Unit Cost |
|-----------------|------------------|-----------------|-------------------|---------------|----------|--------------|------------------------|------------|--------------|---------------|
| POLY RH 6374 | BUSHING | P | 11 | 06/20/14 | 01321700 | 000000005800 | ABC FASTENERS - QUEENS | 01/08/14 | 44 | \$0 |
| POLY RH 6337 ST | BUSHING | P | 4 | 06/20/14 | 01321700 | 000000005800 | ABC FASTENERS - QUEENS | 01/10/14 | 0 | \$0 |
| POLY RH 6336 ST | BUSHING | P | 0 | 06/20/14 | 01321700 | 000000005800 | ABC FASTENERS - QUEENS | 01/25/14 | 83 | \$0 |
| POLY RH 6270 ST | BUSHING | P | 9 | 06/20/14 | 01321800 | 000000005800 | ABC FASTENERS - QUEENS | 01/31/14 | 0 | \$25 |
| POLY RH 6221 ST | BUSHING | P | 40 | 06/20/14 | 01321800 | 000000005800 | ABC FASTENERS - QUEENS | 02/26/14 | 8 | \$25 |
| POLY RH 6219 ST | BUSHING | P | 0 | 06/20/14 | 01380800 | 000000005800 | ABC FASTENERS - QUEENS | 01/09/14 | 5 | \$0 |
| POLY RH 6212 | BUSHING | P | 151 | 06/20/14 | | | | | | |

PO3 - Buying History by Vendor - this report lists purchasing history by vendor and the item detail of the purchases. This report uses the Advanced Screen Designer feature to link the two reports.

| Vend # | Vend Name | Receipt \$ | Item # | Item Description | Receipt Dt | Received Qty | Receipt \$ | Exp Unit Cost |
|--------------|-------------------------|-------------|---------------|------------------|------------|--------------|------------|---------------|
| 00000006000 | ABC FASTENERS - SEATTLE | \$1,820,804 | POLY SH #502 | BUSHING | 06/20/14 | 149 | \$8,294 | \$55.66 |
| 000000015000 | MERCURY SUPPLY | \$1,375,333 | POLY FG 6690 | BUSHING | 06/20/14 | 175 | \$2,590 | \$14.80 |
| 000000003000 | CHICAGO UNION SUPPLY | \$496,613 | FOAM 9836 | SOUND DEADENING | 06/20/14 | 11 | \$116 | \$10.55 |
| 000000005800 | ABC FASTENERS - QUEENS | \$467,320 | POLY DWR 9839 | BUSHING | 06/17/14 | 2 | \$15 | \$7.50 |
| 000000017900 | DAYTON TRUCKING | \$321,749 | | | | | | |
| 000000006600 | PULLEY SUPPLY | \$308,150 | | | | | | |
| 000000014600 | CINCINNATI FIRST AID | \$281,241 | | | | | | |

Production module

PR1 - Costed Bill of Materials – this report will need to be adjusted for your primary inventory location where the unit cost is stored.

| Parent Item # | Parent Description | Item Activity Cd | Seq # | Parent Std Cost | Comp Item # | Component Description | Location | # Per Parent | Std Cost | Scrap Q |
|---------------|------------------------------|------------------|-------|-----------------|-------------|-------------------------------|----------|--------------|--------------|---------|
| BCABASSY | Brake and Cable Assembly | A | 10 | 96.000000 | BCALIPER | Brake Caliper, Titanium | MA | 1.000000 | \$20.000000 | |
| BIKEAS | ADVENTURE BIKE, LW, BLACK | A | 10 | 1060.000... | SFRAMEASSY | Frame Assembly, Teardrop, Blk | | 1.000000 | \$250.000... | |
| BIKEMP | Mountain Bike Light Weight | A | 10 | 1060.000... | PFRAMEASSY | Frame Assembly, Teardrop, Blk | MA | 1.000000 | \$250.000... | |
| BIKEPP | Professional Bike, LW, Black | A | 10 | 899.000000 | PFRAMEASSY | Frame Assembly, Teardrop, Blk | MA | 1.000000 | \$250.000... | |

PR2 - As-Produced Report – this report shows the results of any production order listing actual quantity and cost of components used.

| Parent Item # | Parent Description | Comp Item # | Component Description | Item UOM | Qty Used | Unit Cost | Extended Cost | Seq # | Date Reported | Reported Qty | Qty Ordered | Comp I |
|-------------------|--------------------|-----------------|-----------------------|----------|----------|-----------|----------------|-------|---------------|--------------|-------------|--------|
| Order #: 00000009 | | | | | | | | | | | | |
| 30... | WHEEL | C250 | LABELS | YD | 2.44 | 3.127603 | 7.6313513200 | 1 | 20021107 | | | P |
| 30... | WHEEL | POLY 20 | BUSHING | IN | 240.00 | 1.261466 | 302.7518400... | 2 | 20021107 | | | P |
| 30... | WHEEL | CARTON 402 | SHIPPING CARTON | EA | 0.67 | 2.233652 | 1.4920795360 | 3 | 20021107 | | | P |
| 30... | WHEEL | BED LABEL EW ST | LABELING | EA | 4.00 | 0.040000 | 0.1600000000 | 4 | 20021107 | | | P |

PR3 - Bill of Materials (single level) – this is a concise single level BOM report.

| Parent Description | Comp Item # | Component Description | Seq # | Qty Per Parent | Scrap Qty | Scrap Factor |
|--------------------------|-------------|------------------------------|-------|----------------|-----------|--------------|
| Parent Item #: BCABASSY | | | | | | |
| Brake and Cable Assembly | BCALIPER | Brake Caliper, Titanium | 10 | 1.00 | 0.00 | 0.5 |
| Brake and Cable Assembly | BPADS | Brake Pads, Extra Dual Pivot | 20 | 2.00 | 0.00 | 0.0 |
| Brake and Cable Assembly | CABLEHOUSE | Cable Housing, Derailleur | 30 | 1.00 | 0.00 | 0.0 |
| Brake and Cable Assembly | BCABLE | Cable for Brakes 1 | 40 | 1.00 | 0.00 | 0.0 |
| Brake and Cable Assembly | DRFRONT | Derailleurs, Front Clamp On | 50 | 2.00 | 0.00 | 0.0 |
| Brake and Cable Assembly | DRREAR | Derailleurs, Rear Clamp On | 60 | 2.00 | 0.00 | 0.0 |
| Brake and Cable Assembly | LEVER | Levers, Light Allow Double | 70 | 2.00 | 0.00 | 0.0 |

PR4 - Outside Operations Routings – this report shows outside operations for shop orders.

| Item # | Item Rtg # | Oper # | rec_type | dept | wc | last_chg_dt | Out Item # | dtl_desc | proc_tm | vend_no | Vend Name |
|--------|------------|--------|----------|------|-------|-------------|-------------|---------------------|---------|---------|------------------------|
| BIKEAS | ... | ATTACH | 40 U | OUT | PRIME | 05/04/02 | PRIME PARTS | Prime Raw Materials | 3.0 | 200 | Spinergy Manufacturing |

PR5 - Past Due Shop Order Operations – this report shows shop order operations showing the due date of the operation.

| Oper # | Item # | Item Description | Start Dt | Due Dt | Qty Sent | Sent Dt | Qty Received | Received Date | PO Ord # | PO Line - Line # |
|-------------|--------|-------------------------------|----------|----------|----------|---------|--------------|---------------|----------|------------------|
| Order #: 43 | | | | | | | | | | |
| 0 | BIKEAS | Frame Assembly, Teardrop, Blk | 03/15/02 | 03/15/02 | 10.00 | | 0.00 | 00 | | 0 |
| 0 | BIKEAS | Mountain Bike Seat Assembly | 03/15/02 | 03/15/02 | 10.00 | | 0.00 | 00 | | 0 |
| 10 | BIKEAS | Cut and Finish | 03/15/02 | 04/02/02 | 30.00 | | 30.00 | 00 | | 0 |
| 20 | BIKEAS | Weld | 04/02/02 | 04/04/02 | 10.00 | | 3.00 | 00 | | 0 |
| 30 | BIKEAS | Thread | 04/04/02 | 04/09/02 | 10.00 | | 3.00 | 00 | | 0 |
| 30 | BIKFAS | Handlebar Assembly | 04/04/02 | 04/04/02 | 10.00 | | 0.00 | 00 | | 0 |

PR6 - POP Orders Showing Components – a report by POP Order number of components used.

| Trx Doc Dt | Par Item # | Item # | Trx Source | Item Desc 1 | Trx Doc Type | Trx PKG | Trx Type | Trx Qty | Unit Cost \$ | Std Cost | Trx Ext Cost \$ | Trx User Name |
|--|------------|--------|------------|--------------------------------|--------------|---------|----------------|---------|--------------|--------------|-----------------|---------------|
| Trx Doc Ord #: 1 (Trx Ext Cost \$: \$1,000.00) | | | | | | | | | | | | |
| 01/03/02 | FRAMEASSY | ... | FORK | Fork, Blk, Titanium Mesh | I | | POP Backflush | 11 | \$100.00 | \$100.000000 | (\$1,100.00) | thir11001 |
| 01/04/02 | FRAMEASSY | ... | FORK | Fork, Blk, Titanium Mesh | I | | POP Backflush | 9 | \$100.00 | \$100.000000 | (\$900.00) | thir11001 |
| 01/03/02 | FRAMEASSY | ... | FRAME | Frame, Mega Lt, Blk, Gios | I | | POP Backflush | 11 | \$85.00 | \$85.000000 | (\$935.00) | thir11001 |
| 01/04/02 | FRAMEASSY | ... | FRAME | Frame, Mega Lt, Blk, Gios | I | | POP Backflush | 9 | \$85.00 | \$85.000000 | (\$765.00) | thir11001 |
| 01/03/02 | FRAMEASSY | ... | WHEELASSYR | Wheel Assembly Bit, Rear | I | | POP Backflush | 11 | \$135.00 | \$135.000000 | (\$1,485.00) | thir11001 |
| 01/04/02 | FRAMEASSY | ... | WHEELASSYR | Wheel Assembly Bit, Rear | I | | POP Backflush | 9 | \$135.00 | \$135.000000 | (\$1,215.00) | thir11001 |
| 01/03/02 | FRAMEASSY | ... | WHEELSF | Wheel Set, Front, Spokes, Hubs | I | | POP Backflush | 11 | \$30.00 | \$30.000000 | (\$330.00) | thir11001 |
| 01/04/02 | FRAMEASSY | ... | WHEELSF | Wheel Set, Front, Spokes, Hubs | I | | POP Backflush | 9 | \$30.00 | \$30.000000 | (\$270.00) | thir11001 |
| 01/03/02 | FRAMEASSY | ... | FRAMEASSY | Frame Assembly, Teardrop, Blk | Z | | POP Production | 11 | \$400.00 | \$400.000000 | \$4,400.00 | thir11001 |
| 01/04/02 | FRAMEASSY | ... | FRAMEASSY | Frame Assembly, Teardrop, Blk | Z | | POP Production | 9 | \$400.00 | \$400.000000 | \$3,600.00 | thir11001 |

PR7 - POP Production Schedule with Component Drill-Down – this Advanced Designer report links the production schedule and bill of materials.

| POP Ord # | Production Ord Status | Item # | Item Desc 1 | POP Due Dt | Production Ord Qty | Production Reported Qty | Past Due | Week 01 (Jun-15) | Week 02 (Jun-22) | Week 03 (Jun-29) | Week 04 (Jul-6) | Week 05 (Jul-13) | Week 06 (Jul-20) |
|-----------|-----------------------|-----------|-------------------------------|------------|--------------------|-------------------------|----------|------------------|------------------|------------------|-----------------|------------------|------------------|
| 24 | I | HBASSY | Handlebar Assembly | 05/07/02 | 15 | 10 | 5 | | | | | | |
| 26 | P | BIKEMP | Mountain Bike Light Weight | 05/13/02 | 20 | 0 | 20 | | | | | | |
| 29 | P | PSEATASSY | Prof Seat Assembly | 05/15/02 | 15 | 0 | 15 | | | | | | |
| 28 | P | BIKEMP | Mountain Bike Light Weight | 05/16/02 | 20 | 0 | 20 | | | | | | |
| 30 | P | FRAMEASSY | Frame Assembly, Teardrop, ... | 05/17/02 | 20 | 0 | 20 | | | | | | |
| 43 | P | PSEATASSY | Prof Seat Assembly | 03/31/10 | 1 | 0 | 1 | | | | | | |
| 44 | P | BIKEMP | Mountain Bike Light Weight | 04/12/10 | 1 | 0 | 1 | | | | | | |
| 45 | P | BIKEPP | Professional Bike, LW, Black | 04/12/10 | 1 | 0 | 1 | | | | | | |
| 46 | P | BIKEPP | Professional Bike, LW, Black | 04/12/10 | 1 | 0 | 1 | | | | | | |
| | | | | | 613 | 11.00 | 601 | 0 | 0 | 0 | 0 | 0 | 0 |

| MRP Ord # | Item # | Item Desc 1 | MRP - Demand/Replenish Date | Par Item # | POP Item Desc 1 | MRP - Calc Demand Qty | MRP - New Qty On-Hand (Loc) |
|-----------|----------|----------------------------|-----------------------------|------------|----------------------------|-----------------------|-----------------------------|
| 26 | BCABASSY | Brake and Cable Assembly | 05/07/02 | BIKEMP | Mountain Bike Light Weight | 20 | 651 |
| | BIKEMP | Mountain Bike Light Weight | 05/13/02 | BIKEMP | Mountain Bike Light Weight | | 1,149 |
| | FORK | Fork, Blk, Titanium Mesh | 05/07/02 | BIKEMP | Mountain Bike Light Weight | 20 | 291 |

PR8 - Production Order History – a simple listing of POP Orders from Macola®.

| POP Ord # | POP Due Dt | POP Item Desc 1 | Item # | Qty Ordered |
|-----------|------------|---------------------------|-----------|-------------|
| 00219179 | 08/13/15 | CUSH,COT GDN 4 DBL P #003 | 003-E5413 | 2 |
| 00218859 | 07/24/15 | CUSH,COT GDN 4 DBL P #003 | 003-E5431 | |
| 00218717 | 08/10/15 | CUSH,COT GDN 4 DBL P #003 | 003-E5446 | 1 |

PR9 - Routing file showing labor and setup hours – this report is from the Standard Routing Files.

| Item Rtg # | Oper # | rec_type | oper_type | dept | wc | dtl_desc | wrk_ctr_ld_cd | Item UOM | op_cyc_per_par | setup_lbr_hrs | std_lbr_hrs | op_cyc_per |
|------------|--------|----------|-----------|-------|-------|----------------|---------------|----------|----------------|---------------|-------------|------------|
| ATTACH | 50 | O | P | DEPTA | WC1.B | Paint | H | EA | 1.00000 | 0.000000 | 4.000000 | 0.0000 |
| ATTACH | 60 | O | P | DEPTB | WC2 | Assembly | H | EA | 1.00000 | 0.000000 | 3.000000 | 0.0000 |
| ATTACH | 70 | O | P | DEPTB | WC2.A | Final Assembly | H | EA | 1.00000 | 0.000000 | 2.500000 | 0.0000 |
| ATTACH | 80 | O | P | DEPTC | WC3 | Inspection | H | EA | 1.00000 | 0.000000 | 1.500000 | 0.0000 |
| BACKFLSH | 10 | O | P | DEPTA | WC1 | Cut and Finish | H | EA | 1.00000 | 0.000000 | 3.000000 | 0.6666 |
| BACKFLSH | 20 | O | P | DEPTA | WC1 | Weld | H | EA | 1.00000 | 0.000000 | 3.000000 | 0.6666 |
| BACKFLSH | 30 | O | P | DEPTA | WC1 | Thread | H | EA | 1.00000 | 0.000000 | 2.750000 | 0.7272 |

PR10 - Work Center File Contents – this report is from the Manufacturing Work Center File.

| wc_acct_grp | dept | wc | wc_desc | shop_cal_no | lbr_grd | lbr_cost_tp | setup_lbr_grd | setup_class | load_cd | queue_lea... | rough_cut... | eff_fctr | cap_constr... | mach_no | cap_method |
|-------------|-------|-------|---------------|-------------|---------|-------------|---------------|-------------|---------|--------------|--------------|----------|---------------|-------------|------------|
| AG1 | OUT | PRIME | Out Servic... | 01 | OUT | OUT | OUT | | H | 0.0 | 1.00 | 1.00 | B | | S |
| AG1 | DEPTA | WC1 | Threading... | 01 | LG1 | LC1 | LG5 | | H | 0.0 | 1.00 | 1.00 | B | | S |
| AG1 | DEPTA | WC1.A | Prime ... | 01 | LG2 | LC1 | LG2 | | H | 1.0 | 1.00 | 1.00 | B | AUTO PRI... | S |
| AG1 | DEPTA | WC1.B | Paint ... | 01 | LG2 | LC1 | LG5 | | H | 0.0 | 1.00 | 1.00 | B | | S |

PR11 - Shop Floor Scrap Report – this report shows actual transactions from Shop Orders including scrap and scrap codes.

| Loc | Operation # | Trx Date | Record Type | Item # | Item Description 1 | Trx Qty | Item UOM | Status | Qty Completed | Qty Reworked | Qty Rejected | Qty Scrapped | Scrap code 1 | Scrap code 2 |
|-------------|-------------|----------|-------------|------------|--------------------|---------|----------|--------|---------------|--------------|--------------|--------------|--------------|--------------|
| Order #: 21 | | | | | | | | | | | | | | |
| MA | 0 | 05/13/02 | S | BIKEAS ... | Adventure ... | 0.00 | EA | S | 0.00 | 0.00 | 0.00 | 3.00 | 201 | |
| MA | 0 | 05/13/02 | S | BIKEAS ... | Adventure ... | 0.00 | EA | S | 0.00 | 0.00 | 0.00 | 2.00 | 202 | |
| MA | 0 | 05/13/02 | S | BIKEAS ... | Adventure ... | 0.00 | EA | S | 0.00 | 0.00 | 0.00 | 2.00 | 201 | |
| MA | 10 | 05/13/02 | O | BIKEAS ... | Cut and Fi... | 15.00 | EA | P | 15.00 | 0.00 | 0.00 | 3.00 | 201 | |
| MA | 40 | 05/13/02 | O | BIKEAS ... | Prime ... | 5.00 | EA | P | 5.00 | 0.00 | 0.00 | 2.00 | 202 | |
| MA | 60 | 05/13/02 | O | BIKEAS ... | Assembly ... | 3.00 | EA | A | 5.00 | 0.00 | 0.00 | 2.00 | 201 | |

PR12 - Shop Floor COST Analysis for In-process Orders – this report displays detailed costs and hours of in-process shop orders.

| Shop Floor Detailed COSTS - In-process orders | | | | | | | | | | | | | | | | | |
|---|----------------|---------------|----------------|--------------------|-----------------------|------------------|-----------------|-------------------|---------------------------|--------------------------|----------------------------|-----------------------|----------------------|----------------------|-------------------------------|------------------------------|-------------------|
| Order Header | | | | | | | | | | | | | | | | | |
| SF Ord # Δ | SF Complete Dt | Pro... Ord... | Item # | Production Ord Qty | Production Reporte... | Planned Labor \$ | Actual Labor \$ | Variance Labor \$ | Planned Fixed Overhead \$ | Actual Fixed Overhead \$ | Variance Fixed Overhead \$ | Planned Components \$ | Actual Components \$ | Variance Material \$ | Planned Outside Operations \$ | Actual Outside Operations \$ | Planned Profit \$ |
| 31 | 02/08/02 | E | BIKEAS ... | 7 | 6 | \$2,588 | \$1,950 | (\$638) | \$544 | \$315 | (\$229) | \$4,452 | \$3,816 | (\$636) | \$0 | \$0 | \$0 |
| 44 | 05/14/02 | E | SFRAMEASSY ... | 20 | 20 | \$4,920 | \$4,920 | \$0 | \$1,033 | \$1,033 | \$0 | \$5,000 | \$5,000 | \$0 | \$0 | \$0 | \$0 |
| 47 | 05/09/02 | E | SSEATASSY ... | 20 | 20 | \$4,920 | \$49,200 | \$49,200 | \$1,033 | \$10,333 | \$10,332,000 | \$1,360 | \$1,360 | \$0 | \$0 | \$0 | \$0 |
| | | | | 47 | 46.00 | \$12,428 | \$49,210 | \$49,199 | \$2,610 | \$10,334 | \$10,331,771 | \$10,812 | \$10,176 | (\$636) | \$0 | \$0 | \$0 |

| 31 - Summary | | | | | | | | | | |
|--------------|----------------|------------|----------------|--------------|------------|---------------|--------|---------------|--------------|--|
| | Sale Amount \$ | Labor | Fixed Overhead | Var Overhead | Components | Outside Opers | Setup | Total Cost \$ | Gross Profit | |
| Planned | | \$2,588.25 | \$543.54 | \$517.65 | \$4,452.00 | \$0.00 | \$0.00 | \$8,101.44 | | |
| Actual | | \$1,950.00 | \$314.86 | \$299.86 | \$3,816.00 | \$0.00 | \$0.00 | \$5,929.98 | | |

| 31 - Order Details | | | | | | | | | | | | |
|---|------------|-------------|-------|-----------------|----------------|-----------------------|---------------------|------------|---------------------|-----------------|--------------------|-----------|
| Operations Routing Bill of Material Components Outside Operations | | | | | | | | | | | | |
| Oper # Δ | Item Rtg # | Count Point | Dept | SFD Work Center | SFD Desc 1 | SF Plan Total Cost \$ | Planned Labor Hours | Acc Act Hr | Planned Machine Hrs | Acc Act Mach Hr | Setup Std Labor Hr | SF Profit |
| 10 | STANDARD | | DEPTA | WC1 | Cut and Finish | \$8,101.44 | 63 | 26 | 0 | 0 | 0 | 6 |
| 20 | STANDARD | | DEPTA | WC1 | Weld | \$8,101.44 | 11 | 12 | 11 | 0 | 0 | 6 |
| 30 | STANDARD | | DEPTA | WC1 | Thread | \$8,101.44 | 19 | 14 | 0 | 0 | 0 | 6 |

PR13 - Shop Floor Summary COST Analysis for Closed Orders – this report displays detailed costs of closed shop orders.

| Order Header | | | | | | | | | | | | | | | | | |
|--------------|----------------|---------------|---------------|--------------------|-----------------------|------------------|-----------------|-------------------|---------------------------|--------------------------|----------------------------|-----------------------|----------------------|----------------------|-------------------------------|------------------------------|-------------------|
| SF Ord # Δ | SF Complete Dt | Pro... Ord... | Item # Δ | Production Ord Qty | Production Reporte... | Planned Labor \$ | Actual Labor \$ | Variance Labor \$ | Planned Fixed Overhead \$ | Actual Fixed Overhead \$ | Variance Fixed Overhead \$ | Planned Components \$ | Actual Components \$ | Variance Material \$ | Planned Outside Operations \$ | Actual Outside Operations \$ | Planned Profit \$ |
| 35 | 05/14/02 | C | BIKEAS ... | 4 | 5 | \$1,479 | \$354 | (\$1,125) | \$311 | \$74 | (\$236) | \$2,544 | \$3,180 | \$636 | \$0 | \$0 | \$0 |
| 37 | 05/14/02 | C | BIKEAS ... | 8 | 4 | \$2,958 | \$483 | (\$2,475) | \$621 | \$101 | (\$520) | \$5,088 | \$2,544 | (\$2,544) | \$0 | \$0 | \$0 |
| 39 | 05/14/02 | C | BIKEAS ... | 4 | 4 | \$1,479 | \$474 | (\$1,005) | \$311 | \$100 | (\$211) | \$2,544 | \$2,544 | \$0 | \$0 | \$0 | \$0 |
| 41 | 05/14/02 | C | BIKEAS ... | 9 | 9 | \$3,328 | \$549 | (\$2,779) | \$699 | \$115 | (\$584) | \$5,724 | \$5,724 | \$0 | \$0 | \$0 | \$0 |
| 22 | 05/14/02 | C | SSEATASSY ... | 5 | 5 | \$0 | \$65 | \$65 | \$0 | \$13 | \$13 | \$340 | \$340 | \$0 | \$0 | \$0 | \$0 |
| 24 | 05/14/02 | C | SSEATASSY ... | 8 | 8 | \$0 | \$91 | \$91 | \$0 | \$18 | \$18 | \$544 | \$544 | \$0 | \$0 | \$0 | \$0 |
| 26 | 05/14/02 | C | SSEATASSY ... | 7 | 7 | \$0 | \$96 | \$96 | \$0 | \$20 | \$20 | \$476 | \$476 | \$0 | \$0 | \$0 | \$0 |
| 28 | 05/14/02 | C | SSEATASSY ... | 3 | 3 | \$0 | \$36 | \$36 | \$0 | \$8 | \$8 | \$204 | \$204 | \$0 | \$0 | \$0 | \$0 |
| 30 | 05/14/02 | C | SSEATASSY ... | 5 | 5 | \$0 | \$60 | \$60 | \$0 | \$13 | \$13 | \$340 | \$340 | \$0 | \$0 | \$0 | \$0 |
| 32 | 05/14/02 | C | SSEATASSY ... | 7 | 7 | \$0 | \$84 | \$84 | \$0 | \$18 | \$18 | \$476 | \$476 | \$0 | \$0 | \$0 | \$0 |
| 34 | 05/14/02 | C | SSEATASSY ... | 6 | 6 | \$0 | \$72 | \$72 | \$0 | \$15 | \$15 | \$408 | \$408 | \$0 | \$0 | \$0 | \$0 |
| 36 | 05/14/02 | C | SSEATASSY ... | 4 | 4 | \$0 | \$48 | \$48 | \$0 | \$10 | \$10 | \$272 | \$272 | \$0 | \$0 | \$0 | \$0 |
| 38 | 05/14/02 | C | SSEATASSY ... | 8 | 8 | \$0 | \$96 | \$96 | \$0 | \$20 | \$20 | \$544 | \$544 | \$0 | \$0 | \$0 | \$0 |
| 40 | 05/14/02 | C | SSEATASSY ... | 4 | 4 | \$0 | \$48 | \$48 | \$0 | \$10 | \$10 | \$272 | \$272 | \$0 | \$0 | \$0 | \$0 |
| 42 | 05/14/02 | C | SSEATASSY ... | 9 | 9 | \$0 | \$48 | \$48 | \$0 | \$11 | \$11 | \$612 | \$612 | \$0 | \$0 | \$0 | \$0 |
| | | | | 125 | 121.00 | \$21,815 | \$8,150 | (\$13,666) | \$4,581 | \$1,634 | (\$2,947) | \$42,013 | \$39,469 | (\$2,544) | \$0 | \$0 | \$0 |

| 35 - Summary | | | | | | | | | |
|--------------|----------------|------------|----------------|--------------|------------|---------------|--------|---------------|--------------|
| | Sale Amount \$ | Labor | Fixed Overhead | Var Overhead | Components | Outside Opers | Setup | Total Cost \$ | Gross Profit |
| Planned | | \$1,479.00 | \$310.59 | \$295.80 | \$2,544.00 | \$0.00 | \$0.00 | \$4,629.39 | |
| Actual | | \$354.40 | \$74.42 | \$70.88 | \$3,180.00 | \$0.00 | \$0.00 | \$3,679.70 | |

PR14 - Shop Floor Detailed HOURS Analysis for Closed Orders – this report displays detailed hours of closed shop orders.

| Shop Floor HOURS - Closed/Cancelled orders | | | | | | | | | | | | | |
|--|----------------|-----------------------|------------|--------------------|-------------------------|---------------------|--------------------|----------------------|-------------------|-----------------------|----------------------|----------------------|----------------------|
| Order Header | | | | | | | | | | | | | |
| SF Ord # | SF Complete Dt | Production Ord Status | Item # | Production Ord Qty | Production Reported Qty | Planned Labor Hours | Actual Labor Hours | Variance Labor Hours | Variance Labor \$ | Planned Components \$ | Actual Components \$ | Variance Material \$ | SF Plan Tc |
| 63 | 04/28/19 | C | BIKEAS ... | 10 | 9 | 273 | 0 | -273 | (\$3,698) | \$6,360 | \$5,687 | (\$673) | \$11,573 |
| 65 | 03/07/19 | C | CHEM ... | 5 | 1 | 90 | 0 | -90 | (\$1,080) | \$50 | \$0 | (\$50) | \$360 |
| 42 | 05/14/02 | C | SSEATA... | 9 | 9 | 0 | 4 | 4 | \$48 | \$612 | \$612 | \$0 | \$612 |
| | | | | 140 | 131.00 | 1,970.25 | 561.50 | -1,408.75 | (\$18,443) | \$48,423 | \$45,156 | (\$3,267) | \$84,705.89 \$56,... |

| 63 - Summary | | | | | | | | | |
|--------------|----------------|------------|----------------|--------------|------------|---------------|--------|---------------|--------------|
| | Sale Amount \$ | Labor | Fixed Overhead | Var Overhead | Components | Outside Opers | Setup | Total Cost \$ | Gross Profit |
| Planned | | \$3,697.50 | \$776.48 | \$739.50 | \$6,360.00 | \$0.00 | \$0.00 | \$11,573.48 | |
| Actual | | \$0.00 | \$0.00 | \$0.00 | \$5,686.90 | \$0.00 | \$0.00 | \$5,686.90 | |

| 63 - Order Details | | | | | | | | | | | | | |
|---|-------------|-------|-----------------|----------------|--------------|-----------------|----------|----------------|--------------------|------------------|------------|---------------|------|
| Operations Routing Bill of Material Components Outside Operations | | | | | | | | | | | | | |
| Oper # | Count Point | Dept | SFD Work Center | SFD Desc 1 | SFD Start Dt | SFD Complete Dt | Plan Qty | Oper Qty Compl | Setup Std Labor Hr | Acc Std Labor Hr | Acc Act Hr | Var Labor Hrs | |
| 10 | | DEPTA | WC1 | Cut and Finish | 09/26/11 | 10/10/12 | 30 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | | DEPTA | WC1 | Weld | 10/11/11 | | 10 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | | DEPTA | WC1 | Thread | 10/13/11 | | 10 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

PR15 - Shop Floor Detailed Analysis with Projected Hours and Dollars – this report displays projected and actual cost that allow analysis of the shop orders for the orders created in the past quarter.

| Shop Floor detailed screen with projections | | | | | | | | | | | | | | | | |
|---|----------|-----------------------|------------|-------------------|--------------------|---------------------|------------------|--------------------|-----------------|-----------------|-----------------|----------------|-------------------------|-------------------|-------------------------|---------------|
| Order Header | | | | | | | | | | | | | | | | |
| SF Ord # | Ord Dt | Production Ord Status | Item # | Item Desc 1 | Production Ord Qty | Planned Labor Hours | Projected DL Hrs | Actual Labor Hours | Variance DL Hrs | Projected DL \$ | Actual Labor \$ | Variance DL \$ | Projected Components \$ | Actual Components | Variance Component \$'s | Abs Comp \$'s |
| 39 | 05/13/02 | C | BIKEAS ... | ADVENTURE BIKE... | 4 | 109 | 109 | 33 | 76 | \$1,479 | \$474 | \$1,005 | \$2,544 | \$2,544 | \$0 | \$0 |
| 37 | 05/13/02 | C | BIKEAS ... | ADVENTURE BIKE... | 8 | 218 | 109 | 33 | 76 | \$1,479 | \$483 | \$996 | \$2,544 | \$2,544 | \$0 | \$0 |
| 35 | 05/13/02 | C | BIKEAS ... | ADVENTURE BIKE... | 4 | 109 | 136 | 26 | 110 | \$1,849 | \$354 | \$1,494 | \$3,180 | \$3,180 | \$0 | \$0 |
| 33 | 05/13/02 | C | BIKEAS ... | ADVENTURE BIKE... | 6 | 164 | 136 | 83 | 53 | \$1,849 | \$1,195 | \$653 | \$3,180 | \$3,180 | \$0 | \$0 |
| | | | | | 312 | 4,641.00 | 2,352 | 3,451,39... | -3,449,... | \$32,395 | \$49,22... | (\$49,1... | \$49,646 | \$49,646 | \$0 | |

| 37 - Summary | | | | | | | | | |
|--------------|----------------|------------|----------------|--------------|------------|---------------|--------|---------------|--------------|
| | Sale Amount \$ | Labor | Fixed Overhead | Var Overhead | Components | Outside Opers | Setup | Total Cost \$ | Gross Profit |
| Planned | | \$2,958.00 | \$621.18 | \$591.60 | \$5,088.00 | \$0.00 | \$0.00 | \$9,258.78 | |
| Actual | | \$483.00 | \$101.43 | \$96.60 | \$2,544.00 | \$0.00 | \$0.00 | \$3,225.03 | |

| 37 - Order Details | | | | | | | | | |
|---|-------|-----------------|----------------|---------------------|------------|-----------------|-------------|--|------|
| Operations Routing Bill of Material Components Outside Operations | | | | | | | | | |
| Oper # | Dept | SFD Work Center | SFD Desc 1 | Planned Labor Hours | Acc Act Hr | SF Complete Qty | Actual Mach | | |
| 10 | DEPTA | WC1 | Cut and Finish | 72.0 | 3.0 | 4 | | | 0.00 |
| 20 | DEPTA | WC1 | Weld | 12.0 | 3.0 | 4 | | | 0.00 |
| 30 | DEPTA | WC1 | Thread | 22.0 | 2.0 | 4 | | | 0.00 |

PR16 - Shop Floor In-Process Orders with Routing Hours Analysis – this report provides a historical analysis of shop orders for hours and costs for the past 5 years.

| Shop Floor In-Process Orders with routing hours analysis | | | | | | | | | | | | | |
|--|---------------|-----------|-----------------------|-------------|---------------|----------------------------|--------------------|-----------------|---------------------|--------------------|--------------------|-----------------------|------|
| Order Header | | | | | | | | | | | | | |
| SF Ord # | SF Created Dt | SF Due Dt | Production Ord Status | Comp Avail? | Item # | Item Desc 1 | Production Ord Qty | SF Complete Qty | Planned Labor Hours | Actual Labor Hours | Std parts per hour | Actual parts per hour | |
| 56 | 05/14/02 | 12/20/01 | G | ? | SSEATASSY ... | Adventure Bike Seat Ass... | 30 | 0 | | | | | |
| 31 | 05/13/02 | 02/05/02 | E | Y | BIKEAS ... | ADVENTURE BIKE, LW ... | 7 | 6 | 190.75 | 105.00 | 0 | 0 | 156% |
| 53 | 05/14/02 | 03/15/02 | G | ? | SSEATASSY ... | Adventure Bike Seat Ass... | 10 | 0 | | | | | |
| 52 | 05/14/02 | 03/15/02 | U | ? | SSEATASSY ... | Adventure Bike Seat Ass... | 10 | 0 | 0.00 | 0.00 | #Err | #Err | #Err |
| 54 | 05/14/02 | 03/20/02 | G | ? | SSEATASSY ... | Adventure Bike Seat Ass... | 10 | 0 | | | | | |
| | | | | | | | 227 | | 3,850.75 | 3,450,833.88 | | | |

| 31 - Summary | | | | | | | | | | |
|--------------|----------------|------------|----------------|--------------|------------|---------------|--------|---------------|--------------|--|
| | Sale Amount \$ | Labor | Fixed Overhead | Var Overhead | Components | Outside Opers | Setup | Total Cost \$ | Gross Profit | |
| Planned | | \$2,588.25 | \$543.54 | \$517.65 | \$4,452.00 | \$0.00 | \$0.00 | \$8,101.44 | | |
| Actual | | \$1,950.00 | \$314.86 | \$299.86 | \$3,816.00 | \$0.00 | \$0.00 | \$5,929.98 | | |

| 31 - Order Details | | | | | | | | | | | | |
|--------------------|------------|-------|----------------|----------|--------------------|--------------|---------------------|-----------------|--------------|--------------|-----------------|-----------------|
| Operations Routing | | | | | | | | | | | | |
| Oper # | WC Load Cd | Dept | SFD Desc 1 | Plan Qty | Setup Std Labor Hr | Std Labor Hr | Planned Labor Hours | Actual Labor Hr | Var Labor Hr | Var Labor \$ | SF Complete Qty | Actual Labor \$ |
| 10 | H | DEPTA | Cut and Finish | 21.00 | 0.000000 | 3.000000 | 63.0 | 9.0 | -54.00 | (\$648) | 6 | \$69.30 |
| 20 | H | DEPTA | Weld | 7.00 | 0.000000 | 1.500000 | 10.5 | 4.0 | -6.50 | (\$98) | 6 | \$32.76 |
| 30 | H | DEPTA | Thread | 7.00 | 0.000000 | 2.750000 | 19.3 | 0.3 | -19.00 | (\$283) | 6 | \$51.59 |
| 40 | H | DEPTA | Prime | 7.00 | 0.000000 | 3.000000 | 21.0 | 0.3 | -20.75 | (\$300) | 6 | \$50.01 |

Customer Service Module

CS1 - Customer/Item file listing – this report is the cross-reference of the item master file and the customer/item file.

| Customer Item File | | | | | | | | | |
|---|-------------------|--------|-------------------------------|----------|-------------|-------------------|----------------|---------------|------------|
| Drag a column header here to group by that column | | | | | | | | | |
| Cust # | Customer Name | Item # | Item Description | Item UOM | Cust Item # | Last Invoice Date | Last Invoice # | Qty Last Sold | Last Price |
| 905 | Village Bike Shop | TIRES | Tires 26x1.95" front and rear | EA | GOODYEAR | | | 0.00 | 0.000000 |

MRP Module

MR1 – Macola® MRP Reports – These are basic reports that allow you to view the contents of the Macola® MRP files.

| Contents of the MRP file - Computer Planned Orders | | | | | | | | | | | | |
|--|----------------|---------|----------|--------------------------|----------|--------|----------|----------|---------|-----|----------------|--|
| Drag a column header here to group by that column | | | | | | | | | | | | |
| Due Dt | Item P & Ic Cd | vend_no | Item # | Item Desc 1 | ord_type | ord_no | ord_qty | byr_plnr | line_no | loc | Item Pur o MFG | |
| 08/13/12 | 100 | | BCABASSY | Brake and Cable Assembly | CP | 18 | 9,082.00 | 10957 | 0 | | M | |
| 08/13/12 | 100 | 300 | BCABLE | Cable for Brakes 1 | CP | 19 | 7,036.00 | 10957 | 0 | | P | |
| 08/13/12 | 100 | 300 | BCALIPER | Brake Caliper, Titanium | CP | 20 | 7,090.00 | 10957 | 0 | | P | |

| Macola MRP Exceptions Report - columns | | | | | | | | | | | | | | | | | |
|---|---------------------|--------------------|------------|------------|---------|-----|------------|--------------------|------------------------|-------------|----------|------------------|-------------------------|----------------------|-------------|---------------|--------------|
| Drag a column header here to group by that column | | | | | | | | | | | | | | | | | |
| Item Number | Description | Description 2 | Pur or Mfg | Order Type | Order # | Loc | Too Lat... | Too Few Ordered... | Excess Qty Ordered (C) | Not Need... | No BO... | Negative Qty (F) | Order Qty Exceeds Ma... | Insuffici... Qty (H) | Too Earl... | More Neede... | Too Soon (L) |
| BIKEAS | Adventure Bike, ... | Shop Floor Mfg ... | M | SO | 63 | | A | | | | | | | H | I | | |
| BIKEAS | Adventure Bike, ... | Shop Floor Mfg ... | M | SO | 61 | | A | | | | | | | | I | | |
| BIKEAS | Adventure Bike, ... | Shop Floor Mfg ... | M | SO | 59 | | A | | | | | | | | I | | |
| BIKEAS | Adventure Bike, ... | Shop Floor Mfg ... | M | SO | 57 | | A | | | | | | | | I | | |
| BCABASSY | Brake and Cabl... | | M | PP | 47 | | A | | | | | | | | I | | |
| BCABASSY | Brake and Cabl... | | M | PO | 6800 | | A | | | | | | | H | I | | |

| Contents of the MRP pegging file | | | | | | | | | | | | |
|---|----------|------------|------------|-----------|-----------|-------------|-----------|------------|-----------|----------------|-------------|------|
| Drag a column header here to group by that column | | | | | | | | | | | | |
| gen_file | peg_type | ll_item_no | hl_item_no | ll_due_dt | hl_due_dt | ll_ord_type | ll_ord_no | ll_line_no | ll_rel_no | qty_of_ll_item | hl_ord_type | hl_c |

MR2 – Macola® MRP Exceptions Report – this report displays MRP exceptions, grouped by Exception Code instead of a column for each exception.

| MRP Exceptions report (non-columns) | | | | | | | | | | | | |
|---|----------|------------------------------|-----|-----|---------|----------|----------|----------------|---------------|-----------------|---------------------|---|
| Exception <input type="text" value=""/> | | | | | | | | | | | | |
| Order Type | Item # | Description | Loc | P/M | Order # | Due Dte | P/O Dte | POP Release Dt | P/O Remaining | Revised Due Dte | Vendor | |
| [-] Exception: Insufficient Qty (H) | | | | | | | | | | | | |
| PO | BCABASSY | Brake and Cable Assembly | | M | 6800 | 04/02/10 | 03/31/10 | 08/13/12 | 100 | | Shimani Corporation | C |
| SO | BIKEAS | ADVENTURE BIKE, LW, BLACK | | M | 63 | 11/14/11 | | 09/26/11 | | | | C |
| [-] Exception: More Needed (J) | | | | | | | | | | | | |
| CP | BCABLE | Cable for Brakes 1 | | P | 19 | 08/13/12 | | 08/13/12 | | | | C |
| CP | BCALIPER | Brake Caliper, Titanium | | P | 21 | 08/13/12 | | 08/13/12 | | | | C |
| CP | BCALIPER | Brake Caliper, Titanium | | P | 20 | 08/13/12 | | 08/13/12 | | | | C |
| CP | BPADS | Brake Pads, Extra Dual Pivot | | P | 22 | 08/13/12 | | 08/13/12 | | | | C |

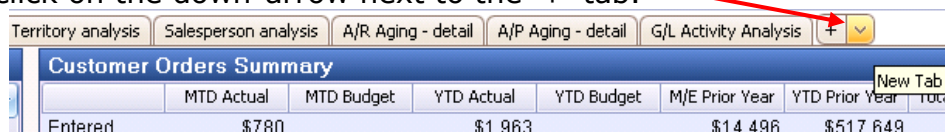
How to Import Custom Tabs

PULSE Dashboard has the ability to import custom reports that have been created in another database or by another user. This is done as part of the standard Save and Share functionality. This functionality also allows our support desk or users at one PULSE customer to exchange tabs or report with another PULSE customer.

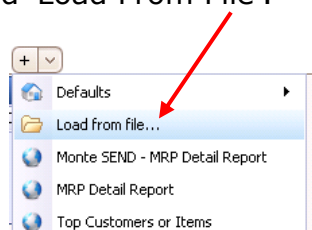
Begin by Saving the file from your e-mail to a folder you can easily access. Then import as shown below.

Importing a Custom Tab

1. To import a new tab, click on the down-arrow next to the '+' tab.



2. Select the option called 'Load From File'.



3. Use the Explorer window to select the 'ptab' file name.
4. The new tab will now appear on your screen.

For more information or a demonstration, call (513) 723-8091

Leahy Consulting is an independent ERP consulting company with over 25 years of experience supporting and optimizing Macola® ERP systems. Leahy Consulting is not Macola® software reseller or associated with ECi® Software.

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Expert Support/Optimization for 25 years
Developer of Pulse Dashboard software