

Upland Ultriva Release Notes

v10.5

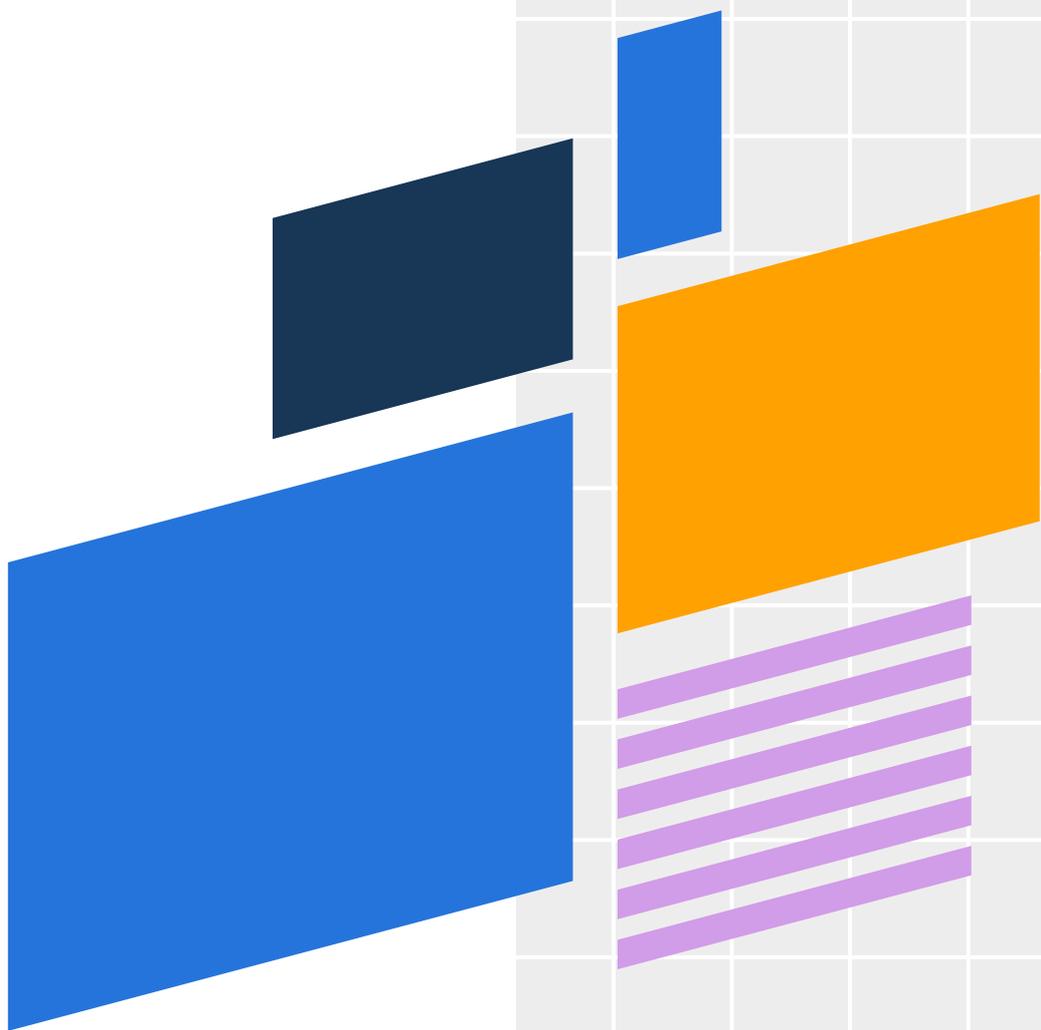


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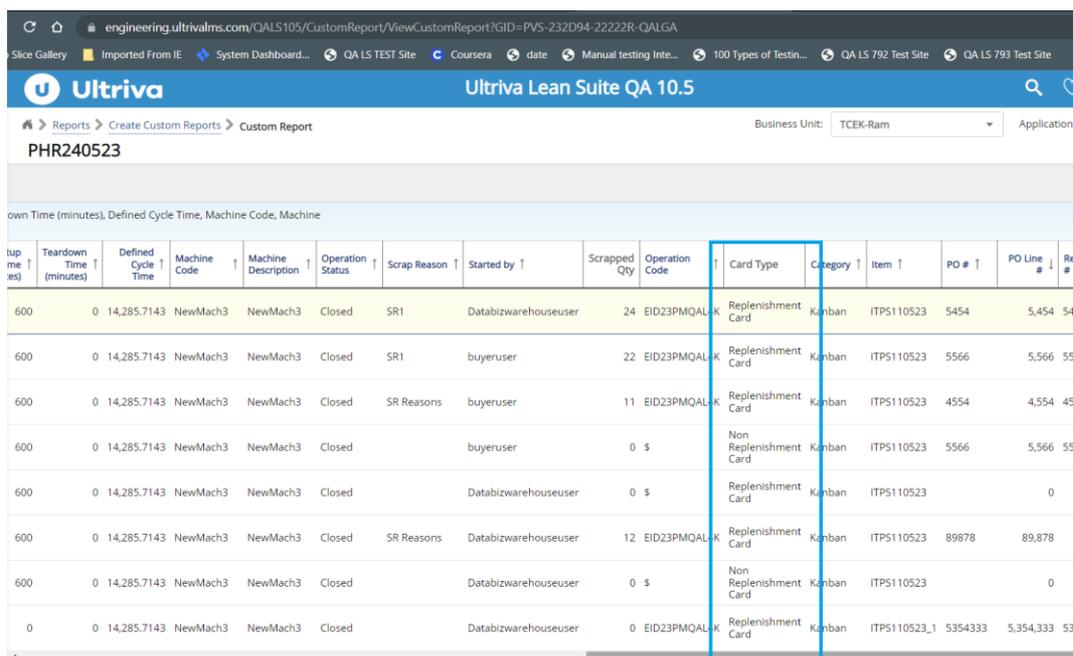
Enhancements and Features

Add 'Card Type' to custom Production History Report

A valuable enhancement has been implemented in the Production History (Custom Report) feature. The enhancement involves the addition of a new attribute called 'Card Type' to both the report results and filter options. This enhancement empowers users to easily identify whether a card is classified as a Replenishment Card or Non-Replenishment Card within the Production History report.

By including the 'Card Type' attribute, users can now generate custom reports that provide detailed insights into the production history of both Replenishment and Non-Replenishment cards. This information helps users analyze and track the performance, status, and trends specific to each card type, enabling better decision-making and enhanced visibility into the production processes.

This enhancement adds a new level of flexibility and clarity to the Production History feature, allowing users to effectively filter and analyze data based on card types. The inclusion of 'Card Type' in the report results and filter options greatly improves the overall user experience and contributes to a more comprehensive understanding of production activities within Ultriva.



Setup Time (minutes)	Teardown Time (minutes)	Defined Cycle Time	Machine Code	Machine Description	Operation Status	Scrap Reason	Started by	Scrapped Qty	Operation Code	Card Type	Category	Item	PO #	PO Line #	Re #
600	0	14,285.7143	NewMach3	NewMach3	Closed	SR1	Databizwarehouseuser	24	EID23PMQAL-K	Replenishment Card	Kanban	ITP5110523	5454	5,454	54
600	0	14,285.7143	NewMach3	NewMach3	Closed	SR1	buyeruser	22	EID23PMQAL-K	Replenishment Card	Kanban	ITP5110523	5566	5,566	55
600	0	14,285.7143	NewMach3	NewMach3	Closed	SR Reasons	buyeruser	11	EID23PMQAL-K	Replenishment Card	Kanban	ITP5110523	4554	4,554	45
600	0	14,285.7143	NewMach3	NewMach3	Closed		buyeruser	0	\$	Non Replenishment Card	Kanban	ITP5110523	5566	5,566	55
600	0	14,285.7143	NewMach3	NewMach3	Closed		Databizwarehouseuser	0	\$	Replenishment Card	Kanban	ITP5110523		0	
600	0	14,285.7143	NewMach3	NewMach3	Closed	SR Reasons	Databizwarehouseuser	12	EID23PMQAL-K	Replenishment Card	Kanban	ITP5110523	89878	89,878	
600	0	14,285.7143	NewMach3	NewMach3	Closed		Databizwarehouseuser	0	\$	Non Replenishment Card	Kanban	ITP5110523		0	
0	0	14,285.7143	NewMach3	NewMach3	Closed		Databizwarehouseuser	0	EID23PMQAL-K	Replenishment Card	Kanban	ITP5110523_1	5354333	5,354,333	53

Disallow Special Characters in Data (Item Sync and new Config)

A significant enhancement has been implemented to ensure data integrity and system stability. The introduction of disallowed special characters in data for Item Sync and the user interface (UI) prevents the use of specific characters that could potentially cause issues.

To facilitate this enhancement, a new system configuration element, "ULTRIVA_REQUEST_VALIDATOR_CHARS," has been introduced. This configuration

allows administrators to specify the special characters that are not allowed in the system.

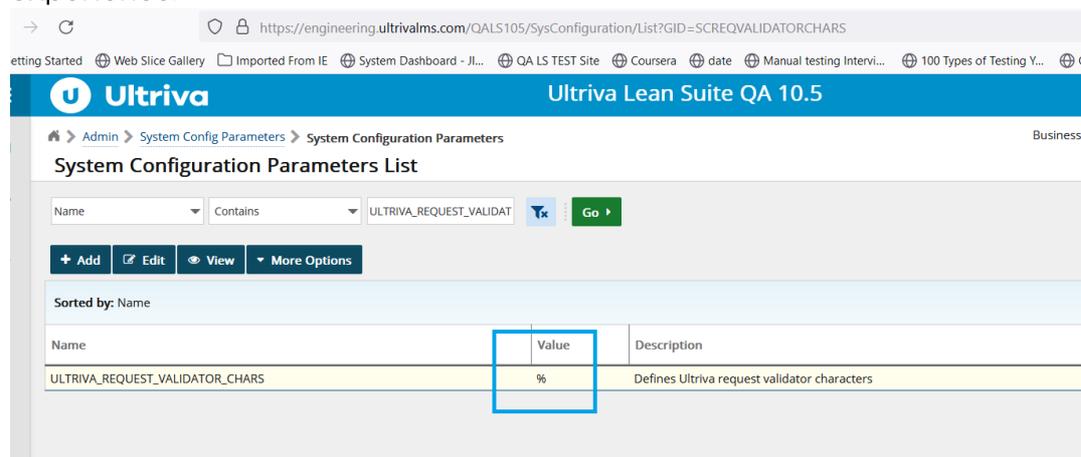
The validation process now includes checking the following fields during Item Sync:

- ItemNo
- ItemDesc
- EBJ_RTPARAMS.ABCCode
- EBJ_RTPARAMS.RevisionNo
- EBJ_RTPARAMS.DrawingNo
- EBJ_RTPARAMS.CT
- EBJ_RTPARAMS.SUBINVENTORY
- LocationCode
- SupplierItemNo
- SupplierItemDesc
- SupplierPoNum
- SupplierPoReleaseNum
- SupplierPoReleaseLineNum

To maintain data integrity and system stability, certain characters such as [=, ?, /, &, @, dot, \$] have been restricted. Additionally, caution is advised against using any part of the login username or password, as it may lead to login issues.

The system has been properly configured to include the special character "%" as part of the system configuration, further enhancing the validation process.

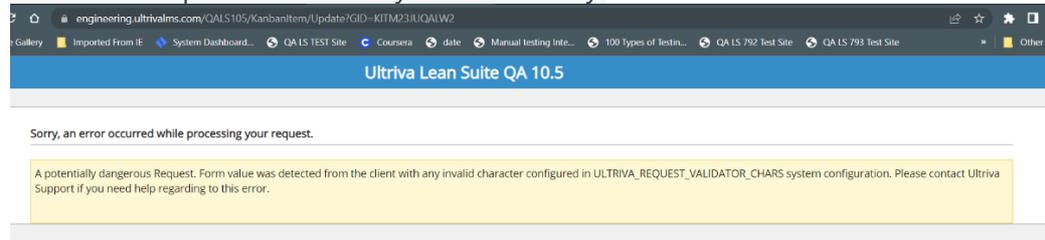
By implementing these measures, Ultriva aims to ensure the reliability, consistency, and security of data within the system, promoting a smooth and error-free user experience.



When attempting to add or edit an item that includes the special character "%," the system now provides an informative error message to alert the user about the issue. The error message clearly indicates that the use of the "%" character is not allowed and provides guidance on resolving the error.

By displaying this error message, users are promptly informed about the prohibited character and can take appropriate action to rectify it. This helps maintain data consistency and ensures that item names and details adhere to the necessary formatting rules.

With this improvement, users can easily identify and address any potential issues related to the use of the special character "%," enabling them to proceed with the item creation or modification process smoothly and efficiently.

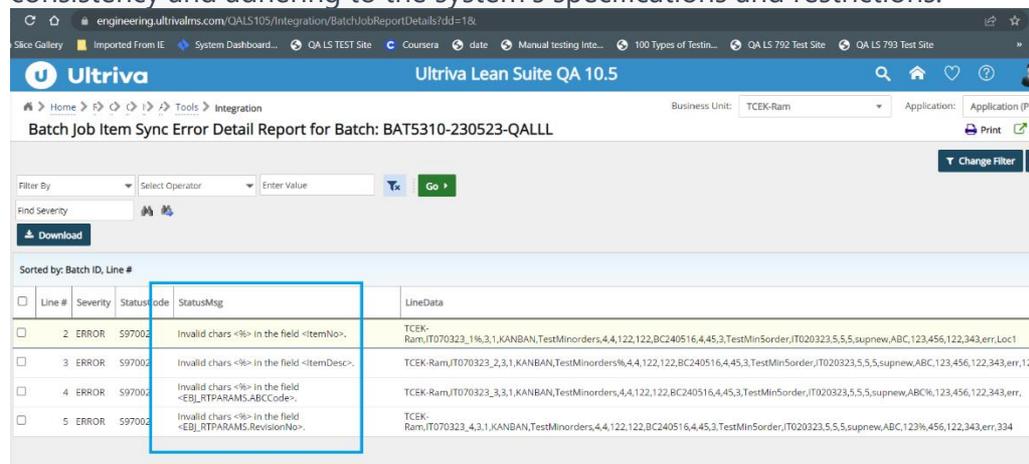


When uploading an item sync file that contains the special character "%," the system now includes appropriate error handling in the batch job status report. If the uploaded file includes the prohibited character "%," the system will detect it during the batch job processing and generate an error message specifically addressing this issue.

The error will be reflected in the batch job status report, providing clear visibility to users about the presence of the special character and the resulting error. This enables users to quickly identify and address any problematic items within the sync file.

By incorporating this error handling mechanism, the system ensures data integrity and accuracy during the item sync process. Users can rely on the batch job status report to identify any issues related to the special character "%," facilitating efficient troubleshooting and resolution.

This enhancement enables users to seamlessly manage item sync files while maintaining data consistency and adhering to the system's specifications and restrictions.

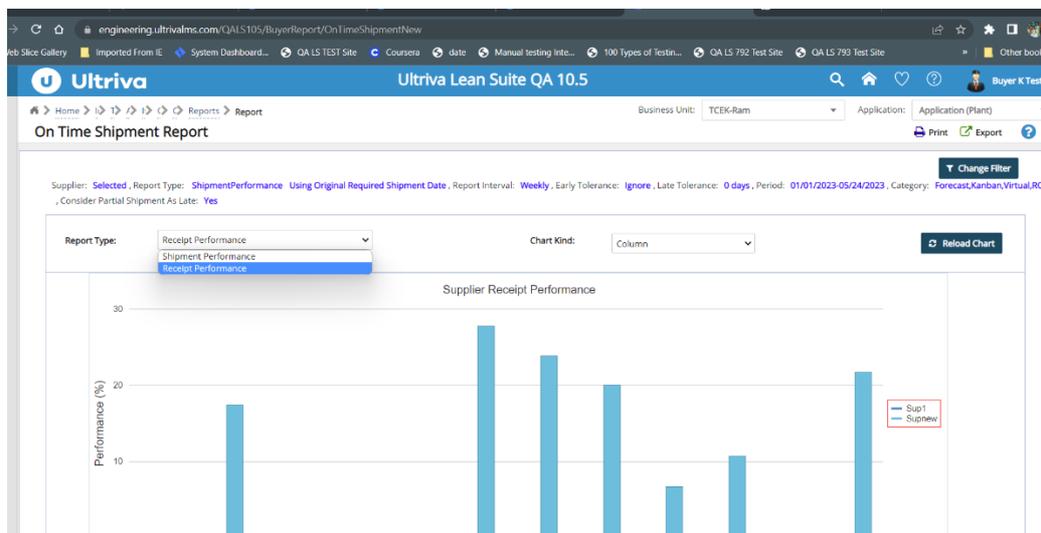


Supplier On-time Report Improvements

The Supplier On-Time report has undergone several improvements, including:

- Updated the report to use a new style, enhancing its visual appearance and usability.
- Introduced a single graph on one page that displays all selected suppliers. Users now can check or uncheck supplier names to dynamically remove or add them to the graph.
- Implemented the option to choose between a line graph or a bar graph dynamically on the report page, providing flexibility in data visualization.
- Moved certain filter choices to the report graph page whenever feasible. This includes options such as Using Original Required Receive Date, Consider Partial Shipment as late, Receipt Performance, and Shipment Performance.

These enhancements aim to enhance the Supplier On-Time report's functionality and user experience.



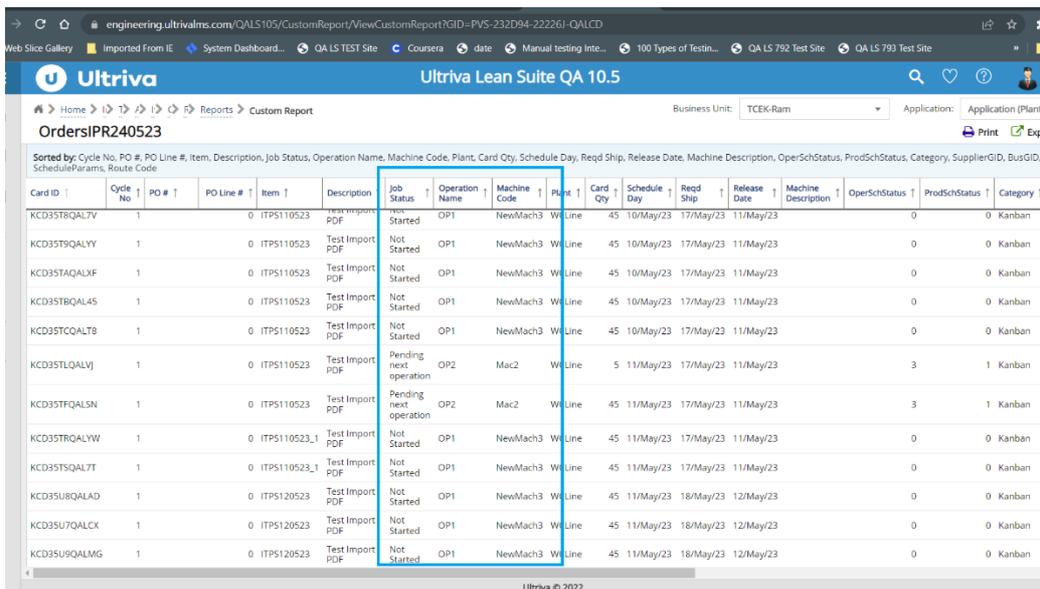
Add additional columns to the custom LFM/OEE report "Orders in Production Custom Report"

An enhancement has been made to the Orders in Production Custom Report to improve the visibility and clarity of job statuses. Specifically, for "Not Started" job statuses and Pending Next Operation, the report now includes the Next Operation and Default Machine name in the Operation Name and Machine Name columns.

By adding these details to the report, the columns will no longer display empty values for the aforementioned job statuses. This enhancement ensures that users have comprehensive information regarding the next operation and the default machine associated with jobs that have not yet started or are awaiting the next operation.

With this improvement, users can effectively track the progress of jobs and gain a better understanding of the workflow. It allows for easier identification of upcoming operations and their respective default machines, promoting smoother production processes and improved decision-making based on the report's data.

Overall, this enhancement enhances the usability and completeness of the Orders in Production Custom Report, empowering users with accurate and detailed information about job statuses and associated operations and machines.



Card ID	Cycle No	PO #	PO Line #	Item	Description	Job Status	Operation Name	Machine Code	Plant	Card Qty	Schedule Day	Req'd Ship	Release Date	Machine Description	OperSchStatus	ProdSchStatus	Category
KCD35TRQALVY	1	0	ITPS110523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	10/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35TQALYY	1	0	ITPS110523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	10/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35TAQALXF	1	0	ITPS110523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	10/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35TBQAL45	1	0	ITPS110523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	10/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35TQOALT8	1	0	ITPS110523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	10/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35TLQALVJ	1	0	ITPS110523		Test Import PDF	Pending next operation	OP2	Mac2	W Line	5	11/May/23	17/May/23	11/May/23		3	1	Kanban
KCD35TFQALSN	1	0	ITPS110523		Test Import PDF	Pending next operation	OP2	Mac2	W Line	45	11/May/23	17/May/23	11/May/23		3	1	Kanban
KCD35TRQALYW	1	0	ITPS110523_1		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	11/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35TQAL7T	1	0	ITPS110523_1		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	11/May/23	17/May/23	11/May/23		0	0	Kanban
KCD35UBQALAD	1	0	ITPS120523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	11/May/23	18/May/23	12/May/23		0	0	Kanban
KCD35U7QALCK	1	0	ITPS120523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	11/May/23	18/May/23	12/May/23		0	0	Kanban
KCD35U9QALMG	1	0	ITPS120523		Test Import PDF	Not Started	OP1	NewMach3	W Line	45	11/May/23	18/May/23	12/May/23		0	0	Kanban

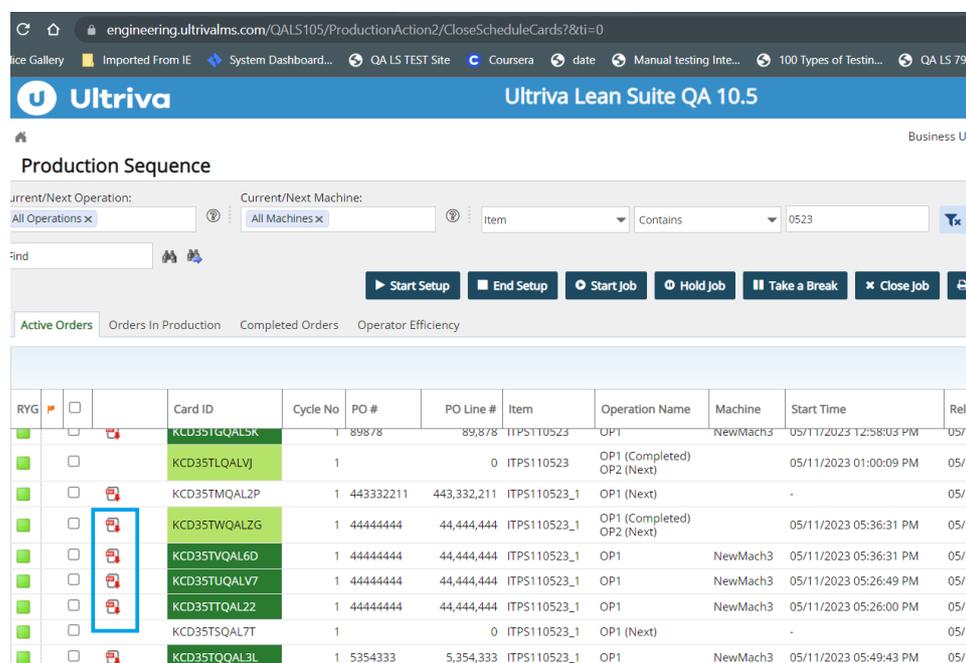
PDF Import enhancements LFM

The custom LFM/OEE report "Orders in Production Custom Report" has undergone significant improvements. Two additional columns, namely Next Operation and Default Machine name, have been incorporated into the report for job statuses such as "Not Started" and "Pending Next Operation." By including these columns, the report eliminates empty values and provides valuable information regarding the next operation and the default machine associated with the respective jobs.

In the PDF Import feature of LFM, enhancements have been implemented in the Batch Job (JobERPImportWOPDF). The following improvements have been made:

- Previously, when multiple jobs (cards) shared the same Workorder number (PO #), the PDF was imported to only one of those cards. However, with the enhancement, the PDF will now be imported to all relevant cards that share the same Workorder number. This ensures that all applicable cards receive the necessary PDF documentation, allowing for accurate and comprehensive record-keeping.

These enhancements in both the custom LFM/OEE report and the PDF Import feature contribute to improved efficiency and accuracy within the LFM system. Users can benefit from more informative reports and streamlined PDF imports, ultimately facilitating better tracking and management of production orders.



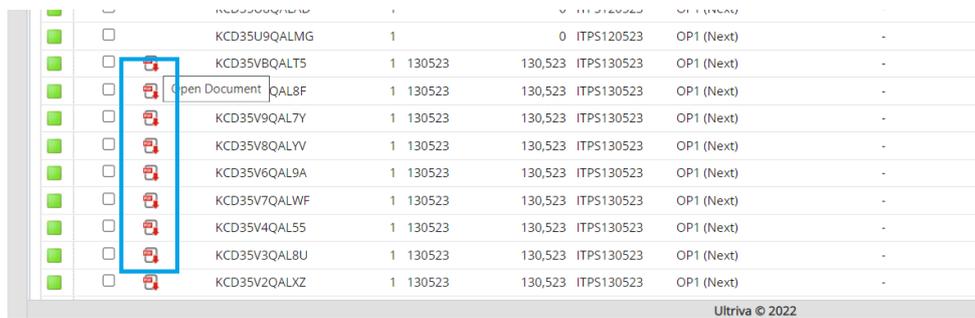
RYG	Icon	Card ID	Cycle No	PO #	PO Line #	Item	Operation Name	Machine	Start Time	Rel
Green	🗑️	KCD351GQAL5K	1	89878	89,878	ITPS110523	OP1	NewMach3	05/11/2023 12:58:03 PM	05/1
Green	🗑️	KCD35TLQALVJ	1		0	ITPS110523	OP1 (Completed) OP2 (Next)		05/11/2023 01:00:09 PM	05/1
Green	🗑️	KCD35TMQAL2P	1	443332211	44,332,211	ITPS110523_1	OP1 (Next)		-	05/1
Green	🗑️	KCD35TWQALZG	1	444444444	44,444,444	ITPS110523_1	OP1 (Completed) OP2 (Next)	NewMach3	05/11/2023 05:36:31 PM	05/1
Green	🗑️	KCD35TVQAL6D	1	444444444	44,444,444	ITPS110523_1	OP1	NewMach3	05/11/2023 05:36:31 PM	05/1
Green	🗑️	KCD35TUQALV7	1	444444444	44,444,444	ITPS110523_1	OP1	NewMach3	05/11/2023 05:26:49 PM	05/1
Green	🗑️	KCD35TTQAL22	1	444444444	44,444,444	ITPS110523_1	OP1	NewMach3	05/11/2023 05:26:00 PM	05/1
Green	🗑️	KCD35TSQAL7T	1		0	ITPS110523_1	OP1 (Next)		-	05/1
Green	🗑️	KCD35TQQAL3L	1	5354333	5,354,333	ITPS110523_1	OP1	NewMach3	05/11/2023 05:49:43 PM	05/1

In the PDF Import feature of LFM, significant improvements have been implemented to enhance the import process for jobs (cards) in various statuses. Previously, the PDF import was restricted to specific job statuses, excluding the "Ship" status. However, with the recent enhancements, the PDF is now imported to jobs in any status except for "Ship."

This expanded functionality allows for a more comprehensive and flexible PDF import process. Regardless of whether the job is not yet started, currently running, or partially completed, the PDF can be imported and associated with the respective job. This ensures that all relevant job statuses are covered, providing a more holistic view of the production process and documentation.

By extending the PDF import capability to a wider range of job statuses, LFM facilitates smoother information flow and record-keeping. Users can easily import PDFs at different stages of the job lifecycle, ensuring that critical documentation is readily available and properly associated with the corresponding jobs.

These enhancements optimize the PDF import process in LFM, improving efficiency, accuracy, and documentation management for users throughout the production cycle.



Job ID	Plant	Workcenter	Status	Start Date	End Date	Operation	Priority
KCD35U9QALMG	1	ITP5120523	OP1 (Next)	-	-	-	-
KCD35VBQALT5	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V9QAL7Y	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V8QALYV	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V6QAL9A	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V7QALWF	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V4QAL55	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V3QAL8U	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-
KCD35V2QALXZ	1 130523	130,523 ITP5130523	OP1 (Next)	-	-	-	-

A valuable enhancement has been introduced in LFM with the addition of a new Job file parameter called "look.in.wc." This parameter offers enhanced flexibility and control over job searches within associated Workcenters for a specific Business Unit.

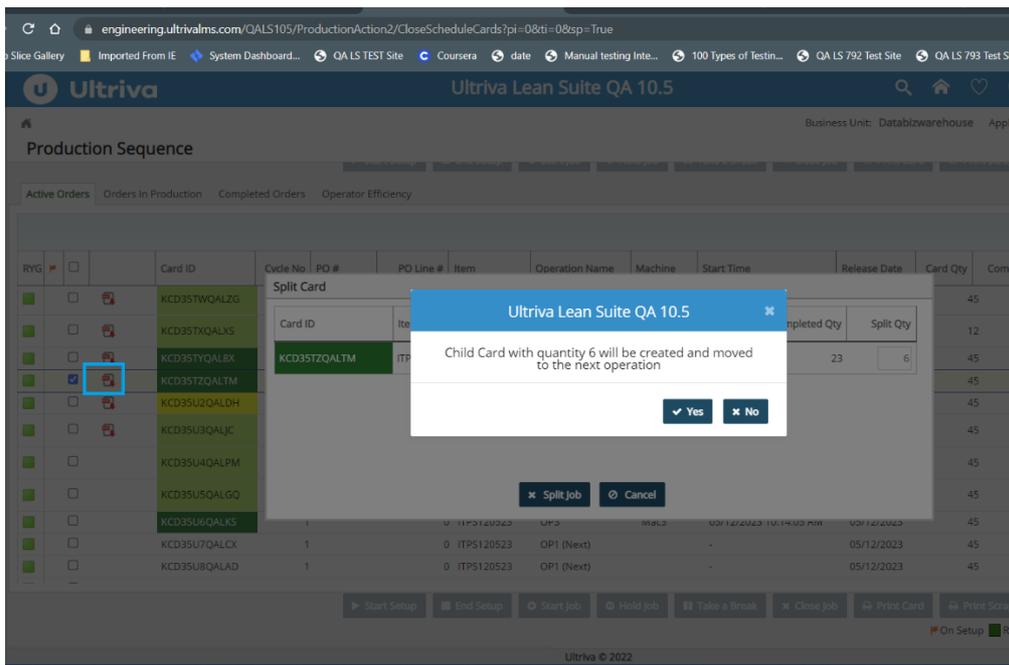
By default, the "look.in.wc" parameter is set to "N" (false). However, when this parameter is changed to "Y" (true), the LFM application will extend its search to include jobs (cards) located in the associated Workcenter for the corresponding Business Unit. This means that if a job is configured to be associated with a specific Workcenter within a plant, the system will consider and retrieve these jobs during searches.

This enhancement allows for more comprehensive job tracking and management, especially when dealing with complex production environments where jobs may be distributed across different Workcenters within a plant. By enabling the search for jobs in associated Workcenters, users can easily identify and manage jobs that exist in inner Workcenters, gaining a complete view of production activities and optimizing resource allocation.

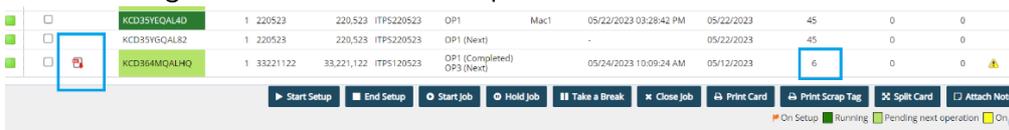
Overall, this enhancement provides greater flexibility and granularity in job searches, enabling improved visibility and control over production processes within LFM.

Copy Imported PDF to Child Card (Split Cards) in LFM

In the Production Sequence, when performing the Split Cards action, an enhancement has been made to copy the attached PDF from the parent job (Card) to the child job (Card) created as a result of the split process. This ensures that the child card receives a copy of the PDF attachment from the parent card, maintaining the associated documentation throughout the production workflow.



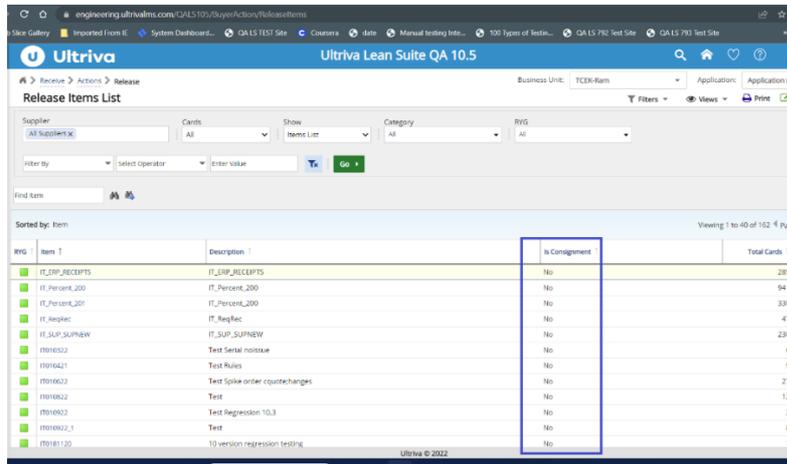
Child card got the Parent card imported PDF.



Add Consignment Flag to Release Item/Cards List

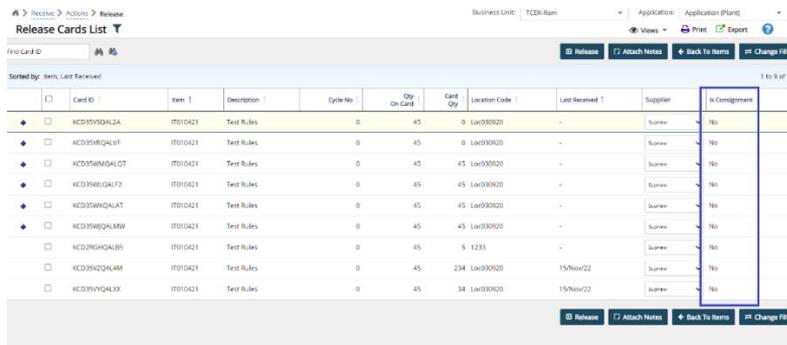
The IsConsignment column has been added to the Release Items List, Release Cards List, Receive Items List, and Receive Cards List. This column provides information about whether an item or card is marked as consignment. Additionally, the IsConsignment column is now available in the filter, allowing users to easily sort and filter data based on the consignment status. This enhancement provides better visibility and management of consignment items/cards within the mentioned lists.

Release items list:



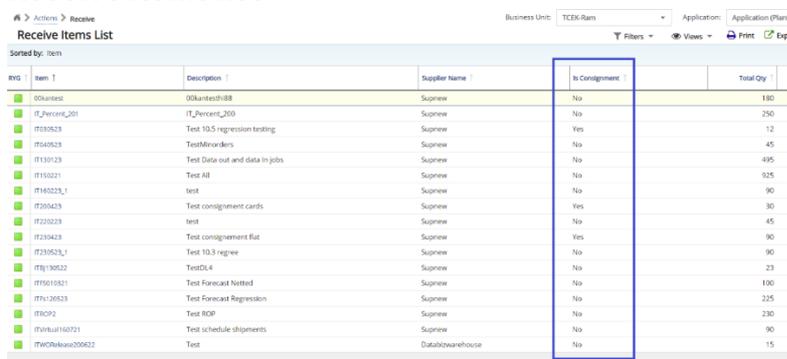
Item #	Description	Is Consignment	Total Cards
IT_ERP_RECEPTS	IT_ERP_RECEPTS	No	283
IT_Percent_200	IT_Percent_200	No	941
IT_Percent_201	IT_Percent_200	No	330
IT_RegRec	IT_RegRec	No	47
IT_SUP_SUPNEW	IT_SUP_SUPNEW	No	230
IT04032	Test Serial nossex	No	6
IT04041	Test Rules	No	9
IT04032	Test Spike order coupechanges	No	27
IT04032	Test	No	12
IT04032	Test Regression 10.3	No	2
IT04032_1	Test	No	8
IT041120	10 version regression testing	No	1

Release cards list:



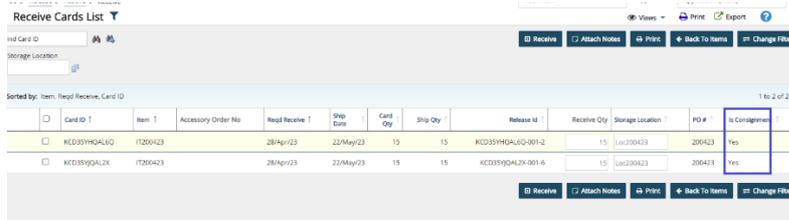
Card ID	Item #	Description	Cycle No	Qty On Card	Card Qty	Location Code	Last Received	Supplier	Is Consignment
KCD35VQAL2A	IT010421	Test Rules	0	45	0	Loc000520	-	Supreee	No
KCD35VQALVF	IT010421	Test Rules	0	45	0	Loc000520	-	Supreee	No
KCD35VQAL07	IT010421	Test Rules	0	45	45	Loc000520	-	Supreee	No
KCD35VQALF2	IT010421	Test Rules	0	45	45	Loc000520	-	Supreee	No
KCD35VQALAT	IT010421	Test Rules	0	45	45	Loc000520	-	Supreee	No
KCD35VQALMW	IT010421	Test Rules	0	45	45	Loc000520	-	Supreee	No
KCD35VQALBS	IT010421	Test Rules	0	45	5	S 1235	-	Supreee	No
KCD35VQALAM	IT010421	Test Rules	0	45	234	Loc000520	15/Nov/22	Supreee	No
KCD35VQALXX	IT010421	Test Rules	0	45	34	Loc000520	15/Nov/22	Supreee	No

Receive Items list:



Item #	Description	Supplier Name	Is Consignment	Total Qty
08unresd	08unresd08	Supreee	No	180
IT_Percent_201	IT_Percent_200	Supreee	No	250
IT030423	Test 10.3 regression testing	Supreee	Yes	12
IT040423	TestBoarders	Supreee	No	45
IT130123	Test Data out and data in jobs	Supreee	No	495
IT150221	Test All	Supreee	No	925
IT160223_1	test	Supreee	No	90
IT200423	Test consignment cards	Supreee	Yes	30
IT220223	test	Supreee	No	45
IT230423	Test consignment flat	Supreee	Yes	90
IT230523_1	Test 10.3 regree	Supreee	No	90
IT0130522	TestD4	Supreee	No	23
IT0130521	Test Forecast Netted	Supreee	No	100
IT0120523	Test Forecast Regression	Supreee	No	225
IT0102	Test ROP	Supreee	No	230
ITVirtual150721	Test schedule shipments	Supreee	No	90
ITW0804000622	Test	Datawarehouse	No	15

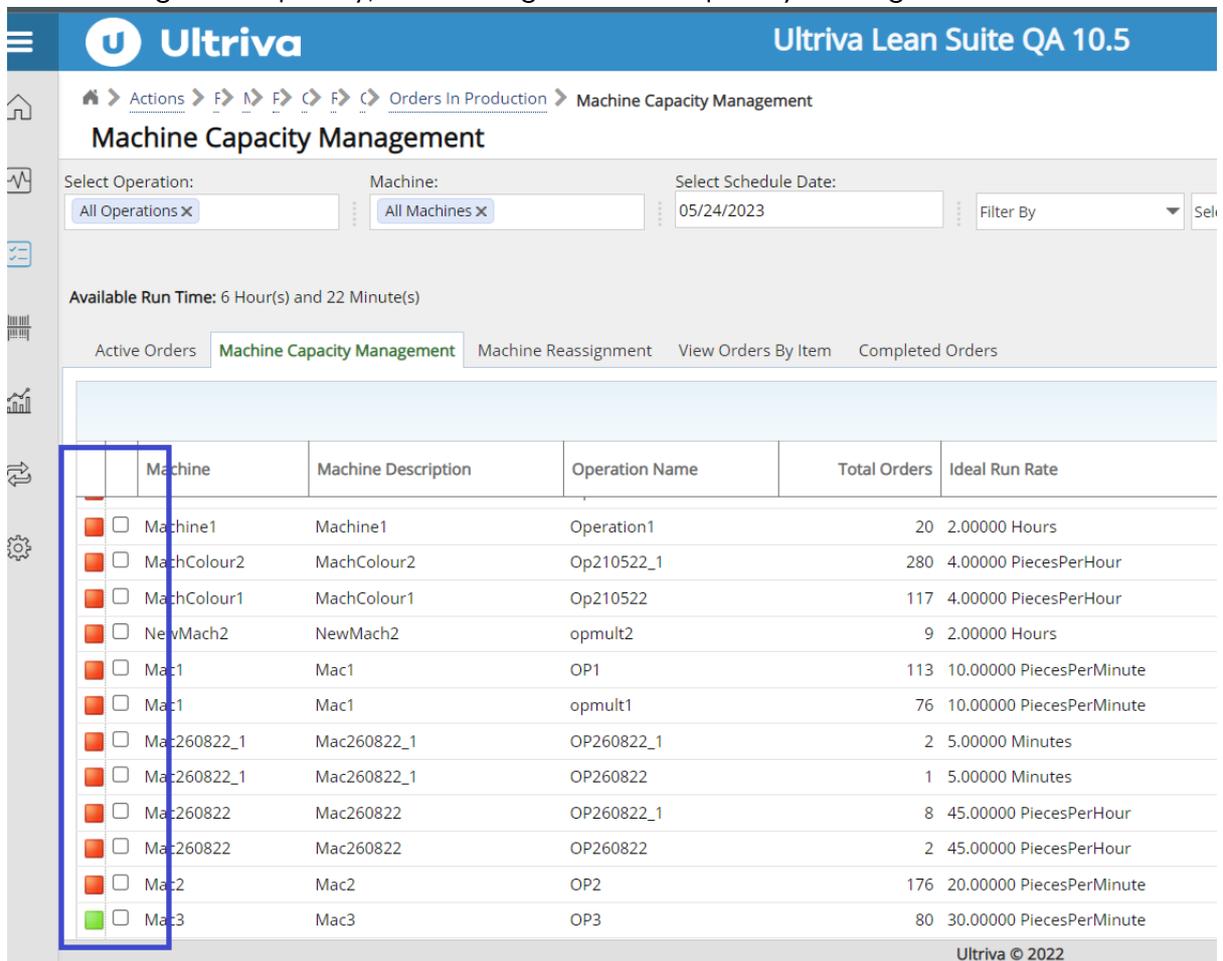
Receive cards list:



Card ID	Item	Accessory Order No	Recd Receive T	Ship Date	Card Qty	Ship Qty	Release Id	Receive Qty	Storage Location	PO #	Is Containment
KCD359HQ4LQ	IT200423		28/Apr/23	22/May/23	15	15	KCD359HQ4LQ-001-2	15	Loc200423	200423	Yes
KCD359Q4L2X	IT200423		28/Apr/23	22/May/23	15	15	KCD359Q4L2X-001-6	15	Loc200423	200423	Yes

Sort by RYG Code on Machine Capacity Screen

In the Machine Capacity Management screen, an improvement has been made to the sorting of the RYG (Red, Yellow, Green) column indicator. The indicator will now be sorted in descending order based on machine capacity. This means that machines with higher capacity will be displayed first, followed by those with lower capacity. This enhancement enables users to quickly identify and prioritize machines with the highest capacity, facilitating efficient capacity management and allocation.



Ultriva Lean Suite QA 10.5

Actions > Orders In Production > Machine Capacity Management

Select Operation: All Operations x Machine: All Machines x Select Schedule Date: 05/24/2023 Filter By

Available Run Time: 6 Hour(s) and 22 Minute(s)

Active Orders Machine Capacity Management Machine Reassignment View Orders By Item Completed Orders

Machine	Machine Description	Operation Name	Total Orders	Ideal Run Rate
Machine1	Machine1	Operation1	20	2.00000 Hours
MachColour2	MachColour2	Op210522_1	280	4.00000 PiecesPerHour
MachColour1	MachColour1	Op210522	117	4.00000 PiecesPerHour
NewMach2	NewMach2	opmult2	9	2.00000 Hours
Mac1	Mac1	OP1	113	10.00000 PiecesPerMinute
Mac1	Mac1	opmult1	76	10.00000 PiecesPerMinute
Mac260822_1	Mac260822_1	OP260822_1	2	5.00000 Minutes
Mac260822_1	Mac260822_1	OP260822	1	5.00000 Minutes
Mac260822	Mac260822	OP260822_1	8	45.00000 PiecesPerHour
Mac260822	Mac260822	OP260822	2	45.00000 PiecesPerHour
Mac2	Mac2	OP2	176	20.00000 PiecesPerMinute
Mac3	Mac3	OP3	80	30.00000 PiecesPerMinute

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LFM Performance Improvements

There are significant performance enhancements for all LFM screens. Our team conducted a detailed analysis and profiling of each individual screen, identifying areas for improvement to optimize loading times and overall performance.

Key Highlights:

- **Faster Loading:** Through careful optimization, we have significantly reduced the loading times for all LFM screens. Users can now experience a smoother and more efficient workflow, with screens loading quickly and responsively.
- **Streamlined Calculations:** Unnecessary calculations during screen loading have been eliminated, resulting in a more streamlined and efficient process. This optimization has reduced the processing overhead and improved the overall responsiveness of the application.

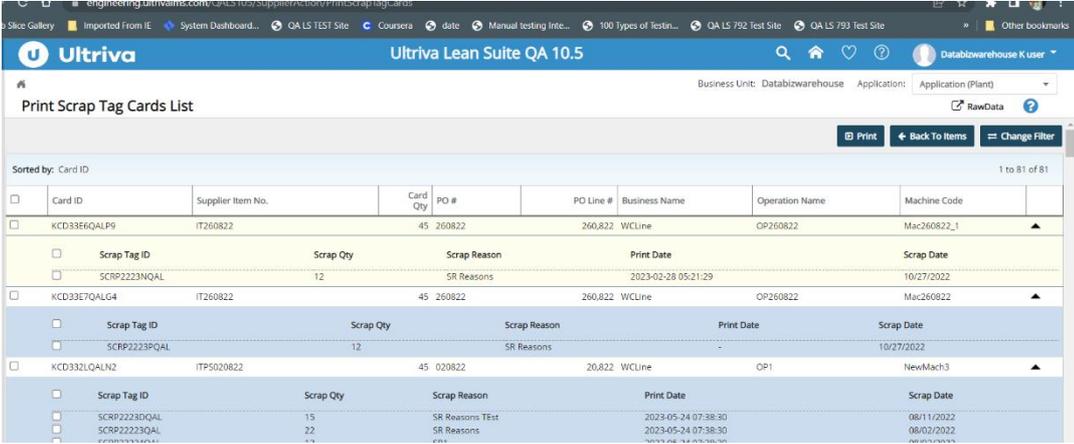
These performance improvements aim to provide a seamless user experience, enabling users to accomplish tasks more swiftly and effectively in the LFM application. We remain committed to continuously enhancing the performance and usability of our software to meet and exceed user expectations.

Print Scrap Tag Improvement

In the Print Scrap Tag cards list, we have implemented a user-friendly enhancement. Now, when users access the list, all cards will be displayed in an expanded view by default. This means that users will be able to see all the associated scrap tags without the need to click on the expand arrow located at the right of each card.

By presenting the scrap tags directly on the expanded view, we aim to improve efficiency and reduce the need for additional clicks, enabling users to quickly access the information they need.

This enhancement simplifies the workflow and enhances the user experience in navigating the Print Scrap Tag cards list. We are committed to continuously improving our application to meet user needs and deliver a seamless experience.



Card ID	Supplier Item No.	Card Qty	PO #	PO Line #	Business Name	Operation Name	Machine Code															
KCD33E6QALP9	IT260822	45	260822	260,822	WCLine	OP260822	Mac260822_1															
<table border="1"> <thead> <tr> <th>Scrap Tag ID</th> <th>Scrap Qty</th> <th>Scrap Reason</th> <th>Print Date</th> <th>Scrap Date</th> </tr> </thead> <tbody> <tr> <td>SCR2223NQAL</td> <td>12</td> <td>SR Reasons</td> <td>2023-02-28 05:21:29</td> <td>10/27/2022</td> </tr> </tbody> </table>								Scrap Tag ID	Scrap Qty	Scrap Reason	Print Date	Scrap Date	SCR2223NQAL	12	SR Reasons	2023-02-28 05:21:29	10/27/2022					
Scrap Tag ID	Scrap Qty	Scrap Reason	Print Date	Scrap Date																		
SCR2223NQAL	12	SR Reasons	2023-02-28 05:21:29	10/27/2022																		
KCD33E7QALG4	IT260822	45	260822	260,822	WCLine	OP260822	Mac260822															
<table border="1"> <thead> <tr> <th>Scrap Tag ID</th> <th>Scrap Qty</th> <th>Scrap Reason</th> <th>Print Date</th> <th>Scrap Date</th> </tr> </thead> <tbody> <tr> <td>SCR2223NQAL</td> <td>12</td> <td>SR Reasons</td> <td>-</td> <td>10/27/2022</td> </tr> </tbody> </table>								Scrap Tag ID	Scrap Qty	Scrap Reason	Print Date	Scrap Date	SCR2223NQAL	12	SR Reasons	-	10/27/2022					
Scrap Tag ID	Scrap Qty	Scrap Reason	Print Date	Scrap Date																		
SCR2223NQAL	12	SR Reasons	-	10/27/2022																		
KCD332LQALN2	ITF5020822	45	020822	20,822	WCLine	OP1	NewMach3															
<table border="1"> <thead> <tr> <th>Scrap Tag ID</th> <th>Scrap Qty</th> <th>Scrap Reason</th> <th>Print Date</th> <th>Scrap Date</th> </tr> </thead> <tbody> <tr> <td>SCR2223DQAL</td> <td>15</td> <td>SR Reasons Test</td> <td>2023-05-24 07:38:30</td> <td>08/11/2022</td> </tr> <tr> <td>SCR22223QAL</td> <td>22</td> <td>SR Reasons</td> <td>2023-05-24 07:38:30</td> <td>08/02/2022</td> </tr> </tbody> </table>								Scrap Tag ID	Scrap Qty	Scrap Reason	Print Date	Scrap Date	SCR2223DQAL	15	SR Reasons Test	2023-05-24 07:38:30	08/11/2022	SCR22223QAL	22	SR Reasons	2023-05-24 07:38:30	08/02/2022
Scrap Tag ID	Scrap Qty	Scrap Reason	Print Date	Scrap Date																		
SCR2223DQAL	15	SR Reasons Test	2023-05-24 07:38:30	08/11/2022																		
SCR22223QAL	22	SR Reasons	2023-05-24 07:38:30	08/02/2022																		

Assign Operation to Route Improvement

In the Assign Operation to Route page, we have implemented an enhancement based on user preferences. Starting now, the number of records displayed on the page will always align with the value configured in the User Preference settings. Previously, the default display was set to 25 records.

By accommodating the user's preferred number of records, we aim to improve usability and provide a customized experience tailored to individual needs. This change eliminates the need for users to manually adjust the number of records displayed, saving time and effort.

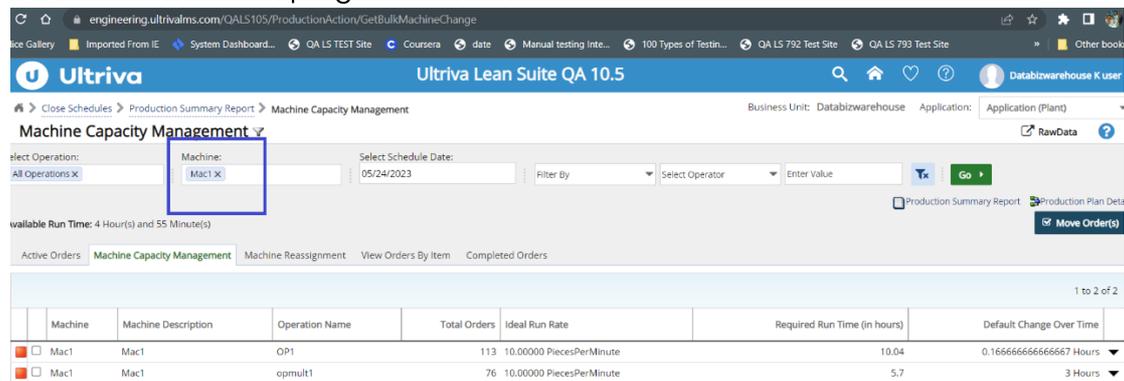
We value user feedback and strive to make continuous improvements to enhance the overall user experience.

Production Summary Report Filter Improvement

In the Production Summary Report, also known as the Capacity Utilization Report, we have introduced a convenient enhancement related to the machine filter. When a user applies a machine filter on the Production Summary Report screen and clicks on the "Manage" link (Grid), they will be automatically redirected to the Machine Capacity Management screen for that specific day.

Furthermore, the machine filter selected in the Production Summary Report will be preserved in the Machine Capacity Management screen. This means that users can seamlessly transition to managing machine capacities while maintaining the same machine filter they had applied in the report. This improvement eliminates the need for users to reapply the filter, saving time and effort.

We continuously strive to improve usability and provide a seamless experience across different screens in our application. Your feedback and suggestions are instrumental in shaping these enhancements.



Machine Capacity Management

available Run Time: 4 Hour(s) and 55 Minute(s)

Machine	Machine Description	Operation Name	Total Orders	Ideal Run Rate	Required Run Time (in hours)	Default Change Over Time
Mac1	Mac1	OP1	113	10.00000 PiecesPerMinute	10.04	0.166666666666667 Hours
Mac1	Mac1	opmult1	76	10.00000 PiecesPerMinute	5.7	3 Hours

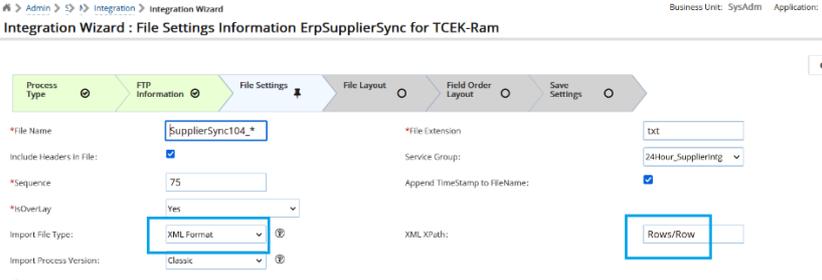
Add support for XML in APIs

seamless integration with external systems or partners.

To leverage the XML format specifically, follow these steps:

1. Edit the DataIN or DataOut job.
2. Set the Import File Type as "XML Format".
3. Specify the XML XPath as "Rows/Row" or as per your specific XML structure.
4. Save the changes to the job configuration.

This enhancement enables flexible data exchange and facilitates integration with systems that rely on JSON or XML formats. We continue to enhance our platform to support diverse data requirements and offer seamless interoperability.



Integration Wizard : File Settings Information ErpSupplierSync for TCEK-Ram

Business Unit: Sys/Adm Application: A1

Process Type: FTP Information File Settings File Layout Field Order Layout Save Settings

File Name: SupplierSync104_

*File Extension: txt

Include Headers in File:

Service Group: 24Hour_Suppliering

*Sequence: 75

Append TimeStamp to FileName:

*IsOverlay: Yes

Import File Type: XML Format

XML XPath: Rows/Row

Import Process Version: Classic

Alerts

We are excited to introduce a new tool called "Convert File Data to JSON" in our system. This tool provides the ability to convert any flat file associated with a job to JSON or XML format.

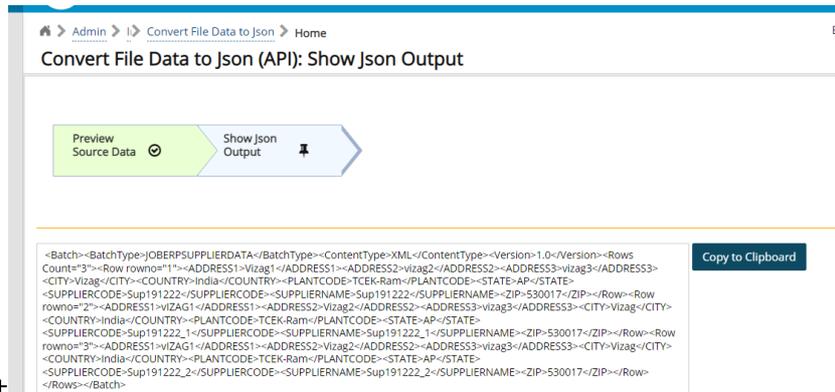
Key Features of the "Convert File Data to JSON" Tool:

- **Flexibility:** The tool supports the conversion of various flat file formats to JSON or XML, enabling compatibility with a wide range of data sources.
- **Seamless Integration:** By converting flat file data to JSON or XML, the tool facilitates seamless integration with other systems or platforms that rely on these formats.
- **Customization Options:** Users can configure the tool to define the desired structure and formatting options for the generated JSON or XML output.

To utilize this tool:

1. Access the "Convert File Data to JSON" tool in our system.
2. Specify the flat file associated with the job that you want to convert.
3. Choose the desired output format (JSON or XML).
4. Configure any additional options or settings for the conversion process.
5. Initiate the conversion process and obtain the converted JSON or XML file.

This tool empowers users to efficiently transform flat file data into JSON or XML formats, enhancing interoperability and data exchange capabilities within your organization. We are dedicated to providing versatile tools that simplify data processing and improve system integration.



Admin > Tools > Bulk Tools > Convert File Data to Json > Home

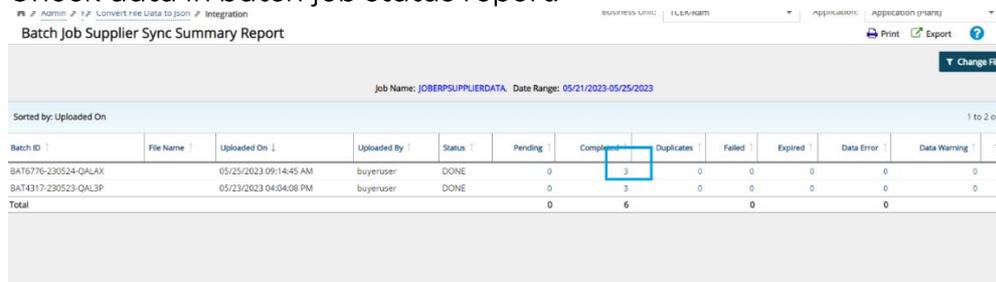
Convert File Data to Json (API): Show Json Output

Preview Source Data → Show Json Output

Copy to Clipboard

```
<Batch-->{
  "BatchType": "JOBERSUPPLIERDATA",
  "BatchType": "Content",
  "ContentType": "XML",
  "Version": "1.0",
  "Rows": 3,
  "Row": 1,
  "Address1": "Vizag1",
  "Address2": "Vizag2",
  "Address3": "Vizag3",
  "City": "Vizag",
  "Country": "India",
  "PlantCode": "TCEK-Ram",
  "State": "AP",
  "SupplierCode": "Sup191222",
  "SupplierName": "Sup191222",
  "Zip": "530017",
  "Row": 2,
  "Address1": "Vizag1",
  "Address2": "Vizag2",
  "Address3": "Vizag3",
  "City": "Vizag",
  "Country": "India",
  "PlantCode": "TCEK-Ram",
  "State": "AP",
  "SupplierCode": "Sup191222_1",
  "SupplierName": "Sup191222_1",
  "Zip": "530017",
  "Row": 3,
  "Address1": "Vizag1",
  "Address2": "Vizag2",
  "Address3": "Vizag3",
  "City": "Vizag",
  "Country": "India",
  "PlantCode": "TCEK-Ram",
  "State": "AP",
  "SupplierCode": "Sup191222_2",
  "SupplierName": "Sup191222_2",
  "Zip": "530017"
}
```

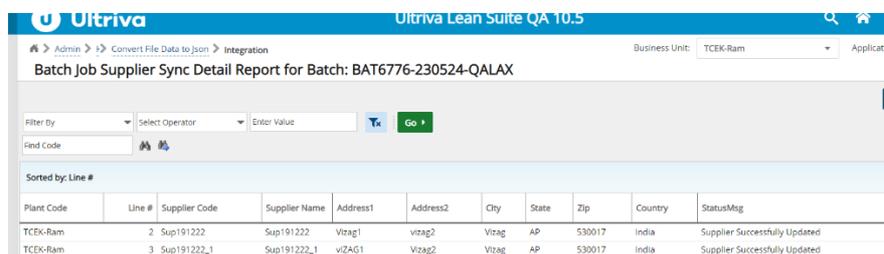
Check data in batch job status report.



Batch Job Supplier Sync Summary Report

Job Name: JOBERSUPPLIERDATA Date Range: 05/21/2023-05/25/2023

Batch ID	File Name	Uploaded On	Uploaded By	Status	Pending	Completed	Duplicates	Failed	Expired	Data Error	Data Warning
BAT6776-230524-QALAX		05/25/2023 09:14:45 AM	buyeruser	DONE	0	3	0	0	0	0	0
BAT4317-230523-QAL3P		05/23/2023 04:04:08 PM	buyeruser	DONE	0	3	0	0	0	0	0
Total					0	6	0	0	0	0	0



Batch Job Supplier Sync Detail Report for Batch: BAT6776-230524-QALAX

Plant Code	Line #	Supplier Code	Supplier Name	Address1	Address2	City	State	Zip	Country	StatusMsg
TCEK-Ram	2	Sup191222	Sup191222	Vizag1	Vizag2	Vizag	AP	530017	India	Supplier Successfully Updated
TCEK-Ram	3	Sup191222_1	Sup191222_1	Vizag1	Vizag2	Vizag	AP	530017	India	Supplier Successfully Updated

Convert Flat File to JSON/XML format

We are excited to introduce a new tool in the Admin section of our application. The tool, located under the path Admin > Tools > Bulk Tools, enables the conversion of flat files associated with configured jobs to JSON or XML formats based on the job's configuration.

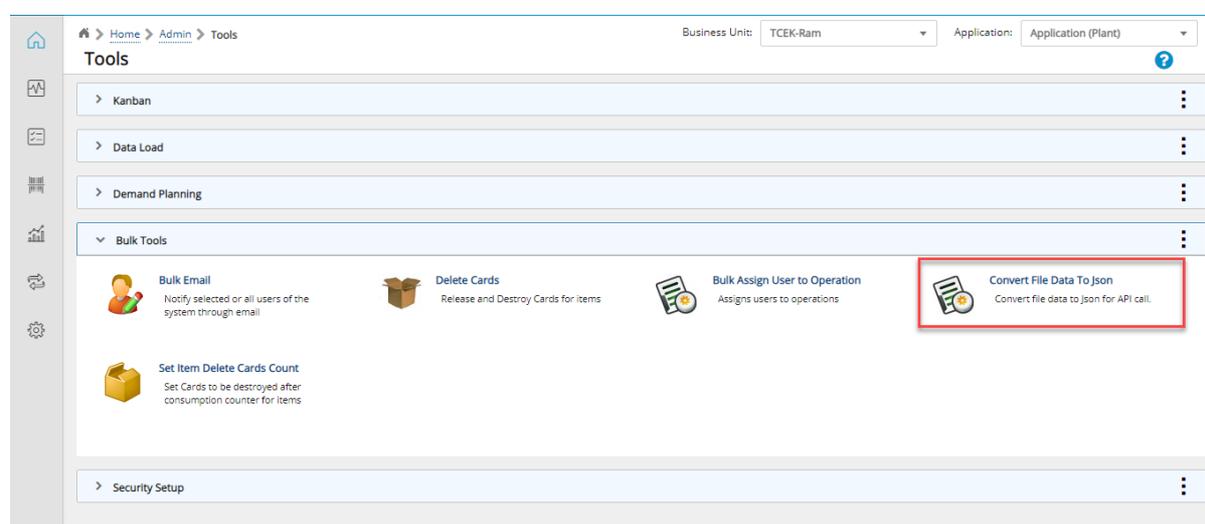
Key Features of the Bulk File Conversion Tool:

- **File Conversion:** The tool allows users to convert flat files to either JSON or XML format, depending on the configuration of the associated job.
- **Configurable Jobs:** Users can configure specific jobs within the application, specifying the desired output format (JSON or XML) for the file conversion process.
- **Streamlined Workflow:** The tool streamlines the conversion process, eliminating the need for manual conversion or third-party tools.

To utilize the Bulk File Conversion Tool:

1. Navigate to the Admin section of the application.
2. Access the Tools menu and select Bulk Tools.
3. Locate and select the Bulk File Conversion Tool.
4. Identify the job associated with the flat file you wish to convert.
5. Configure the job to specify the desired output format (JSON or XML) for the conversion.
6. Initiate the conversion process, and the tool will generate the converted file in the specified format.

This new tool offers a convenient and centralized approach to convert flat files to JSON or XML formats, aligning with the job configurations within the application. It simplifies the conversion process, providing users with greater flexibility and enhancing data interchange capabilities.



We have made an update to the Bulk File Conversion Tool to ensure it aligns with the Import File Type configuration of the selected batch job. By default, the tool exports files as JSON. However, when the selected batch job has the Import File Type set to XML, the tool will now generate an XML file with the converted data.

This enhancement allows for seamless integration with batch jobs that require XML data, ensuring compatibility and consistency with the specified Import File Type. Whether the job expects JSON or XML input, the Bulk File Conversion Tool will generate the corresponding format, simplifying the file conversion process.

Users can rely on the tool to produce the appropriate file format based on the configuration of the selected batch job, streamlining data interchange and facilitating integration with downstream processes or systems.

We strive to enhance our tools to meet user requirements and provide a smooth experience when working with various file formats in our application.

Admin > Convert File Data to Json > Home
BL

Convert File Data to Json (API): Show Json Output

Preview Source Data

➔

Show Json Output

```

<Batch>=<BatchType>-JOBERSUPPLIERDATA</BatchType><ContentType>XML</ContentType><Version>1.0</Version><Rows
Count>3</><Row rowno="1"><ADDRESS1>Vizag1</ADDRESS1><ADDRESS2>vizag2</ADDRESS2><ADDRESS3>vizag3</ADDRESS3>
<CITY>Vizag</CITY><COUNTRY>India</COUNTRY><PLANTCODE>TCEK-Ram</PLANTCODE><STATE>AP</STATE>
<SUPPLIERCODE>Sup191222</SUPPLIERCODE><SUPPLIERNAME>Sup191222</SUPPLIERNAME><ZIP>530017</ZIP></Row><Row
rowno="2"><ADDRESS1>VIZAG1</ADDRESS1><ADDRESS2>Vizag2</ADDRESS2><ADDRESS3>vizag3</ADDRESS3><CITY>Vizag</CITY>
<COUNTRY>India</COUNTRY><PLANTCODE>TCEK-Ram</PLANTCODE><STATE>AP</STATE>
<SUPPLIERCODE>Sup191222_1</SUPPLIERCODE><SUPPLIERNAME>Sup191222_1</SUPPLIERNAME><ZIP>530017</ZIP></Row><Row
rowno="3"><ADDRESS1>VIZAG1</ADDRESS1><ADDRESS2>Vizag2</ADDRESS2><ADDRESS3>vizag3</ADDRESS3><CITY>Vizag</CITY>
<COUNTRY>India</COUNTRY><PLANTCODE>TCEK-Ram</PLANTCODE><STATE>AP</STATE>
<SUPPLIERCODE>Sup191222_2</SUPPLIERCODE><SUPPLIERNAME>Sup191222_2</SUPPLIERNAME><ZIP>530017</ZIP></Row>
</Rows></Batch>

```

Copy to Clipboard

Expanded support for Single Sign-On (SSO) using the SAML 2.0 protocol

With this update, administrators can now easily configure SSO providers for plants or Work centers, enabling users to log in to the application using their SSO credentials.

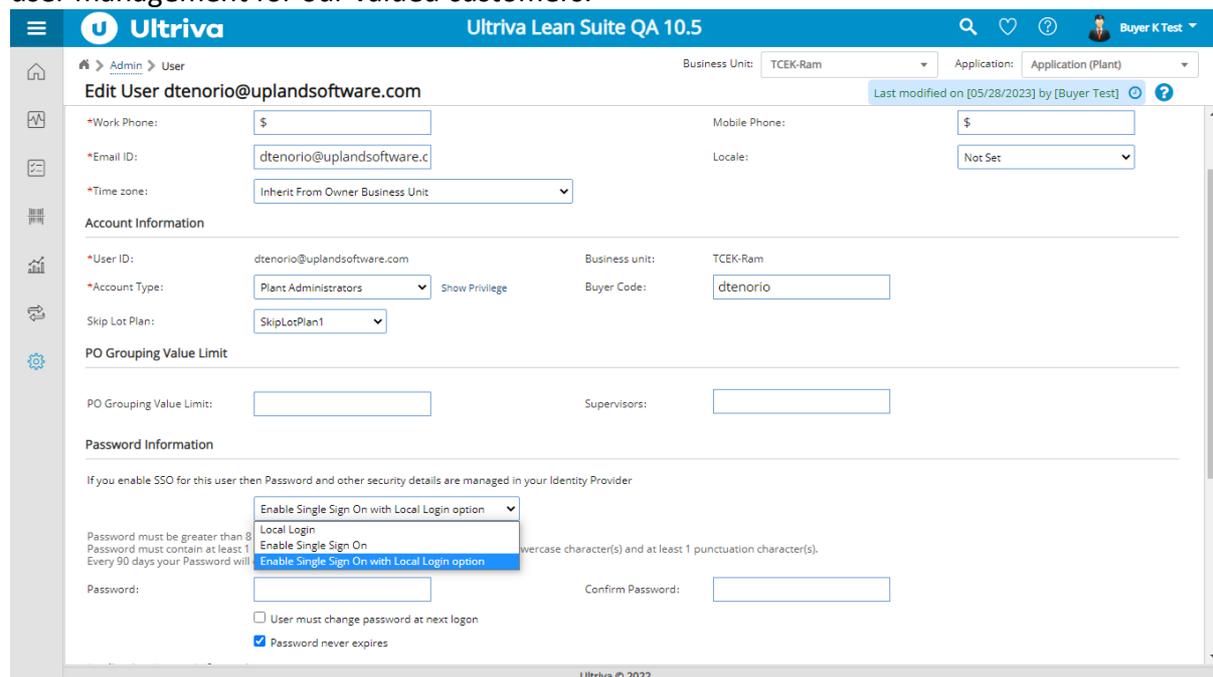
User SSO Setup:

To configure SSO login for a user, administrators need to set up the corresponding SSO provider for the plant or Work center. Once the SSO configuration is established, the user setup screen will reflect the following information in the Password Information section:

"If you enable SSO for this user, then the Password and other security details are managed in your Identity Provider."

By enabling SSO for a user, the application seamlessly integrates with the designated Identity Provider, ensuring that password and security management is handled within the SSO environment. This simplifies user access management and improves security through centralized identity management.

We are dedicated to providing robust authentication options and streamlining user experiences. The expanded support for SSO using SAML 2.0 enhances security and simplifies user management for our valued customers.



The screenshot shows the 'Edit User' interface for the user `dtenorio@uplandsoftware.com`. The 'Password Information' section is expanded, displaying a dropdown menu with the following options: 'Enable Single Sign On with Local Login option', 'Local Login', 'Enable Single Sign On', and 'Enable Single Sign On with Local Login option'. The selected option is 'Enable Single Sign On with Local Login option'. Below the dropdown, there are fields for 'Password' and 'Confirm Password', and checkboxes for 'User must change password at next logon' and 'Password never expires'.

To enable users to log in via an SSO provider, please select one of the following options:

1. Enable Single Sign-On (SSO): By selecting this option, users will be able to log in exclusively using their SSO credentials. Local login using a username and password will be disabled for these users.

2. Enable Single Sign-On with Local Login Option: Choosing this option allows users to log in using either their SSO credentials or a local username and password. Users will have the flexibility to choose between SSO login or traditional local login.

These options provide flexibility in user authentication methods, allowing administrators to configure the desired login experience based on their requirements and user preferences.

Bypass Login Screen

When the client has a single SSO identity provider for the entire company, there is a URL available that allows users to bypass the regular login screen and directly initiate the SSO identity provider authentication process.

If the user has the SAML protocol enabled (`SSO_CONFIG_MODE = S`), the route to access the SSO authentication process will be:

...

`/UltrivaSAMLSSO/Login`

...

For example:

...

`https://engineering.ultrivalms.com/QALS105//UltrivaSAMLSSO/Login`

...

If the user has the WS-Fed protocol enabled (`SSO_CONFIG_MODE = W`), the route to access the SSO authentication process will be:

...

`/UltrivaSSO/Login`

...

For example:

...

`https://engineering.ultrivalms.com/QALS105//UltrivaSSO/Login`

...

By directly accessing this URL, the regular login page will not be displayed. Instead, the user will be automatically redirected to the company's SSO identity provider authentication process.

This streamlined authentication flow improves user experience and facilitates seamless integration with the company's SSO infrastructure.

Main SSO Configuration

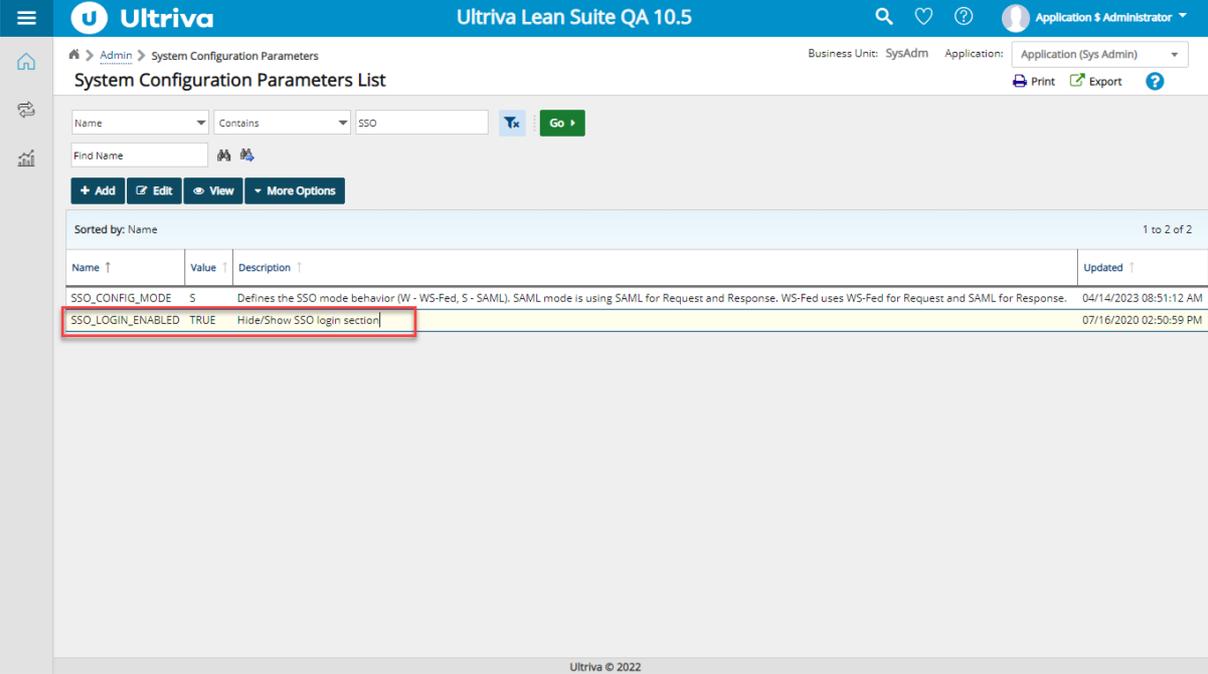
Within the System Configuration Parameters, you will find the SSO_LOGIN_ENABLED setting, which provides the option to hide or show a checkbox on the login screen. This checkbox allows users to choose whether to use SSO for logging in. By default, the value of this setting is set to TRUE, meaning the checkbox will be visible on the login screen.

Key Setting: SSO_LOGIN_ENABLED

- Default Value: TRUE
- