# upland Ultriva

Ultriva10.0version

**Release Notes** 

By UplandSoftware

Version 1.0

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	1.20	Add "Dignt Itom No" Filter to the Accent Carde Dage	ונ בכ
	1.27	Adu Flant hem no Filler to the Accept Carus Fage	32 50
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#### **1** Enhancements

#### 1.1 Alternate Routing

New functionality added to LFM module to allow user to have multiple routes (operation/machines) for a supplier item where a preferred route will be used to route order completion.

Each route should have a unique Route Code and a job route can be changed for non-started jobs (No operation started).

For existing supplier items in the system, a default route will be defined to encapsulate the current operation/machine order of execution. Default operation will have Route Code set to Default (Protected name, cannot be used for other routes). As entity, this Default route will have all the system operations assigned to it.

Changes in OEEDataLoad and ERPPlannedOrders were done to allow user to create/modify/assign routes to items and release orders using a determined existing route for a card (job).

New nightly task

Business Unit Configuration added to patch all existing items and assign them Default route. This process must be executed prior to the Routes feature is used. This task will be executed once.

#### 1.1.1 Business Unit Configuration

New business unit setting added under LFM tab available for producing workcenter, "Use named routes", when this setting is set to ON, Routes will be available for Supplier Item, RouteCode column will be visible in production sequence and manage production orders.

Route entity is not handled by this setting, this should be hidden using privileges in the application.

=	upland Ultriva	Ultriva Lean Suite QA 10	🔍 🖤 🕐 🕕 wcns250921 K User 👻
â	Morkcenter Configuration for: wcns250921		Business Unit: wcns250921 Application: Application (Plant)  Last modified on (10/15/2021) by (wcns250921 User)  ()  ()
	General Card Custom Integration LFM Pick List Print Recei	ve Release Scan Ship Work-Order	
5	Configuration Settings		
<u>100 001</u>	Name	Value	
ай	OEE Feature:	ON	
Ē	Require scrap reason on production close: 🛞	ON	
\$ \$	Auto Ship on Close Production: (1)	OFF	
252	User to Operation Assignment Required: 🛞	OFF	
	Allow operators to restart production for held jobs: (1)	OFF	
	Use named routes: 🛞	ON	
	Auto-fill default quantity on Close Job: 🛞	ON	
	Allow splitting of manufacturing orders: 🛞	By operator and by sup	vervisor 🔻
	*Required field		S Save Ø Cancel
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#### 1.1.2 Route entity

New Route entity added, each route has a unique Route Code, Route Name and Route description. A route is composed by sequenced operations for a determined supplier item. Route entity defines all possible operations that a route for supplier item could have. Assigned operations button will show screen with all assigned operations for selected route. Operation Setup column in grid is indicating if that route has at least one operation configured.

When default Route is created as part of **Error! Reference source not found.**, that route will have all existing operations in the system for this business unit available.

≡	upland Ultriva	l.	Ultriva Lean Suite	QA 10 ସ	♠♡ ② ()	wcns250921 K User 🔻	
â	Admin > Commodity Route List for wc	Code > Route		Business Unit: WCRS250	921 Application: Applicati	on (Plant) 🔹	
	Filter By	elect Operator 💌 Enter Value	<b>T</b> ∗ Go ▶				
1	Find Name	Ng 405	_				
<u>las sal</u> per saj	+ Add C? Edit 👁 View 🗈 Delete Assigned Operations						
ай	Commodity Code	Sorted by: Route Name				1 to 24 of 24	
Ř	ABC Code	Route Code 1	Route Name ↑	Route Description		Operation Setup? ↑	
~	Carrier	1213	1213	1213		*	
43	Notes	121345	121345	121345		*	
	Production Issue	R3	3R3	R3		<ul> <li>Image: A set of the set of the</li></ul>	
		533	533	533		✓	
	Exception Code	5976	5976	5976		<b>*</b>	
	Route	5996	5996	5996		<ul> <li>Image: A set of the set of the</li></ul>	
	Operation	59968	59968	59968		4	
		8666	8666	8666		<b>4</b>	
	Machine	8667	8667	8667		<b>*</b>	
	Location Code	899	899	899		<b>4</b>	
	Reschedule Reason	Default	Default Route	Default Route		4	
	Reserved are reason	R2	R2	R2		*	
	Container	RC250921	RC250921	RC250921		<b>4</b>	
	Currency Code	Rdefault1	Rdefault1	Rdefault1		<b>4</b>	
		Dave1	Dourt Litriva @ 20	Daue1			

When there are not operations assigned to route user will see screen like this.

≡	upland Ultriva	Ultriva Lean Suite QA 10	۹	♡ 0	wcns25092	1 K User 🔻
Ŵ	Admin > Commodity Code > Route		Business Unit: wcns250921	Application:	Application (Plant)	•
۵N	Assigned Operations for Route: 1213					V
	No operation has been assigned to this Routel Please click 'Assi	gn Operations' button to assign!				
1		+ Assign Operations				
<u>100 001</u>						
ай						
ţ						
錼						
		Ultriva © 2020				

When assigning operation to route, user will see all the non-assigned operations for that route available to check and then Assign button should be pressed.

≡	upland Ultriva	Ultriva Lean Suite QA 10	🔍 💛 🕐 🌔 wcns250921 K User 🝷
â	Admin > Commodity Code > Route Assign Operations for Route: 1213	Busine	ss Unit: Wcns250921 Application: Application (Plant)
	Filter By   Select Operator   Enter Value	Tx Go ►	Í
5=	Find Operation Name		
<u>100 001</u> 190 001	+ Assign + Back		
~	Sorted by: Operation Name		1 to 17 of 17
<u>Inil</u>	Operation Name 1	Setup Time	Teardown Time
Ę.	000Ps	3 Hours	3 Hours
	□ Op1	4 Hours	3 Hours
ŵ	OP141021	3 Hours	3 Hours
	□ Op2	2 Hours	2 Hours
	□ 0p4	9 Hours	6 Hours
	Op499	77 Hours	77 Hours
	□ Op5	41 Hours	33 Hours
	□ Op6	42 Hours	34 Hours
	□ 0p7	43 Hours	35 Hours
	Oper051021	3 Hours	3 Hours
	Operation1	2 Hours	2 Hours
	Operation2	4 Hours	4 Hours
	Operation290921	4 Hours	3 Hours
	Operation290921_1	4 Hours	3 Hours
	OPR1	3 Minutes	3 Hours
	OPRoute1	2 Hours	2 Hours
	· · · ·	100 C C C C C C C C C C C C C C C C C C	

List of assigned operations for a route allows to add more non-assigned operations, remove operations, or check which are the assigned machines for the selected route/operation entry.

≡	upland Ultriva	Ultriva Lean Suite QA 10	۹	0		wcns250921	K User 🔻
ŵ	Admin > Commodity Code > Route	Bus	iness Unit: wcns250921	Application:	Applicati	on (Plant)	·
	Filter By   Select Operator  Enter Value	<b>™</b> Go ►				0 -+	
5=	+ Add 🖄 Remove 🔺 Assigned Machines 🗲 Back						
tan and an and	Sorted by: Operation Name						1 to 1 of 1
<u>iii</u>	Operation Name	Setup Time	5			Tea	ardown Time
Ē	0p5	41 Hour	S				33 Hours
Ş							
\$							
		Ultriva © 2020					

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When removing operation from route, confirmation dialog will be displayed for the user.

≡	upland Ultriva	Ultriva Lean Suite QA 10	🔍 💟 🕐 🔮 wcns250921 K User 🔻
â	Admin > Commodity Code > Route	8	usiness Unit: wcns250921 Application: Application (Plant) ▼
2	Filter By	Go +	
	+ Add Tremove 🌢 Assigned Machines 🔶 Back		
ta ai pa ai	Sorted by: Operation Name		1 to 1 of 1
<u> iii</u>	Operation Name	Setup Ti	ne Teardown Time
r)	Op5	Ultriva Lean Suite QA 10 🛛 🕷	33 Hours
÷.		Do you want to remove the selected Operation(s) from the Route?	
		✓ Yes 🛛 🗴 No	
		Ultriva © 2020	

When Assigned Machines button is pressed, a list of assigned machines will be displayed for that route/operation. From here user can Add/Edit/Remove/View Details.

≡	upland Ultriva	Ultriva Le	ean Suite QA 10	۹	💟 🕐 🌔 wcns250921 K User 🔻
ŵ	Admin > Commodity Code > Route     Assigned Machines for Opera	ition Op5		Business Unit: wcns250921	Application: Application (Plant)
	Filter By	Enter Value	o >		
5	+ Add 🛛 🕄 Edit 🖄 Remove 🖉 View Det	tails 🗲 Back			
<u>10.01</u>	Sorted by: Machine Code				1 to 1 of 1
ыí	Machine Code     Mac	chine Description			Machine Default Run Rate (in pieces per minute)
ţ	M5 M5				12
ŵ					
			Ultriva © 2020		

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When adding a new Machine to the route/operation, user should select machine from the machine dropdown and then a list of items (Items with operation assigned)

≡	upland Ultriva	Ultriva Lean Suite QA	10	<b>Q</b> 🕐 🕐 🌔 wcns250921 K User 🔻
Ŵ	Admin > Commodity Code	> Route peration:Op4	Business Unit: WCIS250	921 Application: Application (Plant)
~	Machine Information			
5=	*Machine:	Mach051021		
<u>100 001</u>  00 001	Item Information			
á	ltem	Ideal Run Rate (in pieces per minute)	Setup Time (minutes)	Teardown Time (minutes)
Ē	ITFSPS061021	0	540	360
~	*Required field			Save Ø Cancel
<i>ي</i> ې				
		Ultriva © 2020		

#### 1.1.3 Supplier Item route assignation

Supplier Item page now will have a new button replacing the Assigned Operations button (When Use Named Routes setting is ON). When clicking on it, user will be redirected to assigned routes for an item.

	upland Ultriva		Ultriva Le	an Suite QA 1	0	ፍ 🏫	0 🗸	wcns250921 K U	ser 🔻
Ŵ	Supplier Item for	wcnb250921			В	usiness Unit: wcns250921	Application: A T Filters -	pplication (Plant) ③ Views 👻 💡	•
	Plant wcnb250921	Filter By	Select Operator     En	ter Value	Tx Go +				Î
1	Find Supplier Item No.	<u>83. #4.</u>							
<u>101.001</u> [90.00]	🛛 Edit 👁 View 🔺	ssigned Routes	ordinator - More Options						
	Sorted by: Supplier Item No.							1 to 24 of	f 24
ш	Plant Item No 1	Supplier Item No. 1	Description 1	Carrier 1	Lead Time ↑	Transit Time $\uparrow$	Qty On Card	Unit Description	
È	ITFSPS051021	ITFSP5051021	Test ROute codes	Unknown	3	3	45		
	ITFSPS061021	ITFSPS061021	Test	Unknown	3	3	45		
£63	ITPS051021	ITPS051021	Test Routing	Unknown	4	4	45		
~~~	ITPS051021_1	ITPS051021_1	Test Routing	Unknown	4	4	45		
	ITPS1410221	ITPS1410221	Test Scrap Reason	Unknown	3	3	45		
	ITPS1410221_1	ITPS1410221_1	Test Scrap Reason	Unknown	3	3	45		
	ITPS151021	ITPS151021	test PS	Unknown	3	3	450		
	ITPS151021_1	ITPS151021_1	test PS	Unknown	3	3	45		
	ITPS250921	ITPS250921	Test Routing	Unknown	2	2	45		
	ITPS250921_1	ITPS250921_1	Test Routing	Unknown	2	2	45		
	ITPS250921_2	ITPS250921_2	Test Routing	Unknown	2	2	45		
	ITPS250921_3	ITPS250921_3	Test	Unknown	2	2	45		
	ITP5280921	ITPS280921	Test PS	Unknown	3	3	45		
	ITPS280921_1	ITPS280921_1	Test	Unknown	3	3	45		
	ITPSMulti051021	ITPSMulti051021	Test muti all	Unknown	3	3	45		
	ITPSS141021	ITPSS141021	Test PSD	Unknown	3	3	45		
	ITRoute061021	ITRoute061021	Test	Unknown	4	4	45		
	ITRoute280921	ITRoute280921	test	Unknown	4	4	45		-
				Ultriva © 2020					

When Error! Reference source not found. is executed, all existing supplier items will get Default route assigned.

≡	upland Ultriva	Ultriva Lean Suite QA 10	🔍 ♡ 🕐 🊺 wcns250921 K User 🍷
ŵ	Assigned Routes for Supplier Item: ITPS2	250921 2 for wcns250921	Business Unit: wcns250921 Application: Application (Plant)
~	Filter By	<b>T</b> ≰ Go ►	
() I	+ Add   Remove Assigned Operations   Set as Pre	ferred Route 🗲 Back	
<u>100 001</u>	Sorted by: Route Code		1 to 1 of 1
M	Route Code	Route Name	Route Description
Ċ.	Default	Default Route	Default Route
~~ ~			
ξ <u>Ο</u> Σ			
		Ultriva © 2020	

When item has Default route assigned, that route cannot be removed from the assigned routes.

≡	upland Ultriva	Ultriva Lean Suite QA 10	🔍 💛 🕐 🕕 wcns250921 K User 👻
â	Admin > SupplierItem		Business Unit: Wcns250921 Application: Application (Plant)
	Assigned Routes for Supplier Ite	em: 11PS250921_2 for wchs250921	🖨 Print 📝 Export 😗
	X Cannot delete Default route from system.		
5			
<u>bu ni</u>	Filter By	Enter Value	
	+ Add 🛍 Remove 🔺 Assigned Operations	E Set as Preferred Route ← Back	
<u>111</u>	Sorted by: Route Code		1 to 1 of 1
ţ	Route Code	Route Name	Route Description
æ	🗋 🥜 Default	Default Route	Default Route
		Ultriva © 2020	

After pressing click on Supplier Item/Assigned Routes button, user will see the list of all assigned routes for item. When it is a new item, user will need to assign route from scratch. If route is not assigned, user won't be able to execute any production sequence action for cards/jobs associated to this supplier item.

	upland Ultriva	Ultriva Lean Suite QA 10	۹	♡ ?	wcns250921 K Us	er 🔻
â	Admin > SupplierItem	1/10221 for wcps250021	Business Unit: wcns250921	Application:	Application (Plant)	•
	Assigned Routes for Supplier Reff. fres				U	
	No route has been assigned for this Item! Please click 'Assign	Routes' button to assign				
5=		+ Assign Routes + Back				
<u>101 001</u> 101 001						
iii						
ţ)						
\$						
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When assigning routes for supplier item, a list of available routes (Entity) will be displayed to the user. Assign button should be pressed after selection finished.

≡	upland Ultriva	Ultriva Lean Suite QA 10	🔍 💛 🕐 🌔 wcns250921 K User 🔻
Ŵ	Admin > Supplieritem Assign Routes for Supplier Item: ITPS250	0921_2 for wcns250921	Business Unit: WCIIS250921 Application: Application (Plant)  Print C Export
~	Filter By	Tx Go +	
52	Find Route Code		
	+ Assign + Back		
~	Sorted by: Route Code		1 to 23 of 23
<u>inal</u>	Route Code 1	Route Name 🕆	Route Description
ţ	1213	1213	1213
	121345	121345	121345
<u>ي</u>	533	533	533
	5976	5976	5976
	5996	5996	5996
	59968	59968	59968
	8666	8666	8666
	8667	8667	8667
	899	899	899
	□ R2	R2	R2
	□ R3	3R3	R3
	C250921	RC250921	RC250921
	Rdefault1	Rdefault1	Rdefault1
	Rout1	Rout1	Rout1
	Rout10	Rout10	Rout10
	Rout12	Rout12	Rout12
	· · ·	Ultriva © 2020	

After assignation is completed, user will receive a confirmation message and routes will be on the assigned routes list for that supplier item. Each supplier item must have a preferred route, when there is just one route, that one will be the preferred one, when there is more than one route, user will be able to press Set as Preferred Route button after route is selected to mark that selected route as preferred. A preferred route is the one the application will use when releasing/accepting cards to associate to job in Production Sequence.

≡	upla	and Ulti	riva	Ultriva Lean Suite QA 10	ৎ	$\heartsuit$	0	wcns250921	K User 🔻
â	Ass	Admin > Supp	utes for Supplier Item: ITPS25	0921_2 for wcns250921	Business Unit: wcns250921	Applicati	on: Applica	tion (Plant)	•
~		The selected	I route(s) were assigned to the supplier item succ	essfully					×
	Filter By	ite Code	Select Operator     Enter Value	Tx Go ►					
<u>iii</u>	+ Add	d 🗎 🏛 Remove	e Assigned Operations Est as Prefer	red Route 🖌 🗲 Back					
ţ.	Sorted	by: Route Code	•					1 to	3 of 3
5 <b>7</b> 3	Ο	Route Code	Ť	Route Name 🕆	Route Description 1				
~		1213		1213	1213				
	0	121345	]	121345	121345				
		Default		Default Route	Default Route				
		Prefer	red Route						
				Ultriva © 2020					

From Assigned Routes list user will be able to modify Assigned Operations for route/supplier item.

=	upland Ultriva	Ultriva Lean Suite QA 10	🔍 💛 🕐 🅕 wcns250921 K User 🔻
â	Action Supplieritem	50921 2 for webs250921	Business Unit: wcns250921 Application: Application (Plant)
	Assigned Routes for Supplier Rem. IT 52		
<u>v</u>	Filter By   Select Operator  Enter Value	<b>T</b> x Go ►	
1	Find Route Code		
<u>100 001</u> [90 00]	+ Add 💼 Remove	rred Route 🗲 Back	
	Sorted by: Route Code		1 to 3 of 3
<u> </u>	Route Code 1	Route Name 1	Route Description 1
ţ.	1213	1213	1213
	121345	121345	121345
\$	🗌 🕜 Default	Default Route	Default Route
		Ultriva © 2020	

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Assigned operations for supplier item/route will allow user to Edit operation detail, remove it from route, resequence it and check operation instructions (More Options). From UI, adding operations to supplier item/route is not allowed. If the user wants to add new operation to supplier item/route, user should useOEEDataLoad.

	upland Ultriva	Ultriva Lean Suite QA 10		🔍 🖤 🕐 🌔 wcns250921 K User 👻
â	Admin > SupplierItem Assigned Operations for Supplier Item: I	TFSPS051021 for Route: RC250921	Business Unit: wcns2509	21 Application: Application (Plant) ▼
	Filter By   Select Operator  Enter Value	<b>T</b> x Go ►		
5	Find Operation Name 🙀 🐴			
<u>10 01</u>	🕼 Edit 💿 View Details 🗯 Remove 🖾 Resequence 🗸	More Options 🗲 Back		
				1 to 2 of 2
	Operation Name 1	Cycle Time 🧍	Setup Time	Teardown Time
ţ.	Operation1	0.33333 Hours	2 Hours	2 Hours
	Operation2	0.33333 Hours	4 Hours	4 Hours
		Ultriva © 2020		

When pressing Edit button, user will be able to set Operation Information and Machine Information for that operation.

≡	upland	Ultriva	Ultriv	/a Lean Suite	QA 10	Q (	♡ ② 🌔	wcns250921 K	User 🔻
â	Admin S Edit Ope	SupplierItem	on1 for Item: ITFSPS051021 f	or Route: RC25	Business L	Jnit: wcns250921 Ap	oplication: Application	1 (Plant)	• 7
~	Operation I	nformation							
;=	*Operation:		Operation1		Cycle Time:	0.0056 Pieces Pe	er Minute		
100 001	End Item No:				End Item Description:				
111	Serial Numbe Default Setup	er is Optional: o Time:	L 120 minutes		Default Teardown Time:	120 minutes			
ē.	Machine Inf	formation							
ŝ	Machir	ne Code	Machine Description	ldeal Run Rate (pieces per minute)			Cycle time	per Machine	Default ?
	Machir	ne1	Machine1	0.00556		0.0056	Pieces Per Minute	~	۲
	d Machin	ne2	Machine2	0.75000		0.75	Pieces Per Minute	•	0
	Operat	ionMulti	OperationMulti	12.00000		12	Pieces Per Minute	•	0
	*Required fiel	d					<b>.</b>	Save Ø C	Cancel
				Litrico @ 20	030				
				Ultriva © 20	020				

#### When removing operation from supplier item/route, confirmation dialog will be displayed.

≡	upland Ultriva	Ultriva Lean Suite QA 10	٩	💟 🕐 🕕 wcns250921 K User 🔻
â	Assigned Operations for Supplier Item:	Busi TFSPS051021 for Route: RC250921 for wcns2509	iness Unit: wcns250921	Application: Application (Plant)
	Filter By Select Operator	Tx Go ►		
	Find Operation Name 🐴 🏝	r More Options 🔶 Back		
m 二				1 to 2 of 2
<u>niili</u>	Operation Name 1	Ultriva Lean Suite QA 10 🛛 🕷	Setup Time	Teardown Time
S)	Operation1		2 Hours	2 Hours
	Operation2	Do you want to remove the selected operations(s) from the ltem?	4 Hours	4 Hours
		¥ Yes X No		
		Ultriva © 2020		

After all operations are removed from UI, user will get message indicating there are not operations assigned to the supplier item/route.

≡	upland Ultriva	Ultriva Lean Suite QA 10	۹	♡ ②	🕕 wcns250921 K User 🔻
Ŵ	Admin > SupplierItem     Assigned Operations for Supplier Iter	Busine m: ITFSPS051021 for Route: RC250921 for wcns25092	ess Unit: wcns250921	Application:	Application (Plant)
; <u> </u>	No operation has been assigned for this Item: ITFSPS051	← Back			
<u>lan ani</u> parang					
ш					
ţ					
¢3					
		Ultriva © 2020			

Resequencing operations will allow user to change operations sequence which will be used in production sequence orders for this supplier item.

≡	upland Ultriva	Ultriva Lean Suite QA 10	ৎ	♡ ?	🕕 wcns250921 K User 🔻
ŵ	Admin > SupplierItem     Resequence Operation for Iter	n: ITFSPS051021 for Route: Default Route	Business Unit: wcns250921	Application:	Application (Plant)
	Assigned Operations For Supplier Item				
() I	Current Sequence				
	Operation1 Operation2				
<u></u>	~				
C)	×				
\$ 					
					Save Ø Cancel
		Ultriva © 2020			

#### 1.1.4 Production Sequence changes

When business unit configuration is ON (Use named routes), Route Code is displayed in page filter and grid columns, this column will indicate which is the route assigned to this job when it was released and accepted. Route column was added to Active Orders, Orders in Production, Completed Orders and Operator Efficiency tabs.

upland Ultri	va		Ultriva	a Lean Suite QA 10				ର୍ 🐔	0 0	wcns25	0921 K User
Admin > Admin > A Mar Production Se	age Production Orders	Close Schedules					Business Unit:	wcns250921	Application:	Application (Plant)	rt 🕜
rrent/Next Operation: All Operations 🗙	Curre	nt/Next Machine: Machines 🗙	() Item	Equal To	▼ ITFSP	95051021	Tx	Go 🕨			
Active Orders Orders	in Production Comp	leted Orders Opera	Item Description Plant PO# Release # Route Code	End Setup	Start Job	• • Hold	i job 📕 Take	P On Setup	Running Pen	hding next operation	n On Ho Split Card
							1		Viewing 1 to 20 of 40	D∢Page 1	of 2 🕨
RYG 🟴 Notes	Card ID	Cycle No PO #	PO Line # Item	Route Code Operation Name	Machine	Start Time	Release Date	Card Qty	Completed Qty	Scrapped Qty	Past Due
RYG 🟓 Notes 🗌	Card ID	Cycle No PO #	PO Line # Item red: 27586 Hour(s) and 22	Route Code Dperation Name Minute(s) Total orders:	Machine 40	Start Time Total q	Release Date	Card Qty	Completed Qty	Scrapped Qty	Past Due
RYG P Notes 2021-11-05 (Friday)	Card ID Pre KCD2U5DQALEE	Cycle No PO # pduction Hours Requir 1 447144	PO Line # Item red: 27586 Hour(s) and 22 1 ITFSPS051021	Route Code         Dperation Name           Minute(s)         Total orders:           RC250921         Dp7 (Next)	Machine 40	Start Time Total q	Release Date uantity: 2000 11/05/2021	Card Qty 100	Completed Qty	Scrapped Qty	Past Due
RYG         P         Notes         C           2021-11-05 (Friday)         C         C         C           Image: Comparison of the second	Card ID  Card ID  KCD2U5DQALEE  KCD2U5EQALRB	Cycle No         PO #           oduction Hours Require         1         447144           1         447144	PO Line # Item red: 27586 Hour(s) and 22 1 ITFSPS051021 1 ITFSPS051021	Route Code         Dperation Name           Minute(s)         Total orders:           RC250921         Dp7 (Next)           RC250921         Dp7 (Next)	Machine 40	Start Time Total q	Release Date uantity: 2000 11/05/2021 11/05/2021	Card Qty 100 100	Completed Qty 0 0	Scrapped Qty 0 0	Past Due
RYG         P         Notes         C           2021-11-05 (Friday)         C         C         C           Image: Constraint of the second	Card ID  Card ID  KCD2U5DQALEE  KCD2U5EQALRB  KCD2U5FQALA9	Cycle No         PO #           aduction Hours Require         1           1         447144           1         447144           1         447144           1         447144	PO Line # Item ed: 27586 Hour(s) and 22 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021	Route Code         Dperation Name           Winute(s)         Total orders:           RC250921         \$p7 (Next)           RC250921         \$p7 (Next)           RC250921         \$p7 (Next)           RC250921         \$p7 (Next)	Machine 40	Start Time Total q	Release Date 11/05/2021 11/05/2021 11/05/2021	Card Qty 100 100 100	Completed Qty 0 0 0	Scrapped Qty 0 0 0 0	Past Due
RYG         Image: Notes          Image: Notes	Card ID Prr KCD2U5DQALEE KCD2U5EQALRB KCD2U5EQALA9 KCD2U5EQALA4	Cycle No         PO #           oduction Hours Requin         1         447144           1         447144         1         447144           1         447144         1         447144           1         447144         1         447144	PO Line # Item red: 27596 Hour(s) and 22 I ITFSP5051021 I ITFSP5051021 I ITFSP5051021 I ITFSP5051021 I ITFSP5051021 I ITFSP5051021	Route Code         Deparation Name           Minute(s)         Total orders:           RC250921         0p7 (Next)           RC250921         0p7 (Next)           RC250921         0p7 (Next)           RC250921         0p7 (Next)	40	Start Time Total q - - -	Release Date           uantity:         2000           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021	Card Qty 100 100 100 100	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0	Past Due
RYG         P         Notes         C           2021-11-05 (Friday)         C         C         C           Image: Ima	Card ID Pro KCD2U5DQALEE KCD2U5EQALR8 KCD2U5FQALA9 KCD2U5FQALA9 KCD2U5GQALM4 KCD2U5HQALKN	Cycle No         PO #           oduction Hours Requin         1         447144           1         447144         1           1         447144         1           1         447144         1           1         447144         1           1         447144         1           1         447144         1	PO Line # Item red: 27586 Hour(s) and 22 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021	Route Code         Operation Name           functe(s)         Total orders:           RC250921         \$p7 (Nex:)	40	Start Time Total q - - - -	Release Date           puantity:         2000           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021	Card Qty 100 100 100 100 100	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0	Past Due
RYG     P     Notes     C       2021-11-05 (Friday)     C     C       Image: Strate S	Card ID Pro KCD2U5DQALEE KCD2U5EQALR8 KCD2U5FQALA9 KCD2U5GQALM4 KCD2U5QALP2	Cycle No         PO #           oduction Hours Requin         1         447144           1         447144         1           1         447144         1           1         447144         1           1         447144         1           1         447144         1           1         447144         1           1         447144         1           1         447144         1	PO Line # tem ed: 27586 Hour(s) and 22 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021	Route Code         Operation Name           Hinute(s)         Total orders:           RC250921         3p7 (Next)	40	Start Time Total q	Release Date 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021	Card Qty 100 100 100 100 100 100	Completed Qty 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0 0 0	Past Due
RYG P Notes C 2021-11-05 (Friday) C C C C C C C C C C C C C C C C C C C	Card ID Card ID Card ID CCUSDQALEE KCD2USDQALEB KCD2USEQALAB KCD2USEQALA4 KCD2USEQALM4 KCD2USEQALM4 KCD2USHQALKN KCD2USJQALP2 KCD2USQALD2	Cycle No PO # Dduction Hours Requin 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144	PO Line # Item ed: 27586 Hour(s) and 22 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021	Route Code         Operation Name           Hinute(s)         Total orders:           RC250921         p7 (Nex)	40	Start Time Total q	Release Date           quantity:         2000           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1	Card Qty 100 100 100 100 100 100 100	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0 0 0 0 0 0	Past Due
RYG         P         Notes         C           2021-11-05 (Friday)	Card ID           KCD2U5DQALEE           KCD2U5EQALRB           KCD2U5EQALRB           KCD2U5EQALRAB           KCD2U5EQALRAB	Cycle No PO # Sduction Hours Requin 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144 1 447144	PO Line # ter: 27586 Hour(s) and 22 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021 1 ITFSP5051021	Route Code         Operation Name           Hinute(s)         PTotal orders:           RC2509210         p7 (Nex)           RC2509211         p7 (Nex)	40	Start Time Total q - - - - - - -	Release Date           quantity:         2000           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1           11/05/2021         1	Card Qty 100 100 100 100 100 100 100 100	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0 0 0 0 0 0 0	Past Due
RYG P Notes C 2021-11-05 (Friday)	Card ID           Prr           KCD2U5CQALEE           KCD2U5CQALB8           KCD2U5CQALA9           KCD2U5CQALA9           KCD2U5CQALA9           KCD2U5CQALA9           KCD2U5CQALA9           KCD2U5CQALA9           KCD2U5QALA9	Cycle No         PO #           sduction Hours Require         1           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144	PO Line #         Item           ed:         27566 Hour(s) and 22           1         ITFSP5051021	Route Code         Dperation Name           Vinute(s)         Total orders:           RC250921         hp7 (Nex)	40	Start Time Total q · · · · · · ·	Release Date           puppetity:         2000           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021	Card Qty 100 100 100 100 100 100 100 100 100	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Past Due
RvG         Notes         C           2021-11-05 (Friday)         C           Image: Constraint of the strength of the strengeh of the s	Card ID           Processor           KCD2USDQALEE           KCD2USEQALR8           KCD2USEQALR8           KCD2USEQALR8           KCD2USEQALR8           KCD2USEQALR4           KCD2USEQALR4	Cycle No         PO #           dduction Hours Requir         1         447144           1         447144         1         447144           1         447144         1         447144           1         447144         1         447144           1         447144         1         447144           1         447144         1         447144           1         447144         1         447144           1         447144         1         447144	PO Line #         Item           27586 Hour(s) and 22         1           1         ITFSPS051021           1         ITFSPS051021	Route Code         Dperation Name           Hindte(S)         Total orders:           RC250921         hp7 (Nex)	40	Start Time Total q · · · · · · · · · · · · ·	Release Date Upuntity: 2000 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/2021 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/05/202 11/	Card Qty 100 100 100 100 100 100 100 100 100 10	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Past Due
RvG         Notes         C           202111-05 (Friday)         C           Image: Constraint of the strength of the strengt of the str	Card ID           PR           KCD2U5DQALEE           KCD2U5QALRB           KCD2U5GQALM4           KCD2U5GQALM4           KCD2U5GQALM4           KCD2U5QALA9	Cycle No         PO #           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144           1         447144	PO Line # Item 27586 Hour(s) and 22 1 ITFSP5051021 1 ITFSP5051021	Route Code         Operation Name           Hinute()         DToll orders:           RC250921         3p7 (Nex)           RC250921         3p7 (Nex)	40	Start Time Total q - - - - - - - - - - - - -	Release Date           Itumitiy:         2000           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021           11/05/2021         11/05/2021	Card Qty 100 100 100 100 100 100 100 100 100 10	Completed Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Scrapped Qty 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Past Due

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From production sequence perspective there are not functionality changes, once the route is assigned to the job, job will follow the operation sequence defined for that route.

#### 1.1.5 Manage Production Orders (Route Reassignment)

Manage production orders included Route Code column in all tabs where we have details like operation/machine, also added route code to filter and finally included a new tab named "Route Reassignment".

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Ŵ	Admin > A Completed Orders > Manage Production Orders  Manage Production Orders ▼		Business Unit: wcns250921 Application: Application (Plant) ▼ ➡ Print C <sup>*</sup> Export ?
2	Current/Next Operation: Current/Next Machine:	✓ Equal To	<b>▼ G 0 •</b>
52	(c) Resch	Capacity Utilization Repo	ort SProduction Plan Details Running Pending next operation On Hold
and The set	Active Orders Machine Capacity Management Machine Reassignment Route Reassignment	View Orders By Item Completed Orders	
ай			Viewing 1 to 1 of 5 € Page Week of (10/31 - 11/06) ▼ of 5 ►
t) ;	RYG Card ID Cycle No PO # Line Item Description Operation Machin	Route Plant Card Completed Scrapped Hot Qty Qty Rag	Past Run Due Time (in Change Over Time (in minutes) Time (in minutes)
£03	2021-11-05 (Friday) Production Hours Required: 27586 Hour(s) and 22	Minute(s) Total orders: 40 Total o	juantity: 4000
	KCD2U5DQALEE 1 447144 1 ITFSPS051021 Test ROute Op7 codes (Next)	RC250921 wonb250921 100 0 0	8.33 2940 5400
	KCD2U5EQALRB 1 447144 1 ITFSP5051021 Test ROute Op7 codes (Next)	RC250921 wcnb250921 100 0 0	8.33 2940 5400
	KCD2U5FQALA9     1 447144     1 ITF5P5051021     Test ROute     Op7     codes     (Next)	RC250921 wcnb250921 100 0 0	8.33 2940 5400
	KCD2U5GQALM4     1 447144     1 ITF5P5051021     Test ROute     Op7     codes     (Next)	RC250921 wcnb250921 100 0 0	8.33 2940 5400
	KCD2U5HQALKN 1 447144 1 ITFSPS051021 Test ROute Op7     codes (Next)	RC250921 wcnb250921 100 0 0	8.33 2940 5400
	KCD2U5JQALPZ     1 447144     1 ITFSPS051021     Test ROute     Op7     codes     (Next)	RC250921 wcnb250921 100 0 0	8.33 2940 5400
	KCD2U5KQALGU 1 447144 1 ITF5P5051021 Test ROute Op7     codes (Next)	RC250921 wcnb250921 100 0 0	8.33 2940 5400
	KCD2U5LQALD5 1 447144 1 ITFSP5051021 Test ROute Op7	RC250921 wcnb250921 100 0 0	8.33 2940 5400 -
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Route Reassignment action will allow user to reassign routes for any non-started job (No operation started). If any operation was started for a job, that job won't be included in the available list of jobs to reassign route. This tab will show jobs grouped by Route Code; each route row will have a Total Orders column indicating how many orders have that route assigned.

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2	A > Manage Production Orders > S	Admin > Route Reassi	gnment			Business Ur	nit: wcns250921	Application: Applica	tion (Plant)
U	Route Reassignment								🕑 RawData 🛛 💡
2	Filter By Select Opera	etor 👻 Enter Valu	Je 🏹 i 🕻	io 🕨					
3				_				apacity Utilization Rep <mark>re</mark>	
							-		Move Order
	Active Orders Machine Capacity M	Incompany Machine P	Poute Peaceign	View Orders Ry Item	Complete	d Orders		L	
	Active orders - Machine capacity M	lanagement machine ki	Koute Reassignin	View Orders by item	complete	a orders			
ú									1 to 7 of
	Route Code		Route Name					Total Or	lers
Ľ			500						
5	0 033		533						/ ▲
23	Card ID	Cycle No	Supplier Item No.	Description	PO #	PO Line #	Plant	Car Qt	d Past Due y
	KCD2TCFQALYF	1	ITRoute300921	test		0	wcnb250921	4	5 🔔
	KCD2TCGQAL7A	1	ITRoute300921	test		0	wcnb250921	4	5 🔥
	KCD2TCHQAL9Y	1	ITRoute300921	test		0	wcnb250921	3	5 🔔
	KCD2TCKQALSJ	1	ITRoute300921	test		0	wcnb250921	4	5 🔥
	KCD2TCLQALXB	1	ITRoute300921	test		0	wcnb250921	4	5 🔔
	KCD2TCMQAL8E	1	ITRoute300921	test		0	wcnb250921	4	
_		1	Default Pourte	test		0	WCH0250921		2 -
	C R3		3R3						4 🔻
	RC250921		RC250921					4	2 🕇
	Rdefault1		Rdefault1					1	1 🔻
	Route051021		Route051021						9 🔻
	RoutaMulti		RouteMulti					1	• 🗕

When user completes selection, Move Order(s) button should be pressed to display a popup dialog grouping jobs by supplier item and then allowing to change route for selection.

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)	Manage Production Orders  S Route Reassignment	Admin > Route	Reassignment			Business U	nit: wcns250921 Applicati	on: Application	(Plant) RawData
Fi	ilter By	ator 💌 Er	nter Value	Go ►					
}	Active Orders Machine Capacity N	Management Mac	thine Reassignment Route Reassig	nment View Orders By Ite	n Complete	ed Orders	Capacity Ut	ilization Rep	☑ Move Order
i									1 to 7 of
à	Route Code		Route Name					Total Orders	
	533		533					7 🖌	
	Card ID	Cycle No	Supplier Item No.	Description	PO #	PO Line #	Plant	Card Qty	Past Due
	KCD2TCFQALYF	1	ITRoute300921	test		0	wcnb250921	45	<u>^</u>
	KCD2TCGQAL7A	1	ITRoute300921	test		0	wcnb250921	45	<u> </u>
	KCD2TCHQAL9Y	1	11Route300921	test		0	wcnb250921	35	4
		1	ITROUTe500921	test		0	wcnb250921	45	<u></u>
		1	ITROUTe300921	test		0	wcnb250921	45	<u>^</u>
	KCD2TCNQALT4	1	ITRoute300921	test		ō	wcnb250921	45	2
	Default		Default Route					13 🗨	,
	🗆 R3		3R3					4 🦷	•
	RC250921		RC250921					42 🗨	ł
	Rdefault1		Rdefault1					11 🦷	•
									-
	Route051021		Route051021					9	

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â	Manage Production Orders         S>         Admin         Route Reassig           Route Reassignment         Image: Source Reassignment         Imag	nment	Business Unit:	wcns25092	1 Application:	Application (Plant) 🔹
	Route Reassignment         Filter By       Select Operator         Active Orders       Machine Capacity Management         Machine Code         Image: Select Operator         Route Code         Image: Select Operator         Image: Select Operator         Route Code         Image: Select Operator         Image: Select Operator         Image: Select Operator         Route Code         Image: Select Operator         Image: Select Oper	Bulk Route Reassignment Please select route to reassign. ITRoute300921 From 533 ITPS1410221 From Default ITFSP5061021 From Default R3 ITPSMulti051021 From	To Default   To R2  To Rout1  Default  Concel  Conc	ļ	Capacity Utilizati	RawData RawData
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When supplier item has just one route assigned, there won't be any other option available in dropdown.

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â	Amage Production Orders > S> Admin > Route Reassignment	ent		Business Unit: wcns25092	1 Application:	Application (Plant) 🔹
	Filter By       Select Operator       Enter Value         Active Orders       Machine Capacity Management       Machine Reass         Route Code       533       Enter Value         Ø Default       R3       RC250921         Ø Route051021       Route051021         Ø RouteMulti       Enter Value	Bulk Route Reassignment lease select route to reassign. ITRoute300921 From 533 ITPS1410221 From Default ITFSP5061021 From Default R3 ITPSMultI051021 From Erom	To Default Default To R2 To Rout1 Default To OK Ø Cancel		Capacity Utiliza	tion Report Plan Details Move Order(s) 1 to 7 of 7 otal Orders 7 * 13 * 4 * 42 * 11 * 9 * 10 *
		Ultriva ©	2020			

Finally, once the reassignment is completed, user will get a notification message indicating route was changed successfully.

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â	Manage Production Orders         S> Admin         Route Reassignment	ent	Business Unit: wcnS250921 Application: Application (Plant) 💌
	Route Reassignment was executed successfully		
	Filter By Select Operator Enter Value	<b>▼</b> <sup>€</sup> Go →	Capacity Utilization Report 39Production Plan Details
ш	Active Orders Machine Capacity Management Machine Reass	gnment Route Reassignment View Orders By Item Comple	C Move Order(s)
Û			1 to 7 of 7
÷.	Route Code	Route Name	Total Orders
	533	533	7 🕶
	Default	Default Route	13 🔻
	□ R3	3R3	4 🔻
	RC250921	RC250921	42 🔻
	Rdefault1	Rdefault1	11 🔻
	Route051021	Route051021	9 🔻
	RouteMulti	RouteMulti	10 🔻
		Ultriva © 2020	

#### 1.1.6 OEEDataLoad

When Use Named Routes, setting is set to ON into the system, application will use routes in the OEE Data Load file, here new columns should be added (RouteCode and RoutePriority). These are mandatory columns to make this work when using named routes. Route code could be empty if the user wants to use the Default route (Or use the Default word). Route Priority indicates if the route for certain item is preferred or not.

New columns added to the OEEDataLoad file template.

Supplierts Supplierts Operation Operation Machine OperCycle OperCycle OperSett OperLinke Schedules Schedul		
puppient operation internite operation internite operation operation operation operation internite operation internite operation operation operation internite operation operation internite operation operation internite operation operation operation operation operation operation internite operation operation operation operation internite operation operation operation operation internite operation operati	perUnSeSchedulo Routed	ode RoutePriority
test DISTRIBUT CUT TUBE 10 SAW #2 SAW 2 10.75269 0.0167 0 D 3/16" 20.0" 10.75269 1 10 10 10	10 Defaul	1
test DISTRIBUT CUT TUBE 10 SAW #3 SAW 3 10.75269 0.0167 0 D 3/16" 20.0" 10.75269 0 20 20 20	20 Defaul	1
test DISTRIBUT CUT TUBE 10 SAW #4 SAW 4 10.75269 0.0167 0 D 3/16" 20.0" 10.75269 0 30 30 30	30 Defaul	1
test DISTRIBUT CUT TUBE 10 SAW #5 SAW 5 10.75269 0.0167 0 D 3/16" 20.0" 10.75269 0 40 40 40	40 Defaul	1

When file is processed OEEDataLoad process is creating/editing routes and assigning to them operations and machines for supplier items.

Optional fields can be included in file to set RouteName and RouteDesc, if those values are not set into the file, RouteCode will be used for both.

#### 1.1.7 ERPPlannedOrders

ERPPlannedOrders file now have an optional field named RouteCode, when this parameter is set into the file, the process will release orders using that RouteCode, so, when orders are going through production sequence, they will be using that route to define operations and machines. When value is not set into the file, preferred route for the supplier item will be used in the release process

1	1	4	В	С	D	E	F	G	Н	I	J	K	L	M
1	EBJ_	BUSC	EBJ_ITEM	OrderNun	OrderLine	OrderRele	OrderRele	OrderQty	OrderDate	VendorCo	ReqShipDate	ReqReceiv	Addtl_Reference	RouteCode
2	TLR		A8311-1	575593	1		1	615	00:00.0	AA	3/11/2013	3/11/2013		
3	TLR		A8311-1	575593	2		1	615	00:00.0	AA	3/12/2013	3/12/2013		
4	TLR		A8311-1	575593	3		1	615	00:00.0	AA	3/13/2013	3/13/2013		
5	TLR		A8311-1	575593	4		1	615	00:00.0	AA	3/14/2013	3/14/2013		
6	TLR		A8311-1	575593	5		1	615	00:00.0	AA	3/15/2013	3/15/2013		
7	TLR		A8311-1	575594	21		21	615	00:00.0	AA	3/16/2013	3/16/2013		
8	TLR		A8311-1	575594	21		21	615	00:00.0	AA	3/17/2013	3/17/2013		
9	TLR		A8311-1	575595	21		21	6.15	00:00.0	AA	3/18/2013	3/18/2013		
10	TLR		A8311-1	576595	21		21	6.15	00:00.0	AA	3/19/2013	3/19/2013		

When non-assigned route or non-existing route is set into the file for certain item, that record will result in a failure in the batch job status report where error message will indicate Route Code is not assigned to supplier item.

•	Enter Value	τ. 60	•						
ltem	ltern	Supplier Code	PO #	PO Line #	Order Qty	Order Date	Reqd Ship	Reqd Receive	StatusMsg
792793	792793	\$	4525033	1	200	10/01/2021	09/28/2021		EbnKanbanCard: Route Code Route 45 is not assigned to supplier item

Confidential internal document

Date: November 19, 2021

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#### 1.2 Add Scrap Reason validation to Win CE Scan Close Production.

On WinCE Scan Page Close Production scan action added Scrap Reason and Scrap Reason Text fields, Scrap Reason will load values from the Scrap Reason entity.

Setting Scrap Reason Required setting in LFM bus unit configuration tab is also used here to validate or not the scrap reason entered by the user.

← → C ☆ 🏻 engineering.ultrivalms.com/QALS10/V	VinCE/CloseJobInput
🔢 Apps 🔇 Web Slice Gallery 📙 Imported From IE 💠 System	n Dashboard 👿 QA LS TEST Site 🛛 🦽 List of Options Trad 👿 https://dei
Ū.	Ultriva Lean Suite QA 10
Close Production Scan	
Card Id:	KCD2RHNQALBG-002-1
Close Qty:	
Scrap Qty:	
Scrap Reason:	Select Reason
Scrap Peacon Texts	Select Reason-
	SR2
L L	Submit Back
	Ultriva © 2020

#### 1.3 Bulk Issue Batch Export

Created new feature to provide an integration task that export data for consumed cards that have the item configuration setting to "Include in Bulk Issue Export". Bulk Issue Batch Export :

#### Add Item level configuration for "Include in Bulk Issue Export"

A > Integration > F> A> Admin > P	tem	Business Unit:	TCEK-Ram	•	Application:	Application (Plant)		
Modify Item 00kantest				Last modifie	ed on [10/08/20	021] by [Buyer Test]	9	•
Commodity Code:	None	ABC Code:	None	~				
Tolerance Information								
*Ship Quantity (Pieces):	0	*Receive Quantity (Pieces):	0					
Card Cycle Settings								
Wait at dock for inspection Wait for Put Away Force Tolerance Force Attachments when shipp Hazardous Material (HAZMAT) Sheft Life Controlled Force Packing Silp No Consignment Item Do no include fins item for Aut Linclude in Bulk Issue Export	o Resize							

Configure Item Data Load job to include flag for Bulk Issue Export.

Add new system rule to move consumed cards to our Integration table, this rule will trigger when you release any card for items with the "Include in Bulk Issue Export" flag checked.

	/								
	Ru	ile List							8
F	ind R	ule Title	#4 #4				_		
	+ A	dd 🕼 Edi	it 🗙 Disable 👁 Pr	review Rule					
	Sys	tem Rules	Local Rules						
	Sor	ted by: Rule 1	Title			Viewing 1 to 10 of	23 🖣 Page	1 🔻	of 3 🕨
		Rule Type	Rule Title 1	Rule Description	NotifyTo	Business Name	Browser?	Email?	Table?
	•	KanbanCard	approve shipping schedule	Notify users when Shipping Schedule is approved by buyer. Apply this rule to Items: all Items and Suppliers: all suppliers	Buyer User,Supplier User		1		
	e.	KanbanCard	Bulk Issue Rule	Insert record to Supplier RIFPO Create Table when a new order/card is released for Bulk Issue Items. Apply this rule to Suppliers: all suppliers	TableEboRIFPoCreateDef				
	•	KanbanCard	create ship schedule	Notify users when Shipping Sschedule is requested by supplier. Apply this rule to Items: all Items and Suppliers: all suppliers	Buyer User,Supplier User		<b>«</b>		
	1	KanbanCard	Expected Receive Date		TableEboRIFPoCreateDef				1
	1	KanbanCard	InventoryTransfer Rule		TableEboRIFPoCreateDef				1
		KanhanCard	Po Accent Rule		TableFhoRIFPoCreateDef				

New integration (Bulk Issue) is added to LeanSuite and Integration Status report

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													1 to	o 15 d
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JOBERPPOSYNC	DataIn	POSync_*		newftp.ultrivalm	is.com \$1N	/lin		1	2		DONE		10/30/	2021
JobErpReceiptsSync	DataIn	RReceiptsSy	nc10_*	newftp.ultrivalm	is.com \$1N	/lin			6		DONE		10/30/	2021
/ JobExpBulkissue	DataOut	Bulkissu_		newftp.ultrivalm	is.com \$1N	/lin		1	4		DONE		10/30/	2021
	DataOut	ED1830_*		newftp.ultrivalm	is.com \$1N	/lin			3		SKIPPE	D	09/28/	2021
	DataOut	FD1060 *		noutto ultrivolos	Business l	Unit: TCEK-	Ram		A Applic	ation: App	cicion (	(Plant)	00/20/ T	2024
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ruci mucking			7110113				•	PO Car	cel		0	<u>0</u>	9	)
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Admin > II) /> Release >	Integration			Business Unit:	TCEK-Ram	*	Application:	Applicat	ion (Plant)	Ŧ	
Batch Job Bulkissu	e Summary Report							🔒 Print	C Export	8	
									▼ Ch	iange Fi	lter
		Job Name: JOBEXP	BULKISSUE, Date Range	10/03/2021-10/0	8/2021						
Sorted by: Uploaded On										1 to 9 of	f 9
Batch ID 1	Exported On 1	Exported By ↓	File Name 1	Status 1	Pending ↑	Completed ↑	Failed 1	Sent ↑	Disabled	1	Total
BAT1343-211008-QALDR	10/08/2021 10:54:12 PM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	5	0	o		0	5
BAT1342-211007-QALQB	10/08/2021 12:54:31 AM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	3	0	C		0	3
BAT1340-211007-QAL4Q	10/08/2021 12:47:32 AM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	2	0	C		0	2
BAT1339-211007-QAL6Z	10/08/2021 12:43:53 AM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	1	0	C		0	1
BAT1334-211006-QAL83	10/07/2021 05:35:05 AM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	2	0	o		0	2
BAT1333-211006-QALCG	10/07/2021 05:24:36 AM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	1	0	o		0	1
BAT1331-211006-QALYK	10/06/2021 08:54:14 PM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	1	0	o		0	1
BAT1330-211006-QALXY	10/06/2021 05:53:57 PM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	2	0	C		0	2
BAT1329-211005-QALMU	10/06/2021 06:02:42 AM	intg_BSU22ZAQALQG	BulkIssue_001.txt	DONE	0	1	0	C		0	1
Total					0	18	0				

## Click "Completed" link, detail Report will show with Bulk issue proper fields.

Admin > II /> Release > Integration			Business Unit:	TCEK-Ram	٣	Application:	Application	(Plant)	*
Job Export Bulk Issue Detail Report							🔒 Print 🛛	Export	0
						T C	nange Filter	⊖ Back t	to Summary
Filter By	Tx Go >								
Find Item									
Sorted by: Item									1 to 5 of 5
Line # Plant Code	Item	Qty		Price Per	иом	Location Code			
1 TCEK-Ram	00kantest	100			2.00	SubInv01 Loc01			
2 TCEK-Ram	00kantest	90			2.00	ItemLoc			
3 TCEK-Ram	01KanTest	1,000			1.00	SubInv00 Loc00			
4 TCEK-Ram	01KanTest	1,000			1.00	SubInv00 Loc00			
5 TCEK-Ram	01KanTest	1,000			1.00	SubInv00 Loc00			

Design batch job for Bulk Issue Export and choose process Type= "Bulk Issue" By default you will have four fields and new extra fields as following.

ñ F	> Integration Wizard > I> F> Admin > Home Field Mapping for JOBEXPBULKISSUE				Business Unit:	SysAdm	Application:	Application (Sys Admin) 🔻
								1 to 6 of 6
	Description	Title		ERP Field				
☑	ITEM_NUM	Item Code		I				
	LOCATOR_CODE	LOCATOR_CODE						
✓	ORGANIZATION_CODE	Org Code						
✓	QUANTITY	Qty Transacted	_					
V	SUBINVENTORY_CODE	SUBINVENTORY_CODE						
V	UNIT_OF_MEASURE	Unit of Measure	-					

+	Add New Field

Output file contain ITEM\_NUM,ORGANIZATION\_CODE,QUANTITY,UNIT\_OF\_MEASURE,SUBINVENTORY\_ CODE,LOCATOR\_CODE

🥘 Bulkissu\_20211015123634 - Notepad File Edit Format View Help QUANTITY UNTT\_OF\_MEASURE SUBINVENTORY\_CODE TEM NUM ORGANIZATION CODE LOCATOR\_CODE 45.0000 EA 33 66 TBulk151021 TCEK-Ram 788 TBulk151021 TCEK-Ram 30.0000 EA 96

#### 1.4 Subinventory Transfer Export Integration.

Create new service task for ExpMaterialStatusExtract and check exported Material status file. Add configuration to existing job to split concatenated values (split with pipe character) in Location Code field and write to file as separate fields (Locator and Subinventory). Configuration to be called "Split.LocationCode" to separate values

â	🛋 📏 Admin 📏	Integration > Service Task			Business Unit: SysAdm	Application:	Application (Sys Admin)	*
	Manage .	Job File Params f	or JOBEXPINVENTORYTRANSFER	R			•	2
ţ)			commaasdecseparator:	Period -			0	
â			ftp.clientkind:	.NET 👻			0	
			exportfilewithts:				0	
			exp.hdr:	$\checkmark$			•	
			tsformat:	yyyyMMddHHmmss			0	
			wait.erp:				0	
			exp.pubzerobytefile:				•	
			pwd.enc:	S			0	
			rowdelimiter:	{CRLF}			0	
			imp.xml:	Delimited -			0	
			rowxpath:				0	
			split.locationcode:	Y			0	

Add four new mapping fields to Inventory Transfer Job:

SUBINVENTORY\_CODE,LOCATOR\_CODE,TRANSFER\_SUBINVENTORY,TRANSFER\_LO CATOR

	upland Ultriva	Ultriva Lean Suite QA 10		<b>ৎ</b> ♡ 🕐	🌔 System <b>\$</b> Administrator 🔻
G	# > Integration > Admin > Home Field Mapping for JOBEXPINVENTORYTRANSFER		Business	s Unit: SysAdm Application:	Application (Sys Admin) 👻
ţ	Description	Title	ERP Field		
ゴ		Location Code			
	K OKGID	orgio			
	ORGANIZATION_CODE	Org Code			
	☑ ParentBusinessCode	ParentBusinessCode			
	ParentBusinessName	ParentBusinessName			
	ParentConcentratorName	ParentConcentratorName			
	QUANTITY	Qty Transacted			
	ReleaseID	ReleaseID			
	2 SUBINVENTORY_CODE	SUBINVENTORY_CODE			
		To Location			
	TRANSACTION_BY	Transacted By			
	C TRANSACTION_DATE	Transaction Date			
	TRANSACTION_TYPE	Transaction Type			
	2 TRANSFER_LOCATOR	TRANSFER_LOCATOR			
	TRANSFER_SUBINVENTORY	TRANSFER_SUBINVENTORY			
		Ultriva © 2020			

Move any card location from Action > Move Location and use pipe in location name like this :SubInvLoc|Location

≡	upland Ultri	va		Ultriva Lea	n Suite Q	A 10			Q	2	? ?	🕕 Buye	K Test 🔻
â	Actions > Move L	ocation					Business Unit:	TCEK-Ram	×	Application	Applicatio	n (Plant)	×
	Move Locatio	n Cards List 👅								🖲 Views 👻	🖨 Print	🕑 Export	0
								Move Location	D Att	ch Notes	← Back To It	ems ≓ (	hange Filter
	Sorted by: Item, Card ID												1 to 1 of 1
<u>10.01</u> (9.0)		Card ID	Item	Cycle No	Card Qty	Current Location	New Loca	ation					Reset Qty
~	V	KCD2RCPQAL6M	09r	0	90	Subinv12/loc12	ıbinv13)lo	c13 🗙					90
221								Move Location	D Att	ch Notes	+ Back To It	ems ≓ (	hange Filter
4													
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<b>R</b> 111	"Inven	tory Transfer" s	ervice a	nd check t	the ou	utnut file							
inver	tory_transfer_001 - N	otepad				uput me.						- 0	×
The De	R Tonnac View	Help				1							
SUBI	NVENTORY CODE	TRANSFER SUBTIVENTORY	LOCATOR CODE	TRANSFER LOCA	ATOR								^
· EA	Subinv12	Subinv13 loc12	loc13			•							

. Create Custom Report Kanban "Active Cards" : Add the filter "Card Action equal to "MoveAndResetQty"

Make sure you have [ 'PrevLocation', Unit Price, Product Family and classification Code ] are exists within the available fields.



#### Add Total Price formula field.

upland Ultriva		Ultriva Lean Suite QA 10 Add Formula Field	K Dam
Create custom report	5	Formula Field Name: Total Price	-ram
Available Fields	Sort Fields	Expression:	
Card ID		CardQty," PricePerUOM	
Card State			
Cycle No		+ - * / ( ) / Space / Clear Expression / Enter Literal Value	
Card Qty		Backspace	
Ship Qty		Available Fielde	
Receive Qty	_	Original Reg Ship Date	
Card Action >		Expected Receive Date	
Last Action Time		Suppler Item No. Expination Date	
Development of the second seco		Manufacture Date Item/JseeParam1	
Ham		ItemUserParam2 ItemUserParam3	
Description			
Release Date		V Add Ø Cancel	
Accept Date			
	wax number	or the sort heras is 62	
6. Add Formula Fields			

Add another 4 formula fields with the following expression : SubInventoryCode : Split( PrevLocationCode,'|',0) Locator Code : Split( PrevLocationCode,'|',1) Transfer SubInventory : Split( LocationCode,'|',0) Transfer Locator : Split(LocationCode,'|',1)

Or use the following complex expressions :

SubInventory Code : (IndexOf( PrevLocationCode,'|')=-1) ? "!| Split( PrevLocationCode,'|',0) Locator Code :

(IndexOf( PrevLocationCode,'|')=-1) ? PrevLocationCode !| (SubString(IndexOf( PrevLocationCode,'|')+1,length(PrevLocationCode) - IndexOf( PrevLocationCode,'|'),PrevLocationCode))

_			Add Formula Field	K Dame
Ŵ	Create custom report		Formula Field Name:	K-Rdm • AP
	Available Fields Card ID	Sort Field	Expression:	
52	Card State Cycle No		spiel_coanon-coe, ; 1)	
10.01	Card Qty		+ · · / ( ) / Space / Clear Expression / Enter Literal Value	
ай	Receive Qty		Backspace     Available Fielde-	
ţ	Card Action Last Action Time Location Code		Card Sure Card S	
¢	PrevLocationCode		Receive City Carl Action Last Action Trans Lastino Cole Prep. Josefor Cole	
	Description Release Date		Description ♥ ● Add Ø Cancel	
	Accept Date	Max numb		
	6. Add Formula Fields			

#### Show the report and validate its data.

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Actions >	I> F> 0	reate Cust	om Repo	rts > Ci	ustom Repo	rt									Busi	ness Unit: TCEK-I	Ram		*	Application:	Application (F	vlant)	*
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Plant: TCEK-Ram	and its w	orkcenters	, Card /	Action E	qual To: Mo	veAndResetQty, R	un as: <mark>Buyer</mark>														<b>▼</b> Cha	nge Filter	G' Edit Rej
																				Viewing 4	01 to 408 of 40	6 🖣 Page 🛛 ?	3 🔻 of 3
Card ID ↑	Card State	Cycle No	Card Qty	Ship Qty	Receive Qty	Card Action	Last Action Time	Location Code	PrevLocationCode	Item †	Description †	Release Date	Accept Date	Reqd Ship	Ship Date	ReqReceiveDate 1	First Name	Last Name	Total Price	Subinventory Code	Locator Code	Transfer Subinventor;	f Transfe Locato
KCD2KLGQALTR	On Hand	0	150	C	) 0	MoveAndResetQty	11/18/2020 12:34:38 PM	Loc181120	Loc181120	IT181120_1	Test sup roll up	-			-	-	Ultriva	Usser	450	Loc181120	Loc181120	Loc181120	Loc181
KCD2KLHQALV3	On Hand	0	150	C	) 0	MoveAndResetQty	11/18/2020 12:34:38 PM	Loc181120	Loc181120	IT181120_1	Test sup roll up		-		•		Ultriva	Usser	450	Loc181120	Loc181120	Loc181120	Loc181
KCD2KLJQALZC	On Hand	0	150	C	) 0	MoveAndResetQty	11/18/2020 12:34:39 PM	Loc181120	Loc181120	IT181120_1	Test sup roll up	•	-		•	•	Ultriva	Usser	450	Loc181120	Loc181120	Loc181120	Loc181
KCD2QHAQALYQ	On Hand	0	35	C	) 0	MoveAndResetQty	12/07/2020 07:18:10 PM	Loc021220	Loc021220	ITMAT021220	10 regression testing		-			-	Buyer	Test	175	Loc021220	Loc021220	Loc021220	Loc021
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## 1.5 Add 'PO # / Part #' to ship page filter

Added 'PO # | Item No' filter field in the Ship page.

	upland Ultriva	a	Ultriva Lean Suite	QA 10
	Actions > Ship Ship Items List	T		
	Plant wcnb250921 x	Cards Show	Category Commodity Code A List V II All V II All V	BC Code RYG All V All V
	Filter By	Select Operator	<b>▼</b> Go →	
F	PO # PO Line # In Release # Release Line #	94 <i>9</i> 4		
s	Work Order No. Supplier Item No.			
R	Description Yeqd Ship		Description 1	Plant Item No 🧻
	PO #   Item No		Test ROute codes	ITFSPS051021

#### 1.6 Item master page action buttons handled by privilege

All item page action buttons and options are now handled by privilege allowing to hide/show them according to specific user or user group privileges.

≡	upland Ultriva	U	Iltriva Lean Suite QA 10	C	<b>२</b> 🔿	?	🕕 wcnb250921 User 🔻
Ŵ	Set Privilege for User: wc	nb250921user and Busl	Business Unit Jnit: wcnb250921	Last modifie	Application	on: Ap	plication (Plant) 🔹
2	Root A	Action Name	-	Allow	Char	nge Acces Deny	s To
() 🖭 🔏 ()	Hrst Level Admin User User Group Supplier Workcenters Entities Item Calendar Rules Shift Tools Customer Item Terms and Conditions RPC Configuration Kanban Label	Item     Add Item     Add Item     Edit Item     Disable Item     View Details     Associate Customer     Disabled Items     I. Loog Size     RYG Rule     RYG Rule     RYG Rule     Rig Configuration     Bill Of Materials     Change Coordinator     Atachment     Replace Item					
	My Account Customer Admin Customer • *Required field	Replace Item Serial Number Masks Clone Item	Ultriva © 2020				V V V Save ⊘ Cancel
=	unland Illtriva	1	Iltriva Lean Suite OA 10	0 4	s ෆ	0	() wmb250921 User 🔻

Image: Second Dy: Item   Image: Second	_	up		a				<i>a</i> • • • •			<u> </u>	
Items List       There Wees Wees Pint Person         Image: Commodity Code:       All wees         All wees       All wees         Supplier:       Hern no. starts with:         Supplier:       Hern no. starts with:         Ref By:       Select Operator         Image: By: <t< th=""><th><math>\bigcirc</math></th><th>ń &gt;</th><th>User 📏 Item</th><th></th><th></th><th></th><th></th><th></th><th>Business Unit: wcnb</th><th>250921 Application</th><th>Application (Plant)</th><th>Ŧ</th></t<>	$\bigcirc$	ń >	User 📏 Item						Business Unit: wcnb	250921 Application	Application (Plant)	Ŧ
Commodity Code:       Show:       RYG:         All       All       Item no. starts with:       Category:         Supplier:       Item no. starts with:       Category:         All       Item no. starts with:       Category:         Pind tem       Item no. starts with:       Category:         Supplier:       Item no. starts with:       Category:         Pind tem       Item no. starts with:       Category:         Started by: Item       Item 1       Description         Wie Category Item       Test Route       Standard Cy         Pind tem       Item 1       Description         Vie Category Item       Test Route       Standard Cy       Default         Pind tem       Item 1       Description       Standard Cy       Default         Pind tem       All tem 1       Description       Standard Cy       Default       Commodity Code       No. of Cards       Standard Cy         Pind tem       Item 1       Description       Standard Cy       Default       Commodity Code       No. of Cards       Status         No. of Cards       Standard Cy       Standard Cy       Default       Commodity Code       No. of Cards       Status         No and Life Strouting       45       wors2		lte	ms List						T Filters	▼ <sup>●</sup> Views ▼	🔒 Print 🛛 🔀 Export	?
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Filter By       Select Operator       Enter Value       Control         Filter By       View Details       Card Cards Option       Card Caludator         Accodate Supplier       Commodity Code       ABC Code       No. of Cards I       Status         Rris       Category I       Item 1       Description       Disable Item       Standard Qy I       Default       Commodity Code       ABC Code I       No. of Cards I       Status         Rris       Category I       Item 1       Description       Disable Item       45       wons250921       Unknown       Unknown       47       Active         Forecast       ITFSP5051021       Test Routing       45       wons250921       Unknown       Unknown       18       Active         Kanban       ITPS051021       Test Routing       45       wons250921       Unknown       Unknown       18       Active         Kanban       ITPS1410221_1       Test Routing	52	Sup	pplier:	ltem no. starts	with:	Category:	-			91.7% 8.3%	Kanban	
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RVG         Category         Item 1         Description         Description         Standard Qy         Default         Commodity Code         ABC Code         No. of Cards         Status           Image: Forecast         TFSPS051021         Text ROUTe         Image: Coordinator Attachment         45         wora250921         Unknown         Unknown         47         Active           Image: Forecast         TFSPS051021         Text ROUTe         Image: Coordinator Attachment         45         wora250921         Unknown         Unknown         47         Active           Image: Kanban         TFSS5061021         Text Routing         45         wora250921         Unknown         Unknown         17         Active           Image: Kanban         TFSS501021_1         Text Routing         45         wora250921         Unknown         Unknown         17         Active           Image: Kanban         TFSS101021_1         Text Scrap Reason         45         wora250921         Unknown         Unknown         18         Active           Image: Kanban         TFSS1410221_1         Text Scrap Reason         45         wora250921         Unknown         Unknown         18         Active           Image: Kanban         TFSS151021_1         test Scrap Reason <td< td=""><td>¢</td><td>Sorte</td><td>d by: Item</td><td></td><td></td><td>Associate Supplier RYG Rules</td><td></td><td></td><td></td><td></td><td>1</td><td>to 24 of 24</td></td<>	¢	Sorte	d by: Item			Associate Supplier RYG Rules					1	to 24 of 24
Forecast       ITFSPS051021       Test ROute       Bit Of Materials       45 words250921       Unknown       Unknown       47 Active         Forecast       ITFSPS051021       Test ROute       Replace tam       45 words250921       Unknown       Unknown       18 Active         Kanban       ITPS051021       Test Route       Sand Humber Masket       45 words250921       Unknown       Unknown       17 Active         Kanban       ITPS051021       Test Route       Sand Humber Masket       45 words250921       Unknown       Unknown       18 Active         Kanban       ITPS051021       Test Soute       45 words250921       Unknown       Unknown       18 Active         Kanban       ITPS011021       Test Sorap Reason       45 words250921       Unknown       Unknown       18 Active         Kanban       ITPS151021_1       test Sorap Reason       45 words250921       Unknown       Unknown       19 Active         Kanban       ITPS151021_1       test Sorap Reason       45 words250921       Unknown       Unknown       18 Active         Kanban       ITPS151021_1       test Sorap Reason       45 words250921       Unknown       Unknown       18 Active         Kanban       ITPS151021_1       test Sorap Reason       45 words250921 <td></td> <td>RYG 1</td> <td>Category 1</td> <td>ltem †</td> <td>Description</td> <td>Change Coordinator Disabled Items Attachment</td> <td>Standard Qty 1</td> <td>Default Supplier</td> <td>Commodity Code ↑</td> <td>ABC Code 1</td> <td>No. of Cards <math display="inline">\ </math></td> <td>Status</td>		RYG 1	Category 1	ltem †	Description	Change Coordinator Disabled Items Attachment	Standard Qty 1	Default Supplier	Commodity Code ↑	ABC Code 1	No. of Cards $\ $	Status
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Kanban       ITPS051021       Test Routin Serial Number Masks       45 wons250921       Unknown       Unknown       17 Active         Kanban       ITPS051021_1       Test Routing       45 wons250921       Unknown       Unknown       31 Active         Kanban       ITPS1410221       Test Routing       45 wons250921       Unknown       Unknown       18 Active         Kanban       ITPS1410221_1       Test Scrap Reason       45 wons250921       Unknown       Unknown       19 Active         Kanban       ITPS151021_1       Test Scrap Reason       45 wons250921       Unknown       Unknown       19 Active         Kanban       ITPS151021_1       test PS       450 wons250921       Unknown       Unknown       28 Active         Kanban       ITPS15021_1       test PS       45 wons250921       Unknown       Unknown       13 Active         Kanban       ITPS15021_1       test PS       45 wons250921       Unknown       Unknown       0 Active         Kanban       ITPS15021_1       test Routing       45 wons250921       Unknown       Unknown       0 Active         Kanban       ITPS250921_1       Test Routing       45 wons250921       Unknown       Unknown       0 Active         Kanban       ITPS250921_2 <td></td> <td></td> <td>Forecast</td> <td>ITFSPS061021</td> <td>Test ROute</td> <td>Replace Item</td> <td>45</td> <td>wcns250921</td> <td>Unknown</td> <td>Unknown</td> <td>18</td> <td>Active</td>			Forecast	ITFSPS061021	Test ROute	Replace Item	45	wcns250921	Unknown	Unknown	18	Active
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Lifering @ 2020			Kanban	ITP5250921_2	Test Routin	ø	45 Ultrive @ 2020	wcns250921	Unknown	Unknown	15	Active

#### 1.7 Login checkboxes updated to allow using them in scan guns

Checkboxes were updated to use plain and clean HTML components allowing to be displayed in scan guns and regular browsers.

upland Ultriva	Be the first to know!
wcnb250921user	
<b></b>	
Use Single Sign On Mobile Scanner Site	
Log In	
Forgot Password?	Join Upland Ultriva on LinkedIn
information held on or in or generated by this system is proprietary and confidential. Any unauthorized use or unauthorized disclosure of such information is strictly prohibited. We log all activity on this system and will report any violations to the proper institutions.	Linked in
rivacy Policy V10.0	

Confidential internal document

Date: November 19, 2021

#### 1.8 Kanban Loop Design Wizard changes.

Change the order of the buttons on the Kanban Loop Design Wizard so that "Calculate Cards" comes first then "Confirm Kanban Loop Design". (You should click calculate first, then click confirm).

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â	ň	> Admin > A> 1 Kanban Loo	<sup>iools</sup> ≯ p De	Kanban L sign W	oop De <b>'izar</b> i	sign d										Business Unit: Wcnb250921 Application: Application (Plant) 👻							
2																🔄 Calcu	late Cards	Ø	Confirm Kan	ban Loop Des	ign for Selecte	d Items	Change Filter
;=	Sorted by: Item																					1 to 22 of 22	
<u>10 01</u> 10 01	0	Item Qty UsagePerDay Handling Time		g Time	Lead T	ime Transit		ïme	e SafetyStock		Calculated	Cards	Total Cards	Current Loop	Unit	Value of Cards to	Description	Supplier	Cards To Be	Non Replenishment			
	0	ITPS051021	Card 45	Current 45	New 45.0	Current 3	New 3.00	Current 4	4.00	Current 4	New 4.00	Current 2	New 2.00	Current 17	New	17	Size	3.00	Add/Delete	Test	wcns250921	Destroyed 0	Cards
<u>iii</u>		ITP5051021_1	45	45	45.0	3	3.00	4	4.00	4	4.00	2	2.00	17	17	31	17	3.00	0	Test Routing	wcns250921	0	14
ţ)		ITP51410221	45	45	45.0	0	0.00	3	3.00	3	3.00	2	2.00	8	8	18	17	3.00	1,350	Test Scrap Reason	wcns250921	1	0
¢		ITP51410221_1	45	45	45.0(	0	0.00	3	3.00	3	3.00	2	2.00	8	8	19	19	3.00	1,485	Test Scrap Reason	wcns250921	0	0
		ITPS151021	450	450	450.(	0	0.00	3	3.00	3	3.00	0	0.00	6	6	28	28	0.00	0	test PS	wcns250921	0	0
		ITPS151021_1	45	45	45.0(	0	0.00	3	3.00	3	3.00	0	0.00	6	6	13	13	0.00	0	test PS	wcns250921	0	0
		ITPS250921	45	45	45.0(	0	0.00	2	2.00	2	2.00	2	2.00	6	6	0	0	3.00	810	Test Routing	wcns250921	0	0
		ITPS250921_1	45	45	45.0(	0	0.00	2	2.00	2	2.00	2	2.00	6	6	0	0	3.00	810	Test Routing	wcns250921	0	0
		ITPS250921_2	45	45	45.0(	0	0.00	2	2.00	2	2.00	2	2.00	6	6	15	6	3.00	0	Test Routing	wcns250921	0	9
		ITPS250921_3	45	45	45.0(	0	0.00	2	2.00	2	2.00	2	2.00	б	6	0	0	3.00	810	Test Routing	wcns250921	0	0
		ITP5280921	45	45	45.0(	3	3.00	3	3.00	3	3.00	3	3.00	12	12	0	0	4.00	2,160	Test PS	wcns250921	0	0
		ITP5280921_1	45	45	45.0(	3	3.00	3	3.00	3	3.00	3	3.00	12	12	0	0	4.00	2,160	Test PS	wcns250921	0	0
		ITDENA 1-054004	15	17		0				-		Ultri	va © 20	020		24		0.00	^	Test muti	250024	^	. *

## 1.9 Shift Day added in Operator Efficiency report.

Shift Day column added into the Operator Efficiency report.

C 🟠 🔒 engir	eering.ultrivalms.com/(	QALS97/OEERepor	t/OperatorEfficienc	у			
ps 🚯 Web Slice Gallery	Imported From IE	System Dashboar	d 📆 QA LS TEST	Site 🕤 Ultriva	Integration 🌧 L	ist of Options Trad	S https://
upland Ultr	iva		Ultriv	a Lean Su	ite QA 9.7		٩
▲ > Reports > Oper Operator Efficiency	ator Efficiency Report	y				Business U	Init: Databi
			Supplier	: Databizwarehou	ise, DateRange: 01/0	1/2021-06/14/2021	
Sorted by: Shift Day							
Operator Name	First Name 1	Last Name ↑	Shift Day 1	Total Units Completed	Units Scrapped	Total Items Completed	Targ
Databizwarehouseuser	Databizwarehouse	user	02/10/2021	90	0	1	
buyeruser	Buyer	Test	03/31/2021	45	0	1	
Databizwarehouseuser	Databizwarehouse	user	03/31/2021	330	37	3	
buyeruser	Buyer	Test	05/18/2021	135	0	2	
Databizwarehouseuser	Databizwarehouse	user	05/18/2021	90	0	1	
Databizwarehouseuser	Databizwarehouse	user	05/24/2021	363	0	1	
Databizwarehouseuser	Databizwarehouse	user	06/04/2021	134	79	1	
Databizwarehouseuser	Databizwarehouse	user	06/09/2021	116	0	2	

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Date: November 19, 2021

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#### 1.10 Added Receiving notifications for failed following jobs added.

Failures alerts can be configured now for any Batch Job (Service Task) available into the system, after Send Alerts to Item Coordinator or Email Status to User(s) radio button are checked and saved, email will be sent to the configured user.

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6	) \	Neb S	Slice	Galler	у	Imp	orted	From IE	🔷 Sy	stem Da	ashboard.	<u>UL</u>	QA LS	TEST Site	🕲 Uli	triva Integ	gration	ist	of Optio	ns Trad
u	р	lan	nd	Ult	riv	a							Ult	riva L	ean S	Suite	QA	9.7		
<b>ň</b> In	Admin S IN Service Task S Integration Wizard Integration Wizard : File Settings Information ErpForecastOrders for TCEK-Ram																			
		Proc	cess	Туре	Ø		) FI In	P formation	• @		File Set	ttings	Ŧ	Fil	e Layout	0		Field Order Layout	0	Sar
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0	E	Email	Stat	us to	User(s	;)		buyeru	ser 🗙											
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#### 1.11 Changes to Order Tracking Panel on Supplier Home Page.

Order Tracking panel got updated to included new element (All orders to be shipped).

Ultriv	a Lean Suite QA 9.7				C	ર	<b>೧</b> ()	) (		supnew K user			
		Business Unit: Supnew Application: Application (Supplier)											
Alerts					Order Tra	cking	3						
Date ↓	Subject 1				7927		317		327	327			
6/14/2021	Card KCD2SNJQAL5W is Accepted for I	Z	Û										
6/14/2021	Card KCD2SNKQALST is Accepted for I	Z	Û	Or	ders Not ye	et b	Expected	Or	ders to be	All orders			
06/12/2021	Card KCD2SNHQAL9R is Accepted for I	$\mathbb{Z}$	Û	~	KHOWIEuge	u b	today	in	next 7 day	s			
6/12/2021	Card KCD2SMXQALFS is Accepted for I	Z	Û		due)								
6/12/2021	Card KCD2SMYQALQX is Accepted for I	Z	Û										
06/12/2021	Card KCD2SMZOALBM is Accepted for I	2	ŵ		WRP Fore	Casis	Planned C	nuers					

#### 1.12 Add Fields to the Item Data Load Custom Report

Following fields wereadded in Item Data Load custom report:

- PO Type
- From Location Controlled (EBJ\_RTPARAMS.I2Sfrmloc.ctrl)
- From Location (EBJ\_RTPARAMS.I2SFrom.loc)
- To Location (Item LocationCode)
- To Location Controlled (EBJ\_RTPARAMS.toloc.ctrl)
- Supplier Allocation (Supplier Percent set on Item 2 Supplier)

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ported From IE	💠 System Dasł	nboard <u> </u>	LS TEST Site 🛛 🕥	Ultriva lı	ntegratio	n 🦽 List of Opti	ons Trad	. 🔇 https://demo.ultriva	»	Other bookmark	s 📃 Re	ading list			
		<b>Q</b> (2)	0	Buyer K1	ïest ▼										
> Custom Rep	ort					Business Unit:	TCEK-R	tam 🔻	Application: Application (Plant)						
										🔒 Print	🕑 Expor	t			
										Change Filter	🕼 Edit F	Report			
					_				Viewing 1 to 200	of 256 🖣 Page	1 🔻 of	2			
modity Code 🏌	SupplierGID	ParentGID 1	BusGID 1	Supplie	rType 🏌	EBJ_RTPARAMS.PO	TYPE E	BJ_RTPARAMS.I2Sfrmloc.ctrl	EBJ_RTPARAMS.	I2SFrom.loc ↑ St	upplier Allo	cation			
	BSU22ZBQALB2	\$	BSU22ZAQALQG		0	DISCRETE						100			
	BSU22ZBQALB2	\$	BSU22ZAQALQG		0	DISCRETE						100			
	BSU22ZEQALET	BSU22ZAQALQG	BSU22ZDQALRW		1	DISCRETE	0	)				100			
	BSU22ZBQALB2	s	BSU22ZAQALQG		0	DISCRETE						100			
	BSU22ZBQALB2	\$	BSU22ZAQALQG		0	DISCRETE						100			

#### 1.13 Create new Custom Report for 'Integration Pending records'

Created a new Custom report under Integration section, report named Integration Report, this report will allow to add filter by status. User will be able to schedule report for Waiting and other statuses.Filter allows multi selection

C 🟠 engineering.ultrivalms.com/QALS10/Create	eCustomReport/Update?reportGID=Integration%20Report
🔇 Web Slice Gallery 📙 Imported From IE 💠 System Dash	iboard 🔃 QA LS TEST Site 🛛 🦽 List of Options Trad 🔟 h
upland Ultriva	Ultriva Lean Suite QA 10
Custom Report > A> II> Reports > Create Custo	m Reports Business Unit:
Create custom report	
3. Add Fields for Report Filter Please select field, select an operator, enter value and c	lick Add to add the filter condition. You may add any numbe
Status 👻 Equal To	All Ta + Add
	Waiting
Pielu Name	Sent
	Processed
	Failed
4. Select Fields for the Report output	Retry
Aveilable Cielde	Not Required
	Committed in eBizEAI
BPEL VERSION	Validated in MRP
BPFL ACTION	Requisition Created in MRP
	Requisition Approved in MRP

#### 1.14 Print Label when Card is split on LFM settings

Created a new Production Sequence Configuration under Screen Info Tab (Automatically print on split), when this setting is ON, system will auto print new child card created after split process is done. These changes apply to Manage production Orders (If Allow splitting of manufacturing orders (bus unit setting) is enabled for supervisor) and production sequence.

upland Ultriva	Oluriva Leari Sui	te QA 10	<b>Q</b> ()	(?) WCS19	0102
Admin > Production Sequence Configuration	ttings for WCS101021	Business Unit: WCS19102	1 Application:	Application (Plant)	
Refresh intervar (in minutes):		Refresh interval (in minutes):	-	10	]
Rolling N days to show from today's date:	6	Allow multiple selection for orders:	ON		
Show Orders from:	Today to end of week 🔹	Number of days to show from today's date:		6	]
Number of orders to show per day:	50	Number of orders to show per page:		20	]
Runline Kanban Dashboard Theme:	Default 👻	Automatically print on close:	For All	•	
Planning Operation Name:	OP3 •	Show Job Completion Message(s):	Errors Only	•	
		Show print on screen:	OFF		
		Show only new orders in active orders list:	ON		
		Automatically print on split:	ON		
				🖺 Sa	ave

#### 1.15 Allowing user to configure xls/xlsx extension for excel reports

Added a new Sys Configuration Param EXCEL\_FILE\_EXTENSION, possible values (xls, xlsx). By default, it will be set to xls (This is our default extension for all excel files).

There is a restriction for files between our settings EXCEL\_FILE\_EXTENSION and EXCEL\_WRITER. When EXCEL\_WRITER is set to XML we must export just in xls format. When EXCEL\_WRITER is set to OPENXML we can export in xls or xlsx.

So, added some code changes to reflect this restriction, if set EXCEL\_FILE\_EXTENSION to xlsx, automatically i am changing EXCEL\_WRITER to OPENXML.

If change EXCEL\_WRITER to XML and EXCEL\_FILE\_EXTENSION is set to xlsx, automatically changing EXCEL\_FILE\_EXTENSION to xls.

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upland Ultriv	va	Ultriva Lean Suite QA 10 Q 🖤 🕧 Applicat	ion \$ Administrator 🔻
Service Task > I		System Config Parameters System Configuration Parameters Business Unit: SysAdm Application: Application	a (Sys Admin) 🔫
System Config	uration	Parameters List	Z Export
System Parame	ter EXCEL_F	ILE_EXTENSION successfully modified	×
Description	▼ Contai	ns EXCEL_FILE_EXTENSION	
Find Name	19 A		
+ Add 🕼 Edit	View	▼ More Options	
Sorted by: Name			1 to 2 of 2
Name 1	Value 1	Description 1	Updated 1
EXCEL_FILE_EXTENSION	xlsx	Defines excel file extension, by default it will be xls, possible values are xls or xlsx. If user wants to use xlsx, EXCEL_WRITER System setting must be set to OPENXML	05/31/2021 12:54:19 PM
EXCEL_WRITER	OPENXML	Use XML for XML writer(large ASCII file) or OPENXML for open xml writer(samll binary file). If XML is selected, make use EXCEL_FILE_EXTENSION setting is set to xls.	07/16/2020 02:50:59 PM

## 1.16 Turn off pick/ship quantity confirmation step in SM Pick scan.

New Bus Unit Configuration under Plant/Workcenter/Supplier to hide/show that Confirm Quantity checkbox. If setting is set to Yes, it will hide checkbox and it will not validate difference between Card Qty and Allocated Qty. Setting is in Scan tab, "Bypass quantity validation for SM Pick scan action"

upland Ultriva U	ltriva Dev Lean Suite
# > Admin Workcenter Configuration for: DrillCell	
General Card Custom Integration LFM PickList Print Receive Release Scan Ship WorkOrder	
Configuration Settings	
Name	Value
Single Scan: 🛞	OFF
aceive on Release Scan: (1)	OFF
Auto Ship on Receive Scan: (1)	OFF
Receive Cards using RFID:	OFF
Release Cards using RFID:	OFF
Issue Inventory using RFID:	OFF
Ship Cards using RFID:	OFF
Bypass quantity validation for SM Pick scan action: (1)	Inherit From Plant 👻

👿 Ultriva	a Lean Suite QA 10
Auto P	ick and Ship Scan
- Step(	2)
Pick List Id:	PKL-22ZASK-22222F-QAL43
Ship Card Id:	KCD259RQALYM-001-3
Qty To Pick:	45
Picked Qty:	
Allocated	23
	Confirm Quantity
<<	Submit Back
	Ultriva © 2020

## 1.17 Add Serialized Items to the master label.

Add Item Details along with Serial Numbers on the Master label.



#### 1.18 Configurable coverage for seasonal increase/decrease in demand (Kanban only)

New functionality added to schedule the creation and/or release of new temporary Kanban cards with expiry dates. We allow to create one or more temp cards in a screen and define the date each card should be released to the supplier and the date it should stop cycling and be destroyed from the loop on the next release.



#### **Buyer User (Create Seasonal Cards):**

Will navigate to the Schedule Seasonal Kanban Cards (New Actions menu item)

#### Lands on Schedule Seasonal Kanban Cards screen

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≡	upland Ultriva			Ultriva	Lean Suit	e QA 10					Q	2	2	?		Buyer K Tes	t 🔻
Ŵ	Seasonal Card Entry					Bus	iness Unit:	TCEK-Ram		•	Appl	icatior	n: A	pplicatio	n (Plant)	)	•
	Supplier:	cimplsupplier (cimplsu	ipplier) 🗙														Í
53			Plea	ase leave blank	for order details	for integration	to create ord	ers in ERP.									
head	0 + Add More Lines											🗸 Val	idate	Entries	⊠ 9	Submit Entrie	es
pent,	Item No.	Description	Qty On Card	Number of Cards	Order Qty PO #	PO Line #	Release #	Release Line #	Release	Date	Expirat	ion Da	ite	Notes	•	Unit Price UO	M
ilil	ITDemo1 x	Demo	100	1	100	0			06/14/2	021	06/30/	2021			Ð	3 EA	
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									6	7 8	9 10	11	12		c D		
									13 1 20 2	14 15 21 22	16 17 23 24	18	19 26		D		
									27 2	28 29	30				0*		
	Add Moro Liper															Submit Entri	
					Ultriva ©	2020											

Completes the desired number of lines/cards and clicks Validate Entries Corrects any invalid entries

#### **Clicks Submit Entries**

Is presented with results screen

#### **Results:**

New cards are created upon submission of form with OnHand status and zero Qty on Card

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≡	upla	nd Ultr	iva		U	triva Lean	Suite QA	10		<b>Q</b> ♡	?	🕖 Buyer K Test 🔻	
ŵ	ni > A	ctions > Seaso	onal Card Entry d Entry Results					Business Unit:	TCEK-Ram	▼ Application:	Application	(Plant) 🔻	
₩											+ Back To	o Seasonal Card Entry	
52		Item	Card ID	Supplier	PO #	PO Line #	Release #	Release Line #	Release Date	Expiration Date	Card Qty	Status Message	
	•	ITDemo1	KCN2RGRQALQS	cimplsupplier		0			06/15/2021	07/01/2021	100	Card Created	
ĩí				🗲 Back To	o Seasonal Card Entry								
¢)													
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						l	litriva © 2020						

#### Rule created with FireAt value set to RequiredReleaseDate for cards

We have added new rule to fire alert xx number of days prior to the planned RequiredReleaseDate notifying Buyer of planned action

We use same Expiry Date functionality currently used with temp cards

≡	upland Ultriva	Ultriva Lean Suite QA 10	<b>९</b> (?) (?)	System \$ Administrator 🔻
6	Admin > Rule		Business Unit: SysAdm Application:	Application (Sys Admin) -
uu	Rule Wizard: Select Rule Template			8
Ę,				
				Cancel Next >
<u>iil</u>	Select Rule Message Template Information O	Repeat Information O		
	Nouly the Osers			
	Card/Order Released to Supplier		*	
	When RequiredReleaseDate is within X days			
	When Some Action takes place			
	When Notes with specific priority added by buyer			
	When Notes with specific priority added by supplier			
	When AppStatus changes			
	When Goods are due			
	When Goods are short shipped		↓ III Select	
	*Rule Description			
	Notify users RequiredReleaseDate is within $5$ days. Apply t	nis rule to Items: <u>all Items</u> and Suppliers: <u>all Suppliers</u>		-
	*Required field			

#### Edit Seasonal cards:

#### New Action menu item: Edit Seasonal Cards

🗹 🔟 Ultriva Lean Suite QA 10 × + D  $\times$ → C 🗅 https://engineering.ultrivalms.com/QALS10/Action/Home ∑ີ ⊈ 🛱 Sign in 🗶 …  $\leftarrow$ Ultriva Lean Suite QA 10 upland Ultriva **Q** (?) Buyer K Test 🔻 Business Unit: TCEK-Ram Application: Application (Plant) Actions Ŧ  $\bigcirc$ Actions Receive Cards as they arrive. You will see a list of Cards that are in transit and you can select the ones to receive Move Card to different location. You will see a list of all on hand Cards and you select the ones to be moved to different location Ten  $\mathbb{N}$ View the list of POs and print PO. Accounts Payable Approve Adjust Inventory Containerize Shipments Update Serial No Í. Transfer Inventory. You will see a list of all on hand Cards where it can be Transferred to different location all together Approve Cards located at the receiving dock. You will see a list of Cards that are in the receiving dock and you can select the ones to approve 井르 Containerize Cards Update Serial No á Schedule Seasonal Kanban Cards Put Away Issue Inventory Return Material Deliver Cards to their respective location. You will see a list of Cards that are waiting for delivery and you can select the ones to deliver Issue Inventory. You will see a list of all on hand Cards where it can be Issued in small lots to a location Return material to stores Configurable coverage for seasonal increase/decrease in demand Ŕ \$ Virtual Kanban Approve CallOff Edit Seasonal Cards Buyer Queue V  $\checkmark$ -Approve Virtual Kanban Cards. You will see a list of all Cards waiting for Virtual Kanban Approval and you can select the ones to approve and place the order If you have blocked shipment of Cards from supplier. Use this screen to unblock the Cards. Shows distribution of Card States for each Item Edit Release Date and Expiry Date of Seasonal Cards Set Expiry Date EA niny date for the Ca Lands on Edit Seasonal Cards Item List Screen.

≡	up	land Ultriva	Ultriva Lean Suite Q/	A 10		۹	^ ♡	?	🕖 Buyer K Test 🔻
	ń >	Actions > Edit Seasonal Cards		Business Unit:	TCEK-Ram	•	Application:	Application	(Plant) 🔻
00	Ed	lit Seasonal Cards Items List	t <b>T</b>		т	Filters 👻 🤇	🕑 Views 👻	🔒 Print 🖸	Export ? <
~	Sup	plier C	ards Show RYG All V Items List V Itelow, Green	<b>-</b>					
5	Filte	er By	▼ Enter Value Tx Go >						
<u>ha an</u>	Find Ite	em 🙌 🛝							E Show Cards
iii	Sorted	d by: Item							1 to 6 of 6
ţ)	RYG 1	Item 1	Description 1					Total Qty	Total Cards ↑
~~~		ITallocation100820	test allcoation					(	) 1
<u> <u></u></u>		ITDrop1	DropLoc1					(	) 16
		ITDropLoc060820	Test drop location with multiple suppliers	Test drop location with multiple suppliers					
		ITDrp070820	DropLoc1		0	) 2			
		ITem10	TestOnTimeShipmentReport	TestOnTimeShipmentReport					
		ITPlantConfig	Test plant config settings	Test plant config settings					) 9

Clicking on Item Name link will land on Edit Seasonal Cards screen.

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â	rii > Act Edit S	ions > Edit S Seasona	ieasonal Cards		Business Unit: TCEK	-Ram	*	Applicatio	Application (Pla	nt) 🔻
~					Update Cards	Delete Cards	D Att	tach Notes	+ Back To Items	≓ Change Filter
	Expiry Date		데 Release Date	ı T						
	Sorted by:	Item, Card IE								1 to 1 of 1
		0	Card ID	Item	Card Qty	Release Date			Expiry Date	
111	•		KCN2QXQQALYD	ITallocation100820	C	0 06/07/2021			06/14/2021	
Ş					D Update Cards	Delete Cards	D Att	tach Notes	+ Back To Items	≓ Change Filter
-ç;-										

Modify card data and click Update Cards action button, Results page will appear.

≡	uplan	d Ultriva	Ulti	riva Lean Suite C	QA 10		<b>Q</b> (7)	?	🕖 Buyer K Test 🔻
â	Actio	ons 🔈 Edit Seasonal Cards			Business Unit: T	CEK-Ram	<ul> <li>Application:</li> </ul>	Application	(Plant) 🔻
	Edit S	easonal Cards Results	5						8
₩							•	Back To Item	is 🗲 Back To Cards
<b>5</b>	Following (	ards were successful							
and a		Card ID	Item	Release Date	Expiry Date	Description			
in al		KCN2QXQQALYD	ITallocation100820	06/08/2021	06/14/2021	Relase & Expiry Dates Succe	essfully Updated.		
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## Background Service Job (**\$SeasonalCardsJob**) has been added to Release cards which ready to release every day at night.

#### 1.19 Phased/Scheduled Delivery for Large MRP Orders

Add new functionality for setting up supplier shipping schedules provides the suppliers with consistent shipping information and advanced demand profiles to support the customer's goals of scheduled production and delivery. Using shipping schedules enables the supplier to convert MRP plans into realistic shipping schedules against large POs.

Will navigate to the Create Shipping Schedule (New Actions menu item)



#### Lands onCreate Shipping Schedule screen

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â	ni > My Shipp	Accou	unt≯ Scl	Actions > Shipping	g Schedule S List						Business Unit:	Supnew	Applicat	tion: Applicatio	n (Supplier	• •
~	Find Card ID			M 14							reate Schedule	🛛 Attach I	Notes	← Back To Iten	ıs ≓ (	Change Filter
52	Sorted by:	Supp	lier Ite	em No., Reqd Ship, C	ard ID										1	to 17 of 17
<u>100.001</u>				Card ID ↑	Supplier Item No. 1	Plant Item No ↑	Release Date 🇍	Reqd Ship 1	Reqd Receive 1	Card Qty	Purchase UOM 1	Ship UON	1	No. of Shipments	PO # 1	PO Line # ↑
Ш	1 🖉	×	8	KCS2QJWQAL9P	ITFS031220	ITFS031220	12/04/2020	12/11/2020	12/14/2020	50	EA	EA	Sc	1 hedule Shipments		0
ţ)	1	2	~	KCS2QJYQALY8	ITFS031220	ITFS031220	12/04/2020	12/11/2020	12/14/2020	50	EA	EA	Sc	2 hedule Shipments		0
ŝ	🖗 <mark>1</mark>	2		KCS2QJVQALWJ	ITFS031220	ITFS031220	12/04/2020	06/29/2021	07/02/2021	50	EA	EA	Sc	1 hedule Shipments		0
		×		KCD2RGPQALLM	ITFS031220	ITFS031220	12/04/2020	10/27/2021	11/01/2021	25	EA	EA	Sc	1 hedule Shipments		0
				KCD2RGRQALQS	ITFS031220	ITF5031220	12/04/2020	10/27/2021	11/01/2021	11	EA	EA	Sc	1 hedule Shipments		0
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Date: November 19, 2021

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Clicking Schedule Shipment link will produce a pop up to fill Ship Qty and Required Ship Date

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â	n > M Ship	y Acco ping	unt≯ g Scl		g Schedule S List						Business Unit:	Supnew Ap	plication ews 👻	Application (	Supplier) Export	•
$\mathbf{A}$	Find Card I	D		#4 #4		Schedule Shipme	ents KCS2QJYQAL	Y8	X	D	Create Schedule	Attach N	otes	← Back To Item	ıs ≓	Change Filter
	Sorted by	r: Supp	olier Ite	em No., Reqd Ship, C	ard ID	Shipment #	Ship Qty	Required Sh	nip Date						1 to	17 of 17
mal				Card ID 1	Supplier Item No. ↑	1	20	11/25/2021		Card	Purchase UOM 1	Ship UOM	N	lo. of Shipments	PO # 1	PO Line # 1
ar art						2 Ship Oty Total:	30	11/26/2021	br 50	4.9				1		
ĩí	<b></b>		6	KCS2QJWQAL9P	TIF5031220	Ship Qty Total.	50	Gi Dana	Q. 50	50	EA	EA	Sch	nedule Shipments		0
£1	1			KCS2QJYQALY8	ITF5031220			l⊠ Done	Ø Cancer	50	EA	EA	Sch	2 nedule Shipments		0
5	© 1	ø		KCS2QJVQALWJ	ITFS031220	ITFS031220	12/04/2020	06/29/2021	07/02/2021	50	EA	EA	Sch	1 nedule Shipments		0
		ø		KCD2RGPQALLM	ITFS031220	ITFS031220	12/04/2020	10/27/2021	11/01/2021	25	EA	EA	Sch	1 nedule Shipments		0
		2		KCD2RGRQALQS	ITFS031220	ITFS031220	12/04/2020	10/27/2021	11/01/2021	11	EA	EA	Sch	1 nedule Shipments		0
		2		KCD2RGWQALRC	ITF5031220	ITFS031220	12/04/2020 Ult	10/27/2021 riva © 2020	11/01/2021	25	EA	EA		1		0

User will check the box for the card and click Create Schedule button, results screen to follow New child cards will be created to represent the scheduled shipments with new required ship dates

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	uplar	nd Ultriva	U	l <b>triva L</b> e	ean Suite QA 1	10	Q	$\heartsuit$	0	supnew K user 🔻
â	б > Му	Account > Actions > Shipping Sch	hedule			Business Unit: Supnew	Appli	ication:	Application (	Supplier) 🔻
	Shipp	oing Schedule Cards R	Results							8
^				¢	Back To Items	+ Back To Cards				
	Following	Cards were successful								
		Card ID	Supplier Item No.	Card Qty	Reqd Ship	Description				
		KCD2RHRQALAB	CD2RHRQALAB ITF5031220 20 11/25/2021 Please call the Buyer <b>Buyer Test</b> and request that he/she approve the requested							
Ĩ		KCD2RHSQALME	ITF5031220	30	11/26/2021	Please call the Buyer <i>Buyer Test</i> and request that he/she approve the requested chan	ges			
ţ,										
<u>ې</u>										

Navigate to Approve Shipping Schedule(New Actions menu item)



Will review proposed schedules and will reject or approve

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Ŵ	ni > ∧a Appr	ions > / ove S	Approve Supplier Shipping	Schedule Schedule Card	s List	Busines	s Unit: TCEK-Ram	•	Application:	Application (Plan	it) 👻
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52	Sorted by:	ltem, Re	qd Ship, Card ID								1 to 1 of 1
			Card ID	Item	Description	Supplier Name	Release Date	Reqd Ship	Reqd Re	eceive	Card Qty
<b>3</b> 5			KCS2QJYQALY8	ITF5031220	10 regression	Supnew	12/04/2020	12/11/2020	12/14/20	020	50 🔺
¢			Card ID KCD2RHRQALAB KCD2RHSQALME	Item ITF5031220 ITF5031220	Description 10 regression 10 regression	Supplier Name Supnew Supnew	Reqd Ship 11/25/2021 11/26/2021	Ne 11/ 11/	w Req Receive I /29/2021 /29/2021	Date	Card Qty 20 30
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#### 1.20 Add Supplier Code to MRP Planned Orders Batch Job Status Report.

Added Supplier Code to MRP Planned Orders Batch Job Status Report.

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В	Batch Job Planned Orders Detail Report														8	
T Change Filter <ul> <li>Back to</li> <li>Filter By</li> <li>Select Operator</li> <li>Enter Value</li> <li>Tx</li> <li>Go &gt;</li> </ul>													k to Summ			
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	2	WCB191021	ITFSPS211021	WCS191021	1421	146	1411566	21/Oct/21	21/Oct/21	21/Oct/21	ReleaseForecas Orders. No Of L	tOrder: JORD-22Z/ .ots Released: 1 . F	A28-222239-QA Remaining Orde	LN5 Release rQty: 0	ed 21/Oct	21 04:52:3

#### 1.21 Auditing Report changes.

Added EboJobERPPlannedOrders and EboJobOEEDataLoad tables to the audit tables.

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n > Ad Audi	ting Report	rt			E	Business Unit: SysAdm	Application:	Application (Sys Admin)
*1	Table: Date Range:	EboJobErpOEEData EboBusUnit EboCode EboUser EboUser	~	c1 standard				
		EboBo2Group EboRule EboGroup EboKanbanitems EboKanbanitems2Suppliers EboJobERPPlannedOrders EboJobERPPlannedOrders EboJobErpOEEData		2 Show Report	π			

## 1.22 Add ReleaseId to the Receive Cards List page

AddedReleaseId to the Receive Cards List page.

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6.5	ctions	> Receive				Business	Unit: T	CEK-Ram	▼ Appli	cation: App	lication (Plant)	•
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		Card ID 1	Item 1	Accessory Order No	Reqd Receive 1	Ship Date	Card ( Qty	Ship Qty	Release Id 1	Receive Qty	Storage Location 1	PO # 1
<b>1</b>		KCD2TUAQALCQ	ITFSRegression10		27/Oct/21	26/Oct/21	45	4	KCD2TUAQALCQ-001-3	45	LocReg	191021
Ø 1		KCD2TUBQALPS	ITFSRegression10		27/Oct/21	26/Oct/21	45	4	KCD2TUBQALPS-001-7	45	LocReg	191021
1		KCD2TUCQALGX	ITFSRegression10		27/Oct/21	26/Oct/21	45	4	KCD2TUCQALGX-001-5	45	LocReg	191021
Ø 1		KCD2TUDQALD6	ITFSRegression10		27/Oct/21	26/Oct/21	45	4	KCD2TUDQALD6-001-1	45	LocReg	191021
Ø 1		KCD2TUEQALJ3	ITFSRegression10		27/Oct/21	26/Oct/21	45	4	KCD2TUEQALJ3-001-8	45	LocReg	191021
dh 1			ITESPograceion10		27/044/24	26/0 <i>c</i> t/21	45	45		45	LocPog	101021

## 1.23 Add Scrap Reason to OEE Production History Report

Added scrap reason column OEE Production history custom report.

C 🏠 🔒 engineering.ultrivalms.com/QALS10/CustomReport/ViewCustomReport?GID=PVS-22ZA6E-22226-QALR2												Q 🕁 💈	<b>5 🛪 🚳</b> E	
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. End e	Start Time	End Time 🏌	Order Qty	Completed Qty	Scrap Qty 1	Completed By 1	Setup Time (minutes)	Teardown Time T (minutes)	Defined Cycle Time	Machine Code	Machine Description	Operation Status	Scrap Reason 🏌	Route Code 1
)7/2021 ;4:46	10/01/2021 11:59:03 AM	10/01/2021 11:59:57 AM	45	25	25	wcns250921user	0	0	10,714.2857	Machine1	Machine1	Closed		Default
14/2021 12:55	10/14/2021 12:20:25 PM	10/14/2021 12:20:51 PM	45	45	0	wcns250921user	7,200	7,200	30	MachRoute1	MachRoute1	Closed		Default
14/2021 24:50	10/14/2021 12:21:05 PM	10/14/2021 12:21:13 PM	45	45	0	wcns250921user	14,400	10,800	5	M1	M1	Closed		Default
14/2021	10/14/2021 12:26:56	10/14/2021 12:27:16	45	45	٥	works250921user	7 200	7 200	30	MachRoute1	MachRoute1	Closed		Default

#### 1.24 Add Card Action to Defer/Expedite card Action Page

After Added Defer/Expedite recommendations, then go to the MRP Recommendations card page, will see a new column named Card Action, this should be a not sortable column and not filterable.

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Set PO >	tion Business Unit:				TCEK-Ram		•	Application	: Appl	ication (Pla	nt)	•				
MRP reco	MRP recommendation (Defer) Cards list												🔒 Prir	nt 📝 Ex	port 🕜	*
Filter By Select Operator Enter Value Go																
	D Reschedule Cards → Compute Ship Date 🛛 Attach Notes 🗲 Back											Back				
New Due Date: 1	New Due Date: 11/09/2021 🗊 New Transit Time: 🗊 New Carrier: 🗸 🗊															
Reschedule Reaso	Reschedule Reason:															
Sorted by: Item, C	urrent Reqd Due Date														1 te	o 1 of 1
Card	D Item	Description	Supplier Cod	e Card State	PD #	Release #	Card Qty	Reqd Ship	New Reqd Ship Date	Current Reqd Due Date	Suggested Due Date	Transit Time	Carrier	Release Date	Reschedul	e Reason
С КС525	GGQALBB ITFS010321	Test Forecast Netted	Supnew	Released	121	121	100	23/Jul/21		27/Jul/21	07/22/2021	2.00	~	21/Jul/21		~
	B Reschedule Cards     ▸ Compute Ship Date     □ Attach Notes     ← Back															

#### 1.25 Changes for Material Certification

Removed Certification Controlled option from Item Page and Review Material Certificate action from action list.

#### 1.26 Add ReleaseID to the Card Search Result screen

Add ReleaseID to the Card Search Result screen													
C 🛆 engineering.ultrivalms.com/QALS10/Search/DoSearch													
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upland Ultriva Ultriva Lean Suite QA 10													
Admin > Item > Search     Business Unit:     TCEK-Ra													
Search results for KCD2TREQALJK													
> Item (1 results found)													
<ul> <li>Card (1 results found)</li> </ul>													
Card ID	Item	Plant	Card State	Cycle No	Card Qty	Release Id	last Actio Time	on	Locat Code				
KCD2TREQALJK	ITRegression10	TCEK- Ram	WaitForPutAway	1	45	KCD2TREQALJK- 001-8	2 5/Oct/21 10:52:25	1 AM	LocRe				
> Supplier (0 r	esults found)												

#### Confidential internal document

Date: November 19, 2021

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#### 1.27 Add "Plant Item No" Filter to the Accept Cards Page

Added "Plant Item No" Filter to the Accept Cards Page for TFUSA.

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	<b>M &gt;</b>	Actions > Accept			Business l								
Accept Cards List 👅													
Find Card ID 🙌 🖄													
	Work Order Number: INew Reqd Ship Date:												
Sorted by: Supplier Item No., Release Date, Card ID													
		Card ID ↑	Supplier Item No. ↑	Plant Item No	Release Date	Reqd Ship	Reqd Receive	Expected					
		KCD2NKEQALJZ	IT0181120	IT0181120	01/Apr/21	06/Apr/21	09/Apr/21						
		KCD2NKFQALHK	IT0181120	IT0181120	01/Apr/21	06/Apr/21	09/Apr/21						
		KCD2NKGQALNN	IT0181120	IT0181120	01/Apr/21	06/Apr/21	09/Apr/21						
		KCD2NKHQALQ4	IT0181120	IT0181120	01/Apr/21	06/Apr/21	09/Apr/21						
		KCD2NKJQALLB	IT0181120	IT0181120	01/Apr/21	06/Apr/21	09/Apr/21						
		KCD2NKKQALBE	IT0181120	IT0181120	01/Apr/21	06/Apr/21	09/Apr/21						

#### 1.28 ReleaseNum and ReleaseLineNum empty when releasing cards

Previously in case the user sends empty on ReleaseNum and ReleaseLineNum, then we were getting values from item 2 supplier relation.

Now, when you release cards from Spike Orders and ERP Planned Orders job, if you send empty ReleaseNum and ReleaseLineNum, cards will be released with empty values.