



# upland Ultriva

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Ultriva 8.3 version

Release Notes

By Upland Software

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Version 1.0

**Table of Contents**

**1 Enhancements..... 3**

1.1 Production Sequence Changes..... 3

    1.1.1 Added scraped quantity to the following screens..... 3

    1.1.2 Added Scrap Reason dropdown populated from Scrap Reason entity..... 6

    1.1.3 Added new custom Production History report in LFM section ..... 7

1.2 Show operation instructions on Close Schedule ..... 8

1.3 Show operation instructions on Close Schedule ..... 10

1.4 Use item/operation/machine cycle time in calculations for OEEReport/Capacity Utilization Machine detail report ..... 10

1.5 Allow user to set Machine Cycle Time and cycle time unit when assigning Operations for item ..... 10

1.6 Allow user to set next machine for each operation on re sequence Production Orders (Orders in Production tab)..... 11

1.7 On Capacity Utilization OEE Report change tooltip to show machine capacity ..... 11

1.8 Pre-Assign default machine when releasing cards and closing operations ..... 12

1.9 Work Orders: Added Multiple Partial Starts-Prevent multiple partial start of job by same user ..... 13

1.10 Routing Label Field on the Item can be updated via the Item Sync/Data Load.. 14

1.11 Improve colouring for grids and selected rows in application ..... 14

1.12 Update IR ISO Quantity if the available quantity is less than order quantity ..... 14

1.13 PO Approval to be automated after a PO change ..... 14

1.14 Full release ID Field for the Pick PO Receipt to be exported in a report, like the Integration report for PO Receipt , PO Create ...etc ..... 14

1.15 Number of copies on Print on Ship screen- Use Plant To Supplier Setting Use Plant Setting Use Input Value..... 14

1.16 Update in SO Sync Query..... 15

1.17 Inspect Items Enhancement..... 15

1.18 Add Scheduled Report capability to S-QMS Supplier Score Card in both buyer and supplier reports..... 15

1.19 Added Supplier Rating Criteria entity in Plant Entities ..... 15

# Ultriva 8.3 Release Notes

## 1 Enhancements

### 1.1 Production Sequence Changes

Production sequence changes are listed here.

#### 1.1.1 Added scrapped quantity to the following screens

Active orders list:

| RYG                  | Card ID      | Item       | Operation Name              | Machine     | Start Time             | Card Qty                       | Completed Qty | Scrapped Qty | Past Due |
|----------------------|--------------|------------|-----------------------------|-------------|------------------------|--------------------------------|---------------|--------------|----------|
| 2018-09-11 (Tuesday) |              |            | Capacity Utilization        |             | 2523963%               | 201917 Hour(s) and 1 Minute(s) |               |              |          |
|                      | KCDGX7TRAMQ  | ITWC241818 | OperationMulti1 (Completed) |             | 08/27/2018 04:36:43 PM | 120                            | 0             | 0            |          |
|                      | KCDGX8TRAK2  | ITWC241818 | OperationMulti2             | MachineDie1 | 08/27/2018 05:22:18 PM | 120                            | 45            | 45           |          |
|                      | KCDGX5GTRAST | ITWC241818 | OperationMulti1             | Machine1    | 09/11/2018 05:43:45 PM | 120                            | 45            | 233          |          |
|                      | KCDGX5TRAY6  | IT060918   | OperationMulti1 (Completed) |             | 09/06/2018 11:52:39 AM | 120                            | 0             | 0            |          |
|                      | KCDGXSLTRA25 | IT060918   | OperationMulti1             | Machine1    | 09/11/2018 05:43:46 PM | 120                            | 0             | 0            |          |
|                      | KCDGXSMTRAVX | IT060918   | OperationMulti1             | Machine1    | 09/11/2018 05:43:47 PM | 120                            | 0             | 0            |          |
|                      | KCDGXSTTRAVA | IT060918   | -Accepted-                  |             | -                      | 120                            | 0             | 0            |          |
|                      | KCDGXSVTRAZ5 | IT060918   | -Accepted-                  |             | -                      | 120                            | 0             | 0            |          |

Orders in productions list:

| YG | Card ID       | Item       | Operation Name  | Machine     | Start Time             | Card Qty | Completed Qty | Scrapped Qty | Past Due |
|----|---------------|------------|-----------------|-------------|------------------------|----------|---------------|--------------|----------|
|    | KCDGX7TRACX   | IT120718   | Operation1      |             | 08/08/2018 10:19:58 AM | 50       | 0             | 0            |          |
|    | KCDGX7WTRAAD  | IT120718   | Operation2      | Machine2    | 08/08/2018 10:38:17 AM | 50       | 0             | 0            |          |
|    | KCDGX7STRALW  | IT120718   | Operation1      | Machine1    | 08/08/2018 04:49:17 PM | 50       | 0             | 0            |          |
|    | KCDGX7RTRABT  | IT120718   | Operation1      | Machine1    | 08/08/2018 04:49:51 PM | 50       | 0             | 0            |          |
|    | KCDGXBU TRAKZ | IT090818   | Operation-Die   | MachineDie2 | 08/09/2018 02:57:00 PM | 100      | 44            | 0            |          |
|    | KCDGXCS TRAE  | IT090818   | Operation-Die   | Mach311017  | 08/09/2018 03:19:14 PM | 100      | 0             | 0            |          |
|    | KCDGXBS TRAH5 | IT090818   | Operation-Die   | MachineDie1 | 08/09/2018 03:28:34 PM | 100      | 0             | 0            |          |
|    | KCDGXDR TRAH3 | IT130818   | OperationMulti1 | Machine1    | 08/13/2018 05:50:59 PM | 100      | 33            | 33           |          |
|    | KCDGXHT TRAHV | IT130818   | \$              | Machine1    | 08/24/2018 04:19:20 PM | 100      | 0             | 0            |          |
|    | KCDGX6 TRAAAM | ITWC241818 | OperationMulti1 | Machine1    | 08/27/2018 04:39:48 PM | 120      | 0             | 0            |          |

# Ultriva 8.3 Release Notes

Completed

orders

list:

upland Ultriva 8.3 QA Test Site

Business Unit: DatabizWareHouse Application: Application (Plant)

Completed Orders

Select Operation: All Operations Close Date Range: 09/11/2018-09/11/2018 Show Report

Active Orders Orders In Production **Completed Orders** Operator Efficiency

Sorted by: End Time 1 to 2 of 2

| Supplier Item No. | Operation Name  | Plant Name | Card ID      | Cycle No | Req. End Time          | End Time               | Completed Qty | Scrapped Qty | Completed By         | Print? |
|-------------------|-----------------|------------|--------------|----------|------------------------|------------------------|---------------|--------------|----------------------|--------|
| ITWC241818        | OperationMulti2 | WLine1     | KCDGXJBTAK2  | 1        | 09/02/2018 05:22:18 PM | 09/11/2018 05:44:11 PM | 45            | 45           | databizwarehouseuser | Print  |
| ITWC241818        | OperationMulti1 | WLine1     | KCDGXSGTRAST | 1        | 09/12/2018 12:45:56 AM | 09/11/2018 05:44:14 PM | 45            | 233          | databizwarehouseuser | Print  |

Re

sequence

production

orders-Active

orders

list:

engineeringmvc4.ultrivalms.com/ProductionAction/RescheduleOrders

upland Ultriva 8.3 QA Test Site

Business Unit: DatabizWareHouse Application: Application (Plant)

Resequence Production Orders

Item: IT270818 Equal To Go

Find Card ID

Reschedule Reset Job Paste Before Paste After Hot Order Bookmark Go To Book

Active Orders Completed Orders View Orders By Item Orders In Production

Viewing 1 to 1 of 5 Page Week of (09/09 - 09/15)

| RYG                    | Card ID      | Cycle No | Item     | Description          | Operation Name                  | Machine  | Plant                       | Card Qty | Completed Qty | Scrapped Qty | Hot Flag | Past D |
|------------------------|--------------|----------|----------|----------------------|---------------------------------|----------|-----------------------------|----------|---------------|--------------|----------|--------|
| 2018-09-11 (Tuesday)   |              |          |          | Capacity Utilization | 310%                            |          | 24 Hour(s) and 43 Minute(s) |          |               |              |          |        |
| ■                      | KCDGXJBTARQS | 1        | IT270818 | Test PS changes      | Operation1                      | Machine1 | WLine1                      | 100      | 0             | 0            |          | ⚠      |
| ■                      | KCDGXJMTRANG | 1        | IT270818 | Test PS changes      | Operation Details: KCDGXJBTARQS |          |                             | 100      | 0             | 0            |          | ⚠      |
| ■                      | KCDGXJPTRAGE | 1        | IT270818 | Test PS changes      | Operation1                      | Machine1 | 0                           | 100      | 0             | 0            |          | ⚠      |
| 2018-09-12 (Wednesday) |              |          |          | Capacity Utilization |                                 |          | 0 Hour(s) and 0 Minute(s)   |          |               |              |          |        |
| 2018-09-13 (Thursday)  |              |          |          | Capacity Utilization |                                 |          | 0 Hour(s) and 0 Minute(s)   |          |               |              |          |        |

# Ultriva 8.3 Release Notes

## Re sequence production orders- orders in production list:

Completed Orders > Actions > Resequence Production Orders

Business Unit: DatabizWareHouse Application: Application (Plant)

### Resequence Production Orders

Select Operation: All Operations Item: Equal To IT270818

Find Card ID

Capacity Utilization Report: Started Stopped not finished

Update Order(s)

Active Orders Completed Orders View Orders By Item **Orders In Production**

Viewing 1 to 1 of 5 Page Week of (09/09 - 09/15) of 5

| RYG | Card ID       | Cycle No                    | Item     | Description                      | Operation Name | Machine                            | Plant   | Card Qty | Completed Qty | Scrapped Qty | Hot Flag | Past Due |
|-----|---------------|-----------------------------|----------|----------------------------------|----------------|------------------------------------|---------|----------|---------------|--------------|----------|----------|
|     |               | <b>Capacity Utilization</b> |          | <b>310%</b>                      |                | <b>24 Hour(s) and 43 Minute(s)</b> |         |          |               |              |          |          |
|     | KCDGXBTBTRAQ5 | 1                           | IT270818 | Test PS changes                  | Operation1     | Machine1                           | WCLine1 | 100      | 0             | 0            |          |          |
|     | KCDGXJMTTRANG | 1                           | IT270818 | Test PS changes                  | Operation2     | Machine2                           | WCLine1 | 100      | 0             | 0            |          |          |
|     | KCDGXJPTTRAGE | 1                           | IT270818 | Test PS changes                  | Operation1     |                                    | WCLine1 | 100      | 0             | 0            |          |          |
|     |               | <b>Capacity Utilization</b> |          | <b>0 Hour(s) and 0 Minute(s)</b> |                |                                    |         |          |               |              |          |          |
|     |               | <b>Capacity Utilization</b> |          | <b>0 Hour(s) and 0 Minute(s)</b> |                |                                    |         |          |               |              |          |          |
|     |               | <b>Capacity Utilization</b> |          | <b>0 Hour(s) and 0 Minute(s)</b> |                |                                    |         |          |               |              |          |          |

## OEE Report -Closed Production:

engineeringmvc4.ultrivams.com/OEEReport/ClosedProductionDetails?

8.3 QA Test Site

Completed Orders > Reports > Closed Production Report

Business Unit: DatabizWareHouse Application: Application (Plant)

### Closed Production Details

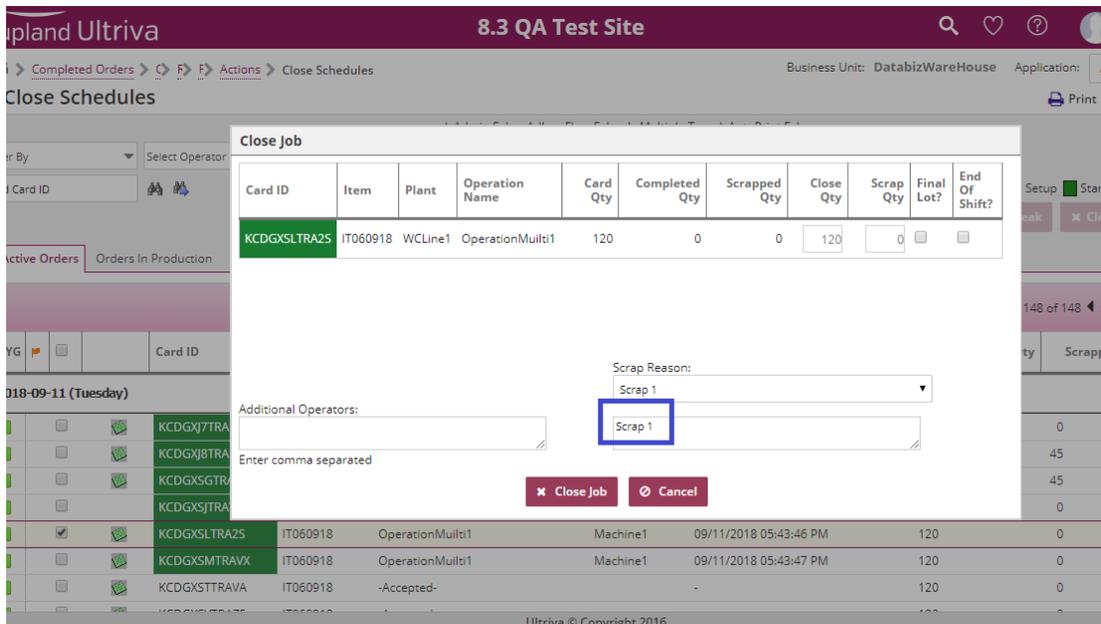
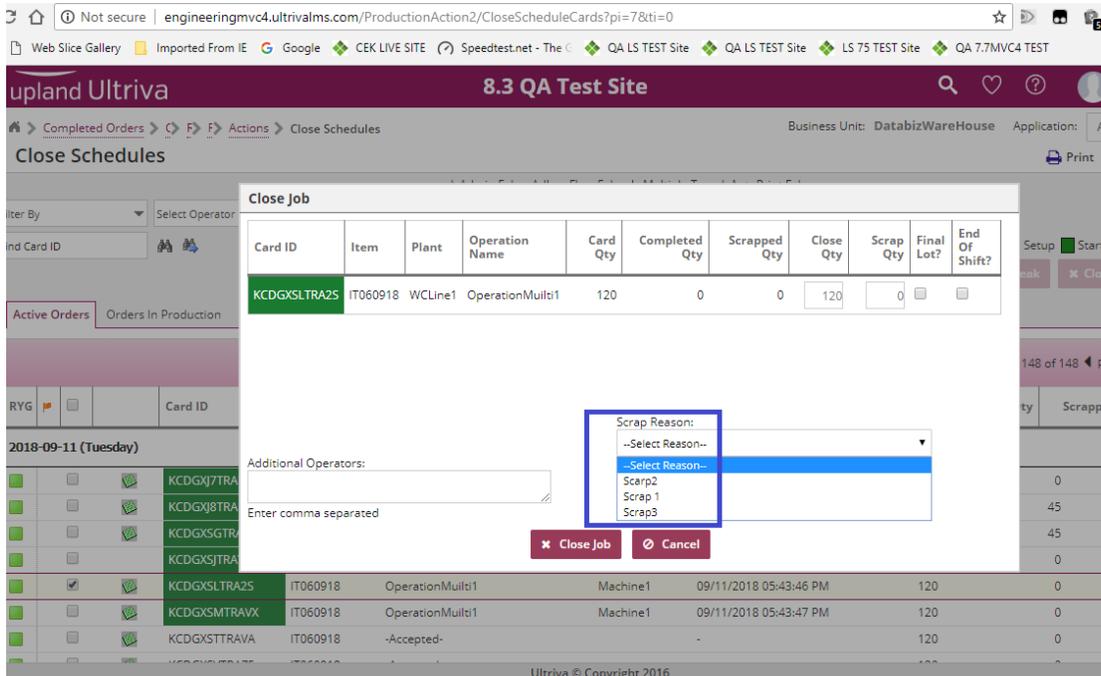
Supplier: DatabizWareHouse, DateRange: 09/01/2018-09/11/2018, Item: IT060918, Plant: All Plants, Operation: All Operations

