



upland Ultriva

Ultriva 9.4.1 version

Release Notes

By Upland Software

Version 1.0

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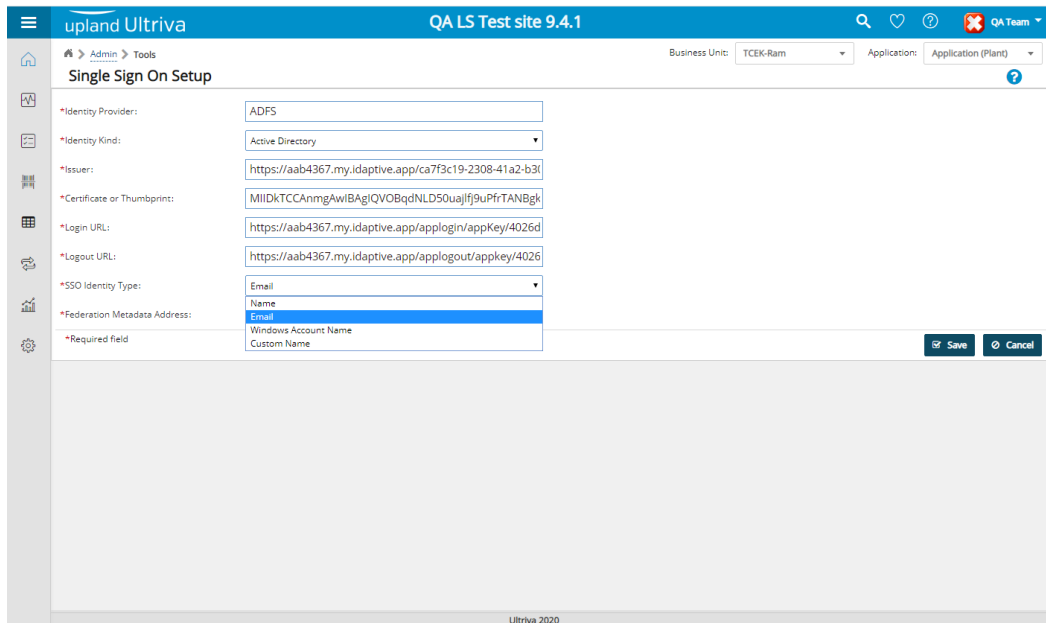
1 Enhancements

1.1 SSO enhancements

SSO process was improved to handle XML Metadata with different structures.



According to selected SSO Identity type, username on Ultriva should match with the selected type. For example, if Email is selected, Ultriva's username should be email like the one Identity provider will return



Ultriva supports these claim types:

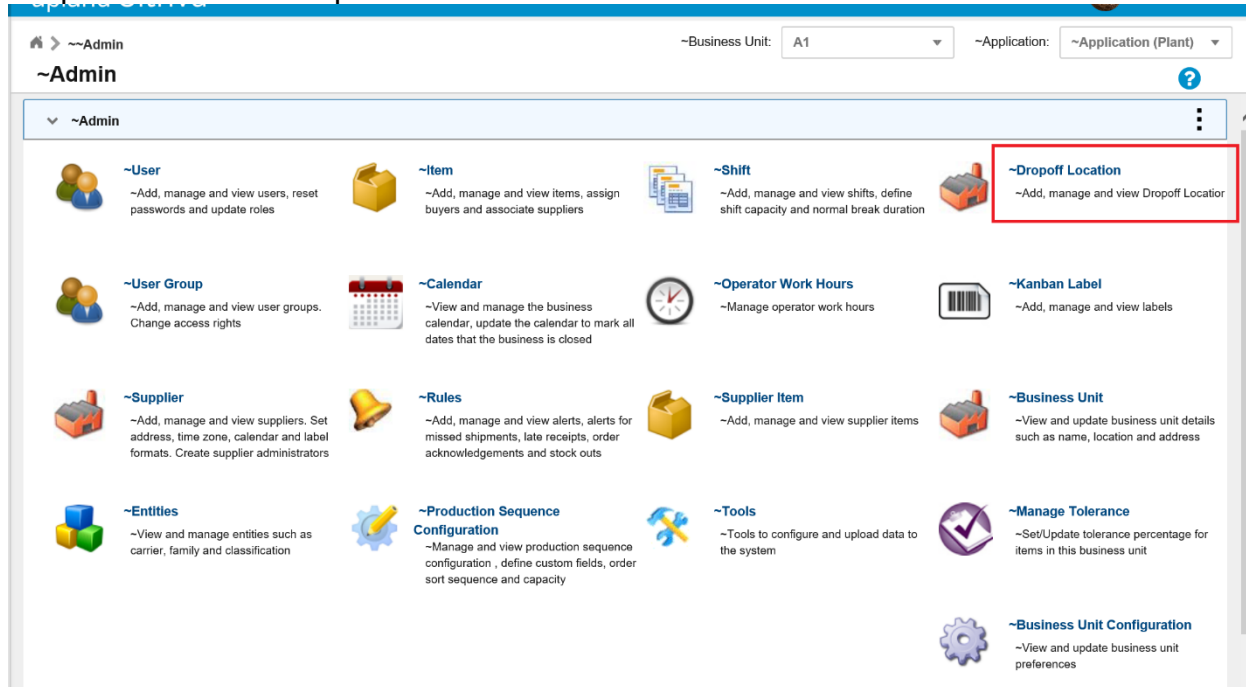
- Name
- <http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress>
- <http://schemas.microsoft.com/ws/2008/06/identity/claims/windowsaccountname>
- Custom Claim type: This field allows to configure any custom name returned by Identity provider

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1.2 Item Sync

1.2.1 Adding Dropoff Location Code to Item Sync

Drop off locations' setup for BU:



The screenshot shows the 'Modify Dropoff Location' form. The breadcrumb trail at the top reads '~Admin > ~Item > ~Dropoff Location'. The form title is '~Modify Dropoff Location A1DropOffLocation'. Below the title, there's a section for '~Address Information'. The form contains several input fields: '~Name' (A1DropOffLocation), '~Code' (A1DL), '~Address 1' (qq), '~Address 2' (empty), '~Address 3' (empty), '~City' (qq), '~State' (empty), '~Zip' (empty), and '~Country' (qq). A legend at the bottom left indicates that fields with an asterisk (*) are required. At the bottom right, there are two buttons: '~Save' and '~Cancel'.

For item sync upload we are using drop off location code value. On item screen user will observe drop off location name.

Confidential internal document

Date: April 14, 2020

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BU configuration to set drop off location for an item:

BU Configuration -> tab Receive -> Use Dropoff location for item delivery ON

~Admin ~Business Unit: A1 ~Application: ~Application (Plant)

~Workcenter Configuration for: A1 ~Last modified on [03/05/2020] by [Ultriva User]

General ~Card Custom Integration Pick List Print **Receive** Release Scan Ship Work Order

~Configuration Settings

~Name	~Value
Ad hoc receipts: ⓘ	<input type="button" value="OFF"/>
Receive Integration should wait for successful Release Integration: ⓘ	<input type="button" value="OFF"/>
Reverse Receipt LastLot Check: ⓘ	<input checked="" type="button" value="ON"/>
Scan Location: ⓘ	<input checked="" type="checkbox"/> Inherit From Plant <input type="checkbox"/> On Receive <input type="checkbox"/> On Approve <input type="checkbox"/> ~Receive only to Location on Card <input type="checkbox"/> ~Approve only to Location on Card
~Put Away Card action should wait for ERP Receipt Info: ⓘ	<input checked="" type="button" value="ON"/>
Use Dropoff location for item delivery: ⓘ	<input checked="" type="button" value="ON"/>
Skip Put Away when inspection is approved: ⓘ	<input type="button" value="OFF"/>
Serial Numbers for Serial Controlled Items on Receive: ⓘ	Inherit From Plant

*~Required field

Item -> View/Edit -> Additional Information -> select Dropoff location

~Admin ~Item ~Business Unit: A1 ~Application: ~Application (Plant)

~Modify Item a1BOM3 ~Last modified on [03/22/2019] by [Ultriva User]

Base Information Supplier **Additional Information** UOM Information Notes Custom Field List

~Additional Information

~Container Type:	<input type="text"/>	*~Shipping Weight:	<input type="text" value="0"/>
~Dimension Information			
*~Length:	<input type="text" value="0"/>	*~Width:	<input type="text" value="0"/>
*~Height:	<input type="text" value="0"/>	*~Dimension UOM:	~M - meters
*~Volume:	<input type="text" value="0"/>	*~Volume UOM:	~CBM - cubic meters
~Dropoff Location:	<div>~Select~ A1DropOffLocation</div>		

*~Required field

Field Mapping for JobErpItemSync
Add Flex field DropOffLocation:

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Upland Ultriva Ultriva Lean Suite (Dev Site) Search Heart Help Application \$ Administrator

Integration Admin Home Business Unit: SysAdm Application: ~Application (Sys Ad...)

