upland Ultriva

Ultriva 8.3 version

Release Notes

By Upland Software

Version 1.0

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1 Enhancements

1.1 Production Sequence Changes

Production sequence changes are listed here.

1.1.1 Added scraped quantity to the following screens

Active orders list:

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		ø	KCDGXJ8TRAK2	ITWC241818	OperationMuilti2	MachineDie1	08/27/2018 05:22:18 PM	120	45	45	<u> </u>			
		ø	KCDGXSGTRAST	ITWC241818	OperationMuilti1	Machine1	09/11/2018 05:43:45 PM	120	45	233				
			KCDGXSJTRAY6	IT060918	OperationMuilti1 (Completed)		09/06/2018 11:52:39 AM	120	0	0				
		Ø	KCDGXSLTRA2S	IT060918	OperationMuilti1	Machine1	09/11/2018 05:43:46 PM	120	0	0				
		ø	KCDGXSMTRAVX	IT060918	OperationMuilti1	Machine1	09/11/2018 05:43:47 PM	120	0	0				
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Orders in productions list:

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Date: 12-March 24, 2020

Completed			orders				
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Actions > Close Schedules > Completed Orders			Business	Unit: DatabizWareHo	ouse Application	Application (Plant	:) 🔻
Completed Orders					🔒 P	rint 📝 Export	0
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Item Equal To	▼ IT270818	T ≰ Go ►			Capacity Utiliza	ation Report 🚺 St	arted 📘 Sto	opped not	
Active Orders Completed Orders	5 View Orders By Item Orders	in Production	Reset Job 🕜 Paste Bef	ore ③ Paste A	fter 🏳 Hot Order	r 🗌 Bookmar	k ☆ Go) To Booki	
RYG Card ID	Cycle No Item Descrip	Operation Name	Machine Plant	Card Oty	Viewing 1 to 1 of	f 5 4 Page Week	of (09/09 - 09/	(15) ▼ C	
2018-09-11 (Tuesday)	Capacity Utilization	310%	24 Hour(s) and 43	Minute(s)	completed Qty	Scrupped Qty	lot Hag	Tuseb	
KCDGXJBTRAQS	1 IT270818 Test PS	changes Operation1	Machine1 WCLine1	100	0	(۸	
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KCDGXJPTRAGE	1 IT270818 Test PS	Changes Operation Name Machine1	Completed Qty Status 0	100	0	(4	
2018-09-12 (Wednesday)	Capacity Utilization	Operation2 0 OHour(s) and 0 Minute(s)							
2018-09-13 (Thursday)	Capacity Utilization	0 Hour(s) and 0 Minute(s)							

Re sequence production orders- orders in production list:

A > Completed Orders > C>	Actions > Reseque	nce Production O	ders			Busine	s Unit: DatabızWar	eHouse Appli	ation: Appli	ication (Plan	.t) 🔻
Resequence Produ	uction Order	SY							🔒 Print 📿	Export	0
All Operations	m	▼ Equal To	▼ IT27081	3	Go 🕨						
Find Card ID 🙌 K	😫	By Item Orders	In Production				Capacity	Utilization Report	Started	Stopped no	t finished der(s)
							Viewing 1 t	o1of5∮Page	Week of (09/09 -	09/15) 🔻 (of 5 🕨
RYG Card ID	Cycle No Item	Descriptio	on Operation	Name Machine	Plant	Card Qty	Completed Qty	Scrapped Qty	Hot Flag	Past Due	
2018-09-11 (Tuesday)	Capacit	y Utilization	310%	24	Hour(s) and 4	13 Minute(s)					
KCDGXJBTRAQS	1 IT270	818 Test PS ch	anges Operation1	Machine1	WCLine1	100	0		0	۸	•
KCDGXJMTRANG	1 IT270	818 Test PS ch	anges Operation2	Machine2	WCLine1	100	0		0	۸	•
KCDGXJPTRAGE	1 IT270	818 Test PS ch	anges Operation1		WCLine1	100	0		0	۸	•
2018-09-12 (Wednesday)	Capacit	y Utilization		01	Hour(s) and O	Minute(s)					
2018-09-13 (Thursday)	Capacit	y Utilization		0 H	lour(s) and O	Minute(s)					
2018-09-14 (Friday)	Capacit	y Utilization		0 H	lour(s) and O	Minute(s)					

OEE Report -Closed Production:

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upland Ult	riva			8.3 QA	Test Site		Q (7)	0	Databizware house 🔻
Closed Proc	ders > (> A> F> Repo luction Details	orts > Closed Proc	uction Report			Business Unit: I	DatabizWareHouse	Application: Ap	plication (Plant) 🔹
		Supplier: Databiz	WareHouse, Datel	Range: 09/01/2	2018-09/11/2018, Item: IT06	0918, Plant: All Plants, Ope	ration: All Operations	Ch	ange Filter Back to Summary
Sorted by: End Time									1 to 3 of 3
Supplier Item No. ↑	Operation Name	Plant Name	Card ID ↑	Cycle No ↑	Req. End Time ↑	End Time î	Completed Qty \uparrow	Scrapped Qty 🕆	Completed By ↑
IT060918	OperationMuilti1	WCLine1	KCDGXSKTRA73	1	09/06/2018 06:41:28 PM	09/06/2018 11:39:09 AM	44	44	databizwarehouseuser
IT060918	OperationMuilti2	WCLine1	KCDGXSKTRA73	1	09/06/2018 11:44:07 PM	09/06/2018 11:44:37 AM	44	0	databizwarehouseuser
IT060918	OperationMuilti1	WCLine1	KCDGXSJTRAY6	1	09/06/2018 06:55:19 PM	09/06/2018 11:52:46 AM	120	0	databizwarehouseuser
Total							208	44	

1.1.2 Added Scrap Reason dropdown populated from Scrap Reason entity



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er By	,		Select Operator	Close Job			AT 1 6 1 AU	e e i		1.4.5.5.1					1	
i Ca	rd ID		M #4	Card ID	ltem	Plant	Operation Name	Card Qty	Completed Qty	Scrapped Qty	Close Qty	Scrap Qty	Final Lot?	End Of Shift?	Set	up 🔜 Start
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															148	of 148 🖣 F
YG	۳		Card ID					S	crap Reason:						ty	Scrapp
018	-09-11 ((Tuesday)						_	Scrap 1				•			
ו		Ø	KCDGXJ7TRA	Additional Opera	tors:				Scrap 1							0
		10	KCDGXJ8TRA	Enter comma sep	parated		1						11			45
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Selected scrap reason gets copied in text field. If user changes text field and selected value from dropdown is still not included selected text will be added in front of typed in scrap reason and available for review at Scrap report.

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In scrap report:

C 🟠 🛈 Not secure engineeri	ingmvc4.ultrivalms.com/OEERepo	t/ScrapDetails?			☆		r 🖸 🖸	
os 🗋 Web Slice Gallery 📙 Imported Fro	om IE G Google 🚸 CEK LIVE SITI	E 🕜 Speedtest.net - The G 🚸 Q	A LS TEST Site 🚸 QA LS TEST Sit	e 🚸 LS 75 TEST Site 🤞	👂 QA 7.7MV	C4 TEST	» 📙 Oth	er bookm
upland Ultriva		8.3 QA Test S	iite		c 🔿	?	Databizware	e house
A > Completed Orders > (> (> />	F> Reports > Scrap Report		Bu	siness Unit: DatabizWa	areHouse	Applicatio	n: Application (Pla	int) 🔻
Scrap Details						₽	Print 📝 Export	0
	C	lien DatabisWanaHaura DataBar	age: 00/01/2018 00/11/2018				Change Filter B	ack to Sur
	Subb	ner: DatabizwareHouse, Dateka	nge: 09/01/2018-09/11/2018, 1te	m: 11000918				
Sorted by: Date								1 to 1 o
Supplier Item No.	Units Scrapped	Scrap At Point	Card ID	Cycle No	Date		Scrap Reason	
IT060918	44	CloseProduction	KCDGXSKTRA73	1	09/06/2018		Scrap 1	

1.1.3 Added new custom Production History report in LFM section

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

Not secure engineeringmvc4.ultrivalms.com/CreateCustomReport/List														
e Gallery 📙	Imported From IE G Google 🚸 CEK LIVE SITE 🌈 Speedtest.net - The 🗧 🚸 Q	A LS TEST Site 🚸 QA LS TEST Site 🛛 🚸 LS 75												
Ultriv	Ultriva 8.3 QA Test Site													
leted Orders 🕽	C S A C A F Reports Create Custom Reports	Business Unit:												
Custom	Report													
	Back Ordered Cards Report Pick List Consumption Report Cross Tab History for Shelf Life Controlled Items	Back Ordered Cards Report Pick List Consumption Report Kanban cycle historical data for shelf life con												
	▲													
	Title	Description												
	RFQ Header Details RFQ Details RFQTicket2Suppliers	RFQ Header and Details RFQ Ticket Details RFQ Ticket to Suppliers												
	▲													
	Title	Description												
	Suppliers with No Purchasing Activity	Suppliers with No Purchasing Activity												
	▲													
	Title	Description												
	Work Order History Report Production History Report	Work Order History Work Order QA Operations Results Production Operation History												
	Title	Description												
	Integration Errors Report	Integration Errors Report												

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

On hold reasons dropdown populated from Production Issue entity.

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

C		Not sec	ure engir	neeringmvc4	ultrivalms.cor.	n/CustomRe	eport/ViewCustomRep	ort?GID=PVS	-28FGJD-22	2222H-TRA	ZN			☆ 🖻 🖬	R 🖸 🖸	I 🔺 🖲 🗄
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	1	09/12/2018 12:45:56 AM	09/11/2018 05:43:45 PM	09/11/2018 05:44:14 PM	45	233	databizwarehouseuser	18,000	7,200	1.0909	-	-		Machine1	Machine1	EndOperation
	1	09/06/2018 06:55:19 PM	09/06/2018 11:52:39 AM	09/06/2018 11:52:46 AM	120	0	databizwarehouseuser	18,000	7,200	1.3333		-		Machine2	Machine2	EndOperation
	1	09/06/2018 06:41:28 PM	09/06/2018 11:38:48 AM	09/06/2018 11:39:09 AM	44	44	databizwarehouseuser	18,000	7,200	1.3333		-		Machine1	Machine1	EndOperation
	1	09/06/2018 11:44:07 PM	09/06/2018 11:43:09 AM	09/06/2018 11:44:37 AM	44	0	databizwarehouseuser	21,600	21,600	1.3333		-		MachineDie1	MachineDie1	EndOperation
	1	09/12/2018 12:46:26 AM	09/11/2018 05:43:46 PM	09/11/2018 06:00:12 PM	120	0	databizwarehouseuser	18,000	7,200	1.3333		-		Machine1	Machine1	EndOperation
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4																_
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1.2 Show operation instructions on Close Schedule

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

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

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ଲ	4 > -C	-Actions > -Close	Schedules					~Business Unit:	A1 • ~A	plication: -Application (Plant) -
	Filter By Find Car	ed ID re Orders Orders It	Select Operator 🔹 E	nter Value ders Operator Effici	incy	sAdmin False, Adhoc Flo	w False, is Multiple True, IsAutoPrint False -Start Setup -En	d Setup 🛛 –Start Job	P-On S -Hold Job III -Take a Brea	tup -Started -Stopped not finished k X -Close Job -Print Card
ай										1 to 11 of 11
-	RYG	-	Card ID	Item	Operation Name	Machine	Start Time	Card Qty	Completed Qty	Scrapped Qty Past Due
	2018	-08-23 (Thursday)	~Capacity U	Itilization 15449	•	~123 Hour(s) and 30) Minute(s)			
Ť			KCD2KAHLFYGZ	a1-613	a10p		08/21/2018 01:42:11 PM	10	0	0 🔥
@			KCD2KAJLFYCN	a1-613	a1Op2	a1Machine2	08/23/2018 02:06:45 PM	10	2	3 🔥
			KCD2KAKLFYKK	a1-613	a1Op (Completed)		08/23/2018 01:55:40 PM	10	0	0 🔥
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			KCD2KAMLFYHF	a1-613	-Accepted-			10	0	0 🔥
			KCD2KANLFYJ5	a1-613	-Accepted-			10	0	0 🔥
			KCD2KAPLFYPH	a1-613	-Accepted-			10	0	0 🔺
			KCD2KAQLFYGC	a1-613	-Accepted-			10	0	0 🔥
			KCD2KABLFYFV	a1-711	-Accepted-			2	0	0
			KCD2KB3LFY6L	a1-711	-Accepted-			2	0	0
			KCD2KB4LFY3D	a1-711	-Accepted-			2	0	0
	~Tota -iter	d Selected Items: 0 m -Recalculate Total		-Cards	-09)> -start Setup ■ == rn	Ø -Start Job	● -Hold Job III -Take a Uroa P -On S	
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In tooltip we show operation name and short version – first 300 chars of instructions. Attachments can be downloaded on click:

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ଜ	6> <u>-</u>	Actions > -Clo	se Sche	dules					~Business U	Init: A1	 Application: -App 	alication (Plant)	•
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3	RYG	-		Card ID	Item	Operation Name	Machine	Start Time	Card Qty	Completed Qty	Scrapped Qty	Past Due	
~	2018-0	18-23 (Thursday	n	~Capacity Utilization	n 1544%		~123 Hour(s) and 30 M	linute(s)					
			ø	KCD2KAHLFYGZ	a1-613	a10p		08/21/2018 01:42:11 PM	10	1	0	0 🔥	
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			at			d-			10		0	0 🧥	
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				KCD2KAPLFYPH	a1-613	-Accepted-			10		0	0 1	
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	- H	Recalculate Tota											
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Close Schedules				-Business Un	it A1 *	-Application: -Appl	ication (Plant) 🔻
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щ			~Operation Instructions		_		1 to 11 of 11
RYG 🕨 🗆 Card	ID Item	Operation Name	a10p instructions to do W45HINGTON — Attorney General leff Sessions nucleal back against President Trumn's recent	~	Completed Qty	Scrapped Qty	Past Due
✓ 2018-08-23 (Thursday)	~Capacity Utilization 15449	b	attack on him — namely that Mr. Sessions never took control of the Justice Department — and said on Thursday that he would not be influenced by politics in the job.				
KCD2	KAHLFYGZ a1-613	a10p	While I am attorney general, the actions of the Department of Justice will not be improperly	~	0	0	۸
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C KCD2	KB4LFY3D a1-711	-Accepted-		2	0	0	
			► -Start Setup	O –Start Job	O –Hold Job 🛚 🛚 –Take a B	reak 🗙 –Close Job	🔒 -Print Card

1.3 Show operation instructions on Close Schedule

- 1.4 Use item/operation/machine cycle time in calculations for OEEReport/Capacity Utilization Machine detail report
- 1.5 Allow user to set Machine Cycle Time and cycle time unit when assigning Operations for item

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

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

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â	Home > /> F> Admin > Sup	plieritem		Business Unit: Da	tabizWareHouse	Application:	Application (Plant) 🔻
	Edit Operation: Operat	tion1 for Item:IT150218						8
~	Operation Information							
52	*Operation:	Operation1		Cycle Time:	0.9167 Pieces	Per Minute		
	End Item No:			End Item Description:				
in ni	Serial Number is Optional:							
а	Machine Information							
ţ)	Machine Code	Machine Description	Ideal Run Rate (pieces per minute)			Cycl	e time per Machine	Default ?
¢۶	✓ Machine1	Machine1	0.91667		0.9167	Pieces Per Minu	ite 🔻	۲
	*Required field						☞ Save Ø	Cancel

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

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

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

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

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â	Home Admin SupplierItem Edit Operation: Operation1 for Item	Busin 1:IT150218	ess Unit: DatabizWareHouse Application: Application (Plant) 🔻
	Operation Information		
53	*Operation: Operation1	Cycle Time:	0.9167 Pieces Per Minute
in al	End Item No:	End Item Description:	
la al	Serial Number is Optional:		
ш	Machine Information		
ţ	Machine Code Machine Description	ldeal Run Rate (pleces per minute)	Cycle time per Machine Pefault
\$	Machine1 Machine1	0.91667	0.9167 Pieces Per Minute
	*Required field		S Save Ø Cancel

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

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

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

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â	Rese	ome > Actions > R	esequen ductio	ce Production Orders					Business Unit:	DatabizW	areHou	use Applic	ation: Ap	plicatior	n (Plant) ort	•
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1										Viewing 1	1 to 1 of	f5∮Page V	Veek of (09/1	6 - 09/22) 🔻 of	5 🕨
<u>10 01</u>	RYG	Card ID	Cycle No	Item	Description		Operation Na	me	Machine	Plant	Card Qty	Completed Qty	Scrapped Qty	Hot Flag	Past Due	
	2018-09)-21 (Friday)		Capacity Utilization	2532896%			202631 Hou	ır(s) and 36 Min	ute(s)						
ай		KCDGVXXTRA7K	1	IT150518	Test PS		Operation2		Machine1	WCLine1	100	0	0	23	۸	
ţ)		Operation Name Operation1 Operation2						Next Mach Running Running	ine							
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		Operation2						Machine2					•			
		KCDGN35TRAG7	1	ITPickList	Test Pick List					WCLine1	100	0	0		۸	
		KCDGVXVTRAW4	1	IT150518	Test PS		Operation2		Machine1	WCLine1	100	0	0		۸	•
		KCDGMLXTRAXD	1	ITDiecount	Test Die count		Operation-Die		MachineDie1	WCLine1	24.5	0	0		۸	•
		KCDGVXGTRAVS	1	IT140518	Test		Operation1			WCLine1	100	0	0		<u>^</u>	•

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

Process: New System Group created: Work Order Operation Manager

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upland Ultriva		Ultriva	Lean Suit	e (Dev Site)	8.3	٩ (2 @ 🕕	Application	n \$ Admin
A > -Admin > -Plant > -	-System Groups					~Business Unit: Sys/	Adm ~Application	: ~Applicat	ion (Sys /
~System Group	List					🝸Filters 👻 🖉	-Views 🔻 🔒	-Print 🕝 -	Export
-Sorted by: -Title									1 to 2
Title 1	Description	Business Name	Plant Group?	Supplier Group?	Workcenter Group?	Customer Group?	RFQ Group?	IOT Group?	QMS G
Kanban User	Kanban Users		4	*	*	*	*	*	1
Plant Administrators	Plant Administrators	14.1	4	*	*	*	*	*	
Plant Buyer	Plant Buyer Users		4	*	*	*	*	*	
Plant Planner	Plant Planner Users		4	*	*	*	*	*	
Plant User	Plant User	34.0	4	*	*	*	*	*	
QMS NCR Owner	QMS NCR Owner	8 4 (*	*	*	*	*	*	
QMS Supplier Admin	QMS Supplier Admin	840	*	1	*	*	*	*	
QMS Supplier User	QMS Supplier User		*	4	*	*	*	*	
Receiving Dock User	Receiving	35.5	4	*	*	*	*	*	
RFQ Administrator	RFQ Administrator	100	*	*	*	*	1	*	
RFQ Buyers	RFQ Buyers	171	*	*	*		1	*	
RFQ Supplier User	RFQ Supplier User	373	*	4		*	*	*	
RFQ Users	RFQ Users	05-0	*	*	*	*	1	*	
Supplier Administrator	Supplier Administrator	200	*	4	*	*	*	*	
Supplier CSR	Supplier CSR	1854	*	4	*	*	*	*	0
Supplier Shipper	Supplier Shipper	-	*	4	*	*	*	*	
Supplier User	Supplier User	•	*	4	*	*	*	*	
TestGroup	TestGroup	÷	4	*	*	*	*	*	
WC Administrator	Workcenter Administrator	12.	*	*	4	*	*	*	
WC User	Workcenter User	(a)	*	*	4	*	*	*	
Work Order Operation Mgr	Work Order Operation Mgr	54	*	*	1		*	2	

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Date: 12-March 24, 2020

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

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

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

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

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

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

1.11 Improve colouring for grids and selected rows in application

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

1.13 PO Approval to be automated after a PO change

- 1.14 Full release ID Field for the Pick PO Receipt to be exported in a report, like the Integration report for PO Receipt , PO Create ... etc
- 1.15 Number of copies on Print on Ship screen- Use Plant To Supplier Setting Use Plant Setting Use Input Value

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1.16 Update in SO Sync Query

- 1.17 Inspect Items Enhancement
- 1.18 Add Scheduled Report capability to S-QMS Supplier Score Card in both buyer and supplier reports

1.19 Added Supplier Rating Criteria entity in Plant Entities

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