Sorted by: End Time 1 to 3 of 3

| Supplier Item No. | Operation Name  | Plant Name | Card ID      | Cycle No | Req. End Time          | End Time               | Completed Qty | Scrapped Qty | Completed By         |
|-------------------|-----------------|------------|--------------|----------|------------------------|------------------------|---------------|--------------|----------------------|
| IT060918          | OperationMulti1 | WCLine1    | KCDGXSKTRA73 | 1        | 09/06/2018 06:41:28 PM | 09/06/2018 11:39:09 AM | 44            | 44           | databizwarehouseuser |
| IT060918          | OperationMulti2 | WCLine1    | KCDGXSKTRA73 | 1        | 09/06/2018 11:44:07 PM | 09/06/2018 11:44:37 AM | 44            | 0            | databizwarehouseuser |
| IT060918          | OperationMulti1 | WCLine1    | KCDGXJTRAY6  | 1        | 09/06/2018 06:55:19 PM | 09/06/2018 11:52:46 AM | 120           | 0            | databizwarehouseuser |
| <b>Total</b>      |                 |            |              |          |                        |                        | <b>208</b>    | <b>44</b>    |                      |

# Ultriva 8.3 Release Notes

## 1.1.2 Added Scrap Reason dropdown populated from Scrap Reason entity



Selected scrap reason gets copied in text field. If user changes text field and selected value from dropdown is still not included selected text will be added in front of typed in scrap reason and available for review at Scrap report.

# Ultriva 8.3 Release Notes

In scrap report:

Supplier: DatabizWareHouse, DateRange: 09/01/2018-09/11/2018, Item: IT060918

Sorted by: Date

| Supplier Item No. | Units Scrapped | Scrap At Point  | Card ID      | Cycle No | Date       | Scrap Reason |
|-------------------|----------------|-----------------|--------------|----------|------------|--------------|
| IT060918          | 44             | CloseProduction | KCDGX5KTRA73 | 1        | 09/06/2018 | Scrap 1      |

## 1.1.3 Added new custom Production History report in LFM section

This report shows production history- close history (EndOperation) and operation on hold time (Pause Production).

Not secure | engineeringmvc4.ultrivalms.com/CreateCustomReport/List

Ultriva 8.3 QA Test Site

Completed Orders > Reports > Create Custom Reports

| Title   | Description                                     |
|---|---|
| Back Ordered Cards Report                         | Back Ordered Cards Report                       |
| Pick List Consumption Report                      | Pick List Consumption Report                    |
| Cross Tab History for Shelf Life Controlled Items | Kanban cycle historical data for shelf life con |
| RFQ Header Details                                | RFQ Header and Details                          |
| RFQ Details                                       | RFQ Ticket Details                              |
| RFQTicket2Suppliers                               | RFQ Ticket to Suppliers                         |
| Suppliers with No Purchasing Activity             | Suppliers with No Purchasing Activity           |
| Work Order History Report                         | Work Order History                              |
| Work Order QA Results Report                      | Work Order QA Operations Results                |
| Production History Report                         | Production Operation History                    |
| Integration Errors Report                         | Integration Errors Report                       |

# Ultriva 8.3 Release Notes

*Hold reason gets recorded by the same rule as scrap reason:*

On hold reasons dropdown populated from Production Issue entity.

Selected hold reason gets copied in text field. If user changes text field and selected value from dropdown is still not included selected text will be added in front of typed in hold reason. Hold reason is available in Production History custom report.

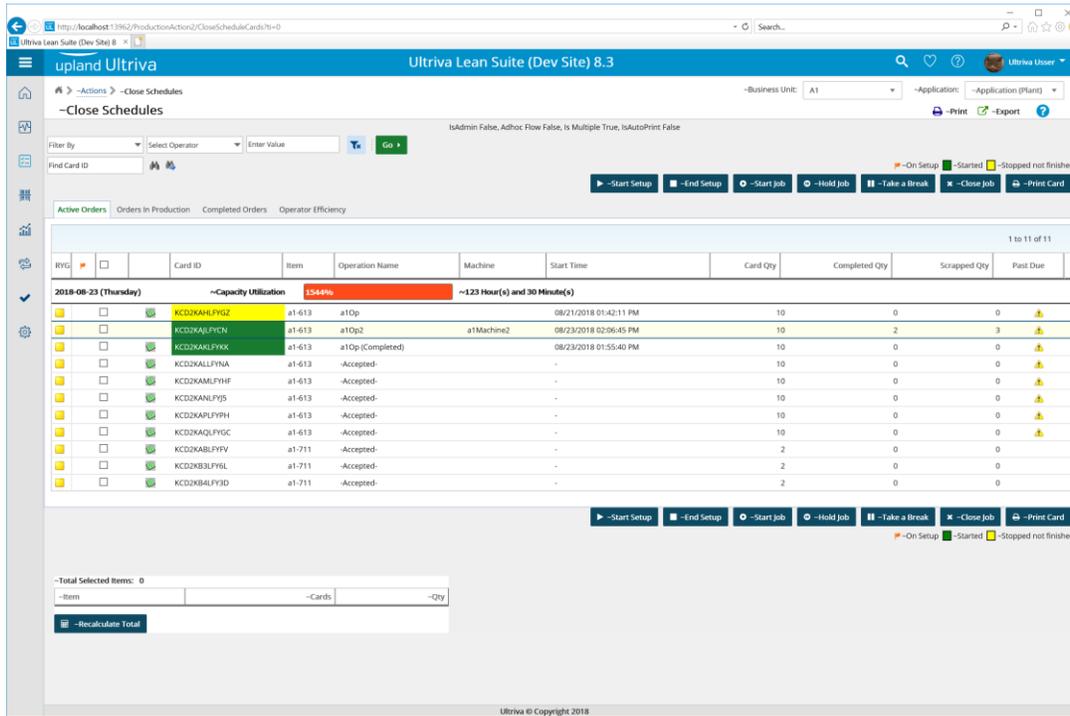
| Cycle No | Req. End Time          | Start Time             | End Time               | Completed Qty | Scrapped Qty | Completed By         | Setup Time (minutes) | Unsetup Time | Defined Cycle Time | Pause Start Time       | Pause End Time | Hold Reason | Machine Code | Machine Description | Status          |
|----------|------------------------|------------------------|------------------------|---------------|--------------|----------------------|----------------------|--------------|--------------------|------------------------|----------------|-------------|--------------|---------------------|-----------------|
| 1        | 09/12/2018 12:45:56 AM | 09/11/2018 05:43:45 PM | 09/11/2018 05:44:14 PM | 45            | 233          | databizwarehouseuser | 18,000               | 7,200        | 1.0909             | -                      | -              |             | Machine1     | Machine1            | EndOperation    |
| 1        | 09/06/2018 06:55:19 PM | 09/06/2018 11:52:39 AM | 09/06/2018 11:52:46 AM | 120           | 0            | databizwarehouseuser | 18,000               | 7,200        | 1.3333             | -                      | -              |             | Machine2     | Machine2            | EndOperation    |
| 1        | 09/06/2018 06:41:28 PM | 09/06/2018 11:38:48 AM | 09/06/2018 11:39:09 AM | 44            | 44           | databizwarehouseuser | 18,000               | 7,200        | 1.3333             | -                      | -              |             | Machine1     | Machine1            | EndOperation    |
| 1        | 09/06/2018 11:44:07 PM | 09/06/2018 11:43:09 AM | 09/06/2018 11:44:37 AM | 44            | 0            | databizwarehouseuser | 21,600               | 21,600       | 1.3333             | -                      | -              |             | MachineDie1  | MachineDie1         | EndOperation    |
| 1        | 09/12/2018 12:46:26 AM | 09/11/2018 05:43:46 PM | 09/11/2018 06:00:12 PM | 120           | 0            | databizwarehouseuser | 18,000               | 7,200        | 1.3333             | -                      | -              |             | Machine1     | Machine1            | EndOperation    |
| 1        | 09/12/2018 12:46:27 AM | 09/11/2018 05:43:47 PM | 09/11/2018 06:40:14 PM | 0             | 0            | databizwarehouseuser | 18,000               | 7,200        | 1.3333             | 09/11/2018 06:40:14 PM | -              | Plrete      | Machine1     | Machine1            | PauseProduction |

## 1.2 Show operation instructions on Close Schedule

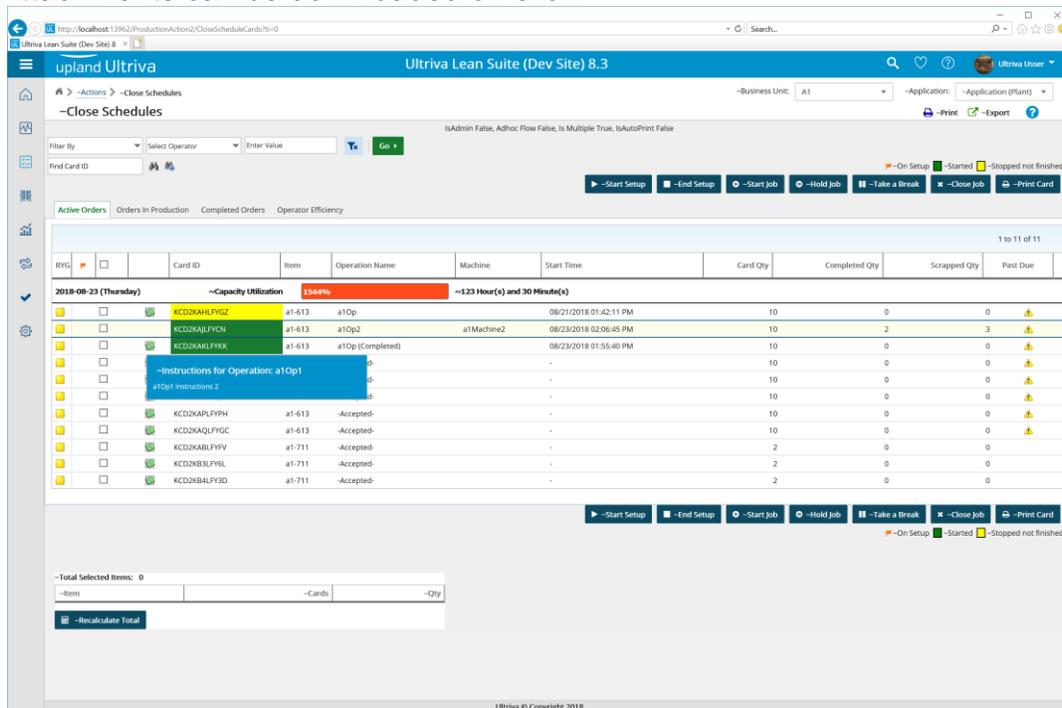
Current operation (for job that started) or next operation (for job scheduled to start) has instructions, they can be reviewed on this screen.