~Field Mapping for JobErpltemSync

Description	Title	ERP Field
<input type="checkbox"/> SAFETYTIME	Safety Time	
<input type="checkbox"/> SUPPLIERITEMDESC	Supplier ItemDesc	
<input type="checkbox"/> SUPPLIERITEMNO	Supplier ItemNo	
<input type="checkbox"/> SUPPLIERPOLINENUM	PO. LineNum	
<input type="checkbox"/> SUPPLIERPONUM	PO. Num	
<input type="checkbox"/> TRANSITTIME	Transit Time	
<input type="checkbox"/> UOM	Unit Description	
<input type="checkbox"/> VENDORCODE	Vendor Code	

1

☒ ~Hide New Field

Field Type	Ultriva Field Name	ERP Field Name
Flex Field	DropOffLocation	DropOffLocation X

*~Required field

☒ ~Save ☐ ~Cancel

Upland Ultriva Ultriva Lean Suite (Dev Site) Search Heart Help Application \$ Administrator

Integration Admin Home Business Unit: SysAdm Application: ~Application (Sys Ad...)

~Field Mapping for JobErpltemSync

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Description	Title	ERP Field
<input type="checkbox"/> ABCCODE	ABC Code	
<input type="checkbox"/> BUYERCODE	Buyer Code	
<input type="checkbox"/> CARDQTY	Qty OnCard	
<input type="checkbox"/> CATEGORY	Item Category	
<input type="checkbox"/> CLASSIFICATIONCODE	Classification	
<input type="checkbox"/> CONSOLIDATE	Consolidate Ship Integration	
<input type="checkbox"/> DAILYDEMAND	Usage Per Day	
<input type="checkbox"/> DRAWINGREFNO	Drawing Ref No.	
<input checked="" type="checkbox"/> EBJ_RTPARAMS.binsize	EBJ RTPARAMS.binsize	
<input checked="" type="checkbox"/> EBJ_RTPARAMS.DropOffLocation	DropOffLocation	DropOffLocation
<input checked="" type="checkbox"/> EBJ_RTPARAMS.I2Sgr.firmzone	EBJ RTPARAMS.I2Sgr.firmzone	
<input checked="" type="checkbox"/> EBJ_RTPARAMS.lotinfo	EBJ RTPARAMS.lotinfo	
<input checked="" type="checkbox"/> EBJ_RTPARAMS.RoutineLabel	RoutineLabel	RoutineLabel

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In Item Sync file add column with header EBJ_RTPARAMS.DropOffLocation and valid drop off location code.

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If drop off location code not found in the system for item's BU item upload will fail with the error message:

Drop Off Location {DropOffLocation from input file} not found for Plant {PlantName}.

To reset drop off location to blank send in input file value \$\$reset.

1.2.2 Fixing behavior of indicator to set manual run line approval

The issue: if flex param ApprvRL presents in the file and empty we are getting a runtime exception.

Fix: if EBJ_RTPARAMS.ApprvRL value is empty just ignore, if field has value 1, yes, true - set item value to yes. Any other values - set to no.

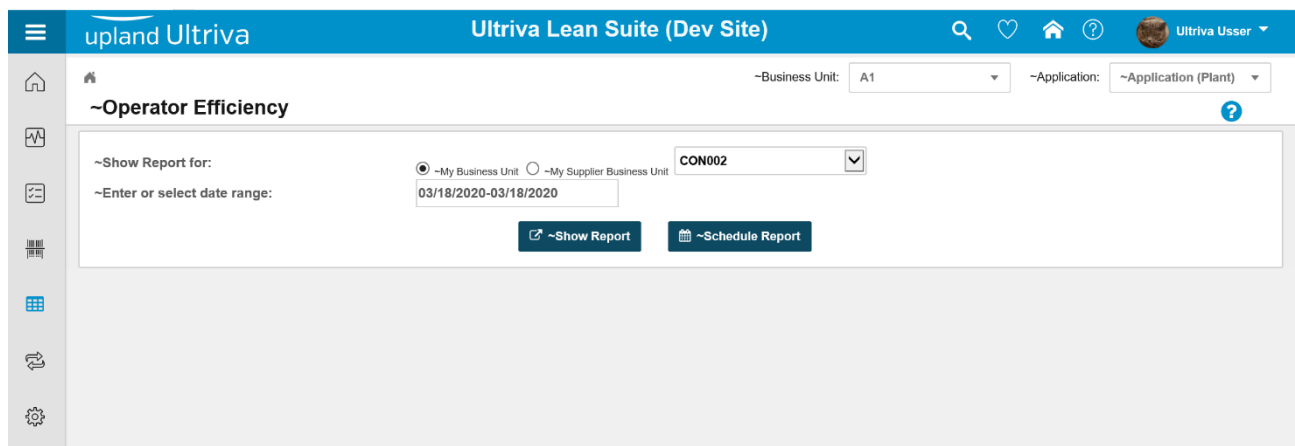
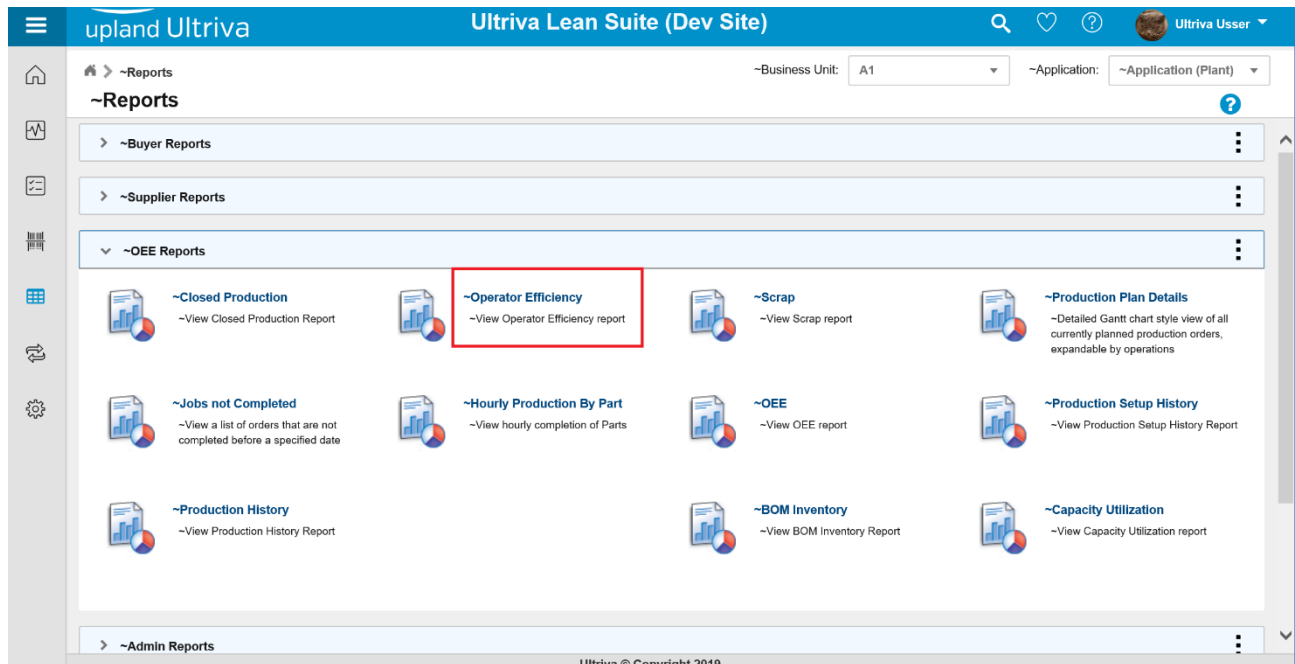
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1.3 OEE reports enhancements

1.3.1 Operator efficiency report

Operator efficiency report: fixing bugs and added scrap quantity

OEE Reports -> Operator efficiency report



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The screenshot shows the Ultriva Lean Suite (Dev Site) interface. The top navigation bar includes the Upland Ultriva logo, the site name, and user information (Ultriva User). The main header displays the report title '~Operator Efficiency Summary' and filters for Business Unit (A1) and Application (~Application (Plant)). Action buttons for Views, Print, Export, and Change Filter are visible. The report is sorted by Shift Day, showing 1 to 2 of 2 records. The data table lists operators and their efficiency metrics.

Operator Name	First Name	Last Name	Shift Day	Total Units Completed	Units Scrapped	Total Items Completed	Earned Hours
operator1	operator1	operator1	18/Mar/20	10	4	1	3.9169
ultrivauser	Ultriva	Usser	18/Mar/20	12	10	1	3.0427

Detail report:

Report shows completed orders grouped by item/operation/machine.

Setup time - item/operation/machine setup time

Cycle time set per item/operation/machine:

Cycle Time (minutes), Cycle Time (pieces per minutes)

Total Units Completed, Units Scrapped

Earned Hours = Setup time + Completed Qty * Cycle Time

The screenshot shows the Ultriva Lean Suite (Dev Site) interface for the Operator Efficiency Details report. The header includes the report title and filters for Business Unit (A1), Application (~Application (Plant)), Supplier (A1), Date Range (03/18/2020-03/18/2020), Shift Day (3/18/2020), and Operator (operator1). Action buttons for Print, Export, Change Filter, and Back to Summary are present. The report shows 1 to 4 of 4 records. The data table provides detailed metrics for each item, including setup time, cycle time, units completed, units scrapped, earned hours, and earned minutes.

Item No	Setup Time (minutes)	Cycle Time (minutes)	Cycle Time (pieces per minutes)	Total Units Completed	Units Scrapped	Earned Hours	Earned Minutes	Machine Code	Operation Name
a1-1023-sup	20.00000	0.50000	2.00000	2	0	0.3583	21.5	a1Machine4	a1Op
a1-1023-sup	0.00000	30.03003	0.03330	6	2	3.0030	180.1802	a1Machine1	a1Op1
a1-1023-sup	0.00000	16.66667	0.06000	1	2	0.2778	16.6667	a1Machine2	a1Op2
a1-1023-sup	0.00000	16.66667	0.06000	1	0	0.2778	16.6667	a1Machine5	a1Op2
Total	20.00000	63.86336		10	4	3.9169	235.0135		

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1.3.2 Machine Capacity Management

Adding red/green machine load indicator with tooltip: over capacity/within capacity

The screenshot displays the 'Machine Capacity Management' page in the Ultriva Lean Suite. The top navigation bar includes the 'upland Ultriva' logo and 'Ultriva Lean Suite (Dev Site)'. The main header shows the breadcrumb path: '~Plan Production Orders > ~Machine Capacity Management'. Below this, there are filters for '~Business Unit: A1' and '~Application: ~Application (Plant)'. The page title is '~Machine Capacity Management'. The interface includes a sidebar with icons for home, production orders, machine capacity management, and settings. The main content area shows the 'Machine Capacity Management' tab selected. It displays a summary of available run time: 'Available Run Time: ~5 Hour(s) and 41 Minute(s)'. Below this, there is a table with columns: Machine, Machine Description, Operation Name, Total Orders, Ideal Run Rate, and Required Run Time (in hours). The table shows data for 'a1Machine' and 'a1Op'. A detailed table below shows 'Card ID', 'Cycle No', 'Supplier Item No.', 'Description', 'PO #', 'PO Line #', 'Plant', 'Card Qty', 'Cycle Time', and 'Required Run Time (in minutes)'. The table includes data for 'KCD2PMALFYZZ', 'KCD2PM9LFYXE', 'a1Machine1', 'a1Machine2', and 'IFS Machine 1'.

Machine	Machine Description	Operation Name	Total Orders	Ideal Run Rate	Required Run Time (in hours)
a1Machine	a1Machine	a1Op	2	2.00000 PiecesPerHour	1.00

Card ID	Cycle No	Supplier Item No.	Description	PO #	PO Line #	Plant	Card Qty	Cycle Time	Required Run Time (in minutes)
KCD2PMALFYZZ	11	11960-sup	11960	0	0	CON001	1	0.03330 PiecesPerMinute	30.03
KCD2PM9LFYXE	12	11960-sup	11960	0	0	CON001	1	0.03330 PiecesPerMinute	30.03
a1Machine1	a1Machine1	a1Op1					2	2.00000 PiecesPerHour	100.10
a1Machine2	a1Machine2	a1Op2					2	2.00000 PiecesPerHour	1.11
IFS Machine 1	IFS Machine 1	Op1 - Install bracket					2	1.00000 PiecesPerHour	199.60

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1.4 EDI batch jobs enhancements

1.4.1 EDI 862

Adding multiple SE/ST segments to handle multiple manifests in one output file.

1.4.2 EDI 830

Fixing process and message formatting to follow the spec and examples.

1.5 Auto-fill default quantity on Close Job

New workcenter business unit configuration was created under General tab, “Auto-fill default quantity on Close Job”. By default, this setting is ON. When this setting is OFF, close quantity field when closing jobs on production sequence will be empty.

The screenshot displays the 'Workcenter Configuration for: DatabizWareHouse' interface. The 'Configuration Settings' table lists various system parameters. The setting 'Auto-fill default quantity on Close Job' is currently set to 'OFF'. Other settings include 'Call-Off for Forecast Items' (ON), 'Required Receive Date Calculation using Calendar Days' (OFF), 'Buyer Reschedule should wait for Supplier Approval' (ON), 'Buyer Recall should wait for Supplier Approval' (OFF), 'OEE Feature' (ON), 'User to Operation Assignment Required' (OFF), 'Allow operators to restart production for held jobs' (ON), 'Track Blanket PO Qty' (OFF), 'Automatically call-off items after required ship date elapses' (OFF), and 'Set shipping and receiving tolerance by percentage' (ON). A legend at the bottom left indicates that a red asterisk (*) denotes a 'Required field'. The interface includes a sidebar with navigation icons, a top header with the Ultriva logo and version (9.4.1), and a bottom status bar showing 'Ultriva 2020'.

Name	Value
Call-Off for Forecast Items: ⓘ	<input checked="" type="checkbox"/> ON
Required Receive Date Calculation using Calendar Days: ⓘ	<input type="checkbox"/> OFF
Buyer Reschedule should wait for Supplier Approval: ⓘ	<input checked="" type="checkbox"/> ON
Buyer Recall should wait for Supplier Approval: ⓘ	<input type="checkbox"/> OFF
OEE Feature:	<input checked="" type="checkbox"/> ON
User to Operation Assignment Required: ⓘ	<input type="checkbox"/> OFF
Allow operators to restart production for held jobs: ⓘ	<input checked="" type="checkbox"/> ON
Track Blanket PO Qty: ⓘ	<input type="checkbox"/> OFF
Automatically call-off items after required ship date elapses: ⓘ	<input type="checkbox"/> OFF
Set shipping and receiving tolerance by percentage: ⓘ	<input checked="" type="checkbox"/> ON
Auto-fill default quantity on Close Job: ⓘ	<input type="checkbox"/> OFF

Setting set to off, then user is forced to enter close quantity for each job to close.

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upland Ultriva QA LS Test site 9.4.1

Business Unit: DatabizWareHouse Application: Application (Plant)

Production Sequence

Current/Next Operations: All Operations x Current/Next Machine: All Machines x Item Equal To ITPS

Find

Active Orders Orders In Production Completed Orders Operator Efficiency

RYG	Notes	Card ID	Cycle No	PO #	PO Line #	Item	Operation Name
2020-03-26 (Thursday) Production Hours Required: 16 Hour(s) and 10 Minute(s) Total orders: 1							
		KCDHNAIBRALY	1	0	ITP5250320	Not Found	
2020-03-27 (Friday) Production Hours Required: 2620 Hour(s) and 49 Minute(s) Total orders: 5							
		KCDHNACTRAG5	1	0	ITP5250320	Operation4MultiMachines (Completed)	
		KCDHNADTRADU	1	0	ITP5250320	Operation4MultiMachines (Completed)	
		KCDHNAETRAJZ	1	0	ITP5250320	Operation4MultiMachines	
		KCDHNAGTRANN	1	0	ITP5250320	Operation4MultiMachines (Completed)	
		KCDHNAHTRAQ4	1	0	ITP5250320	-Accepted-	

Close Job

Card ID	Item	Plant	Operation Name	Card Qty	Completed Qty	Scrapped Qty	Close Qty	Scrap Qty	Final Lot?	End Of Shift?	Remove
KCDHNAETRAJZ	ITP5250320	WCLine1	Operation4MultiMachines	100	0			0			x

Please add additional completed operations to the above list

Card Id: KCDHNAETRAJZ Operation: Machine: Close Qty: 100 Scrap Qty: 0 Final Lot? End Of Shift?

Item: ITP5250320 Plant: WCLine1 Card Qty: 100 Completed Qty: 0

Scrap Reason: -Select Reason-

Additional Operators: Enter comma separated

Close Job Cancel

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2 Bug fix

2.1 *PO Grouping batch job bug fix*

PO Grouping batch job had a bug and was not creating Pos for po options

#3 One PO for all supplier items, one line per item

#4 One PO for all supplier items, one line per Cards and

Bug fixed. Options #3 and #4 added for supplier's po options selection.