This is true for Sequential operation completion flow. In case of ad hoc flow behavior is slightly different because we let user to choose next operation and keep the record of closed operation as a current one. The most important is that we show correct attachment for whatever current/next operation for the card.

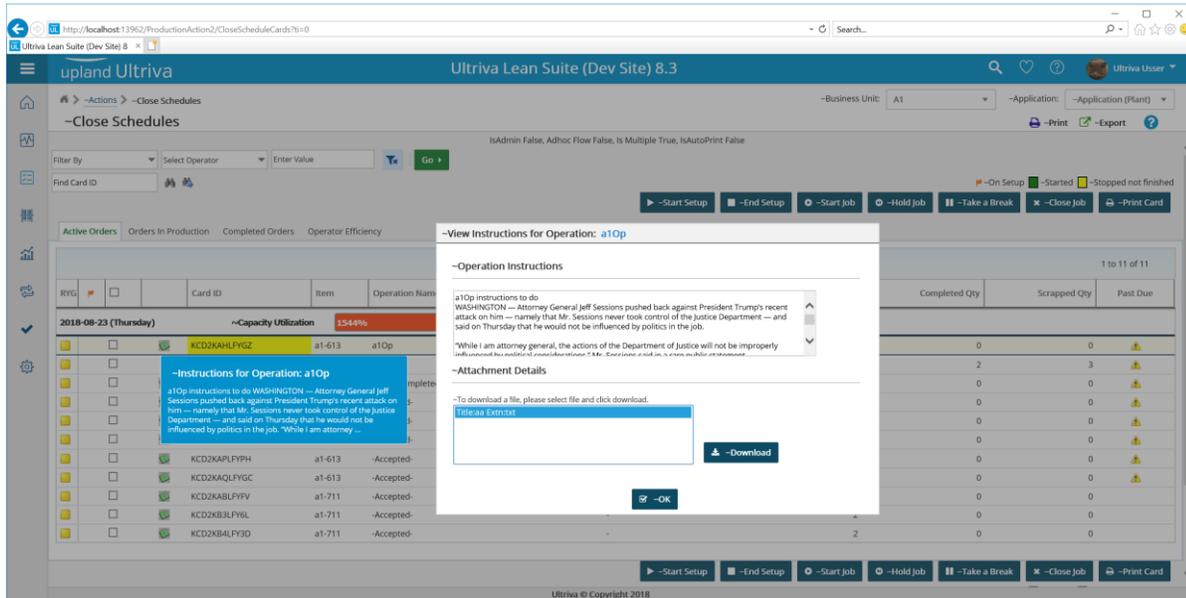
# Ultriva 8.3 Release Notes



In tooltip we show operation name and short version – first 300 chars of instructions. Attachments can be downloaded on click:



# Ultriva 8.3 Release Notes



## 1.3 Show operation instructions on Close Schedule

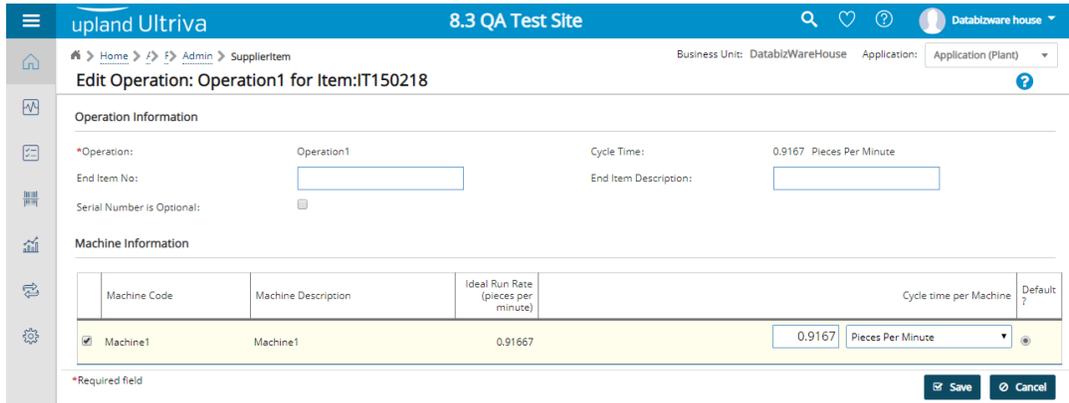
## 1.4 Use item/operation/machine cycle time in calculations for OEEReport/Capacity Utilization Machine detail report

## 1.5 Allow user to set Machine Cycle Time and cycle time unit when assigning Operations for item

When assigning operations to Supplier Item, now you can set cycle time per machine and select which is the cycle time unit you want to use. When you load existing operation information, cycle time will be displayed in Pieces Per Minute unit by default.

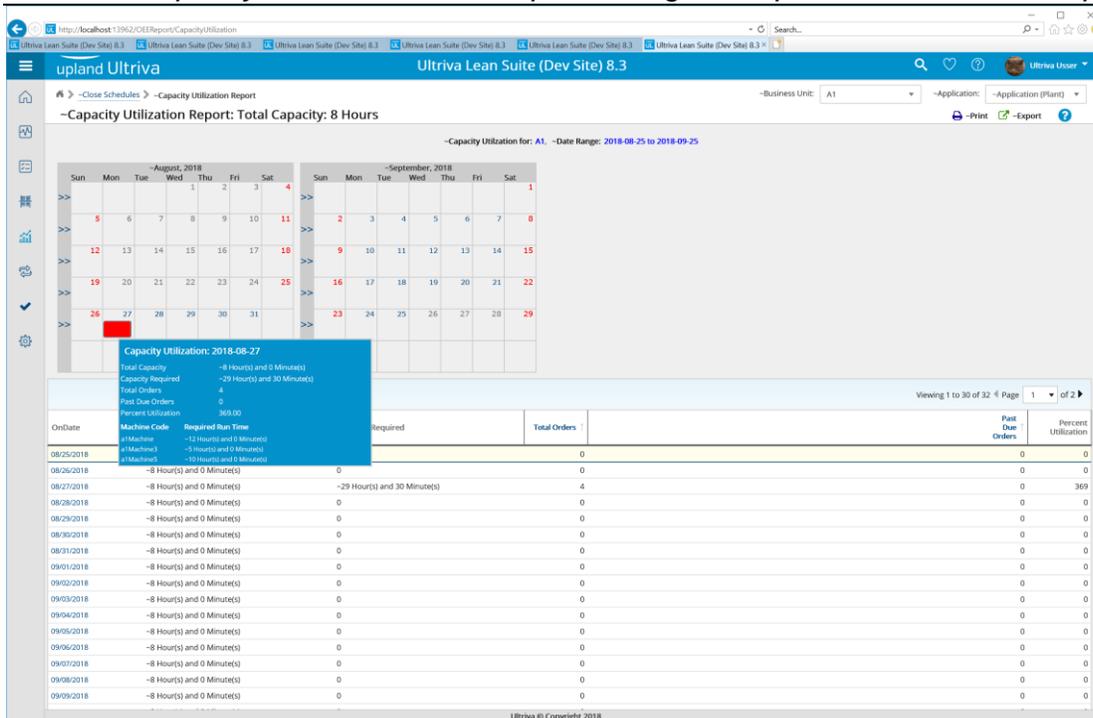
Main operation cycle time is assigned according to the selected default machine. Once you update cycle time for default machine, main operation cycle time will be updated.

# Ultriva 8.3 Release Notes



1.6 Allow user to set next machine for each operation on re sequence Production Orders (Orders in Production tab)

1.7 On Capacity Utilization OEE Report change tooltip to show machine capacity



## Ultriva 8.3 Release Notes

### 1.8 Pre-Assign default machine when releasing cards and closing operations

When you assign operations/machines to Supplier Item, there is one column named "Default", when you configure default machine for each operation/supplier item, this default machine will be pre-assigned to accepted cards (Auto/Manual accept process), so, Capacity Utilization OEE Report will reflect information about pre-assigned machines.

The screenshot shows the 'Edit Operation' screen in the Ultriva 8.3 QA Test Site. The page title is 'Edit Operation: Operation1 for Item:IT150218'. The 'Operation Information' section includes fields for 'Operation' (Operation1), 'Cycle Time' (0.9167 Pieces Per Minute), 'End Item No.', 'End Item Description', and a checkbox for 'Serial Number is Optional'. The 'Machine Information' section features a table with the following data:

| Machine Code | Machine Description | Ideal Run Rate (pieces per minute) | Cycle time per Machine   | Default |
|--------------|---------------------|------------------------------------|--------------------------|---------|
| Machine1     | Machine1            | 0.91667                            | 0.9167 Pieces Per Minute | ?       |

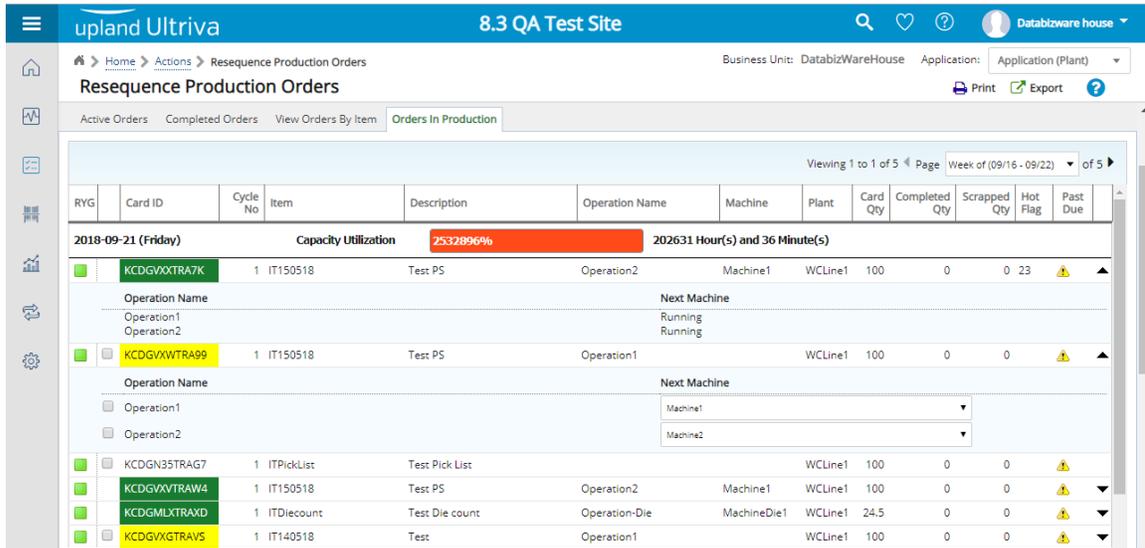
At the bottom of the screen, there are 'Save' and 'Cancel' buttons, and a note that asterisks indicate required fields.

On Supplier Item/Assigned Operations, Add/Edit operations to Supplier Item. When setting Ideal Run Rate, be sure you select at least one Default machine from the machine list.

After you set machines and default machines for all operations. Follow a regular card cycle (Create cards, Release Cards, Accept Cards). Accept process can be manual or automatic (depending from configuration)

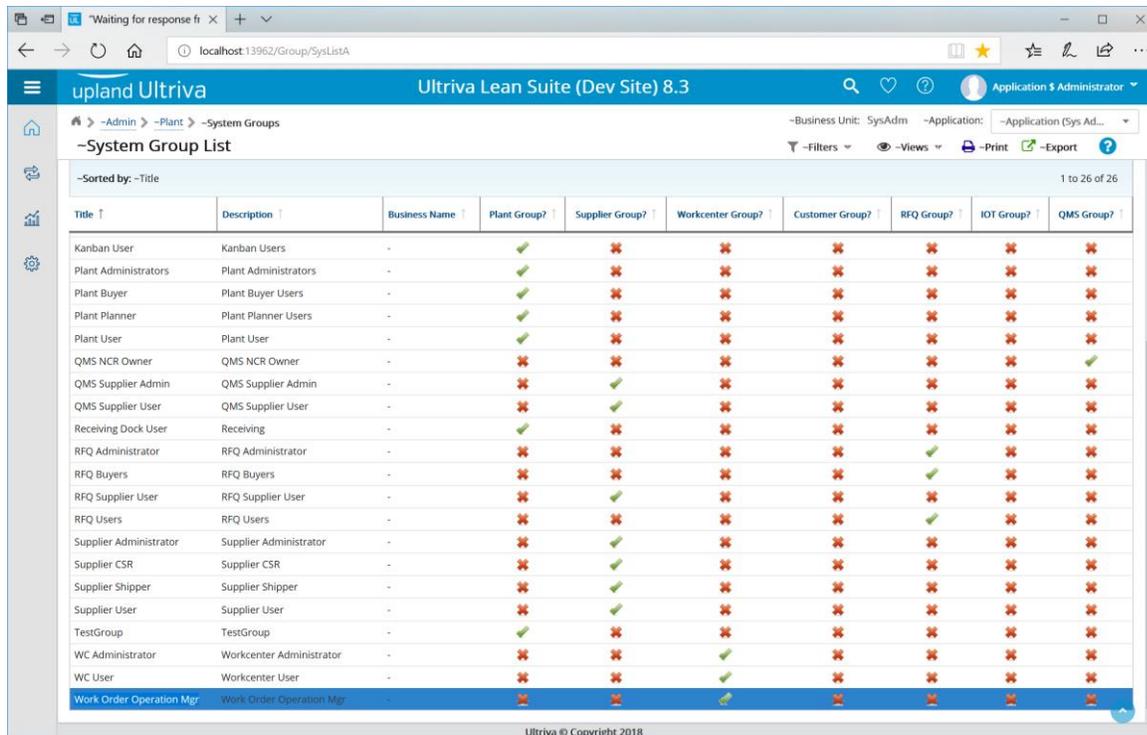
- When cards are accepted, go to OEEReports/Capacity Utilization Report and capacity will be updated according to pre- assigned machines.
- Next Machine selection in Resequence Production Orders screen (Orders in Production tab) you will override the default setting. Here you can select next machine for each operation assigned to job. After changes made, select rows you want to update and press Update Orders button.

# Ultriva 8.3 Release Notes



## 1.9 Work Orders: Added Multiple Partial Starts-Prevent multiple partial start of job by same user

### Process: New System Group created: Work Order Operation Manager



## Ultriva 8.3 Release Notes

When user belongs to this group on Plant and workcenter level he can start/close operations on behalf of other users/operators. This user has to be setup to access certain operation.

**Start Operation:** user can start operation for Qty of wo or less. If one user started an operation for partial qty another user can start an operation for the rest of the items. Each user can see number of completed operations by all users. quantity "In process" refers to quantity started by this user only.

Operation can be started for any available quantity. The limitation is only one batch can be in process per user at a time.

**EX:** WO available quantity is 10. Operator started operation for qty 3. Operator has to close operation before starting the rest quantity of 7. If combine quantity of Close quantity and Scrap quantity is less than in process quantity for this operator the rest of quantity will go on hold. This is done to accurately calculate time spend on the operation.

**Note:** lot of enhancements done, if need more information, will send doc separately.

*1.10 Routing Label Field on the Item can be updated via the Item Sync/Data Load*

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*1.11 Improve colouring for grids and selected rows in application*

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*1.12 Update IR ISO Quantity if the available quantity is less than order quantity*

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*1.13 PO Approval to be automated after a PO change*

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*1.14 Full release ID Field for the Pick PO Receipt to be exported in a report, like the Integration report for PO Receipt , PO Create ...etc*

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*1.15 Number of copies on Print on Ship screen- Use Plant To Supplier Setting Use Plant Setting Use Input Value*

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*1.16 Update in SO Sync Query*

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*1.17 Inspect Items Enhancement*

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*1.18 Add Scheduled Report capability to S-QMS Supplier Score Card in both buyer and supplier reports*

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*1.19 Added Supplier Rating Criteria entity in Plant Entities*

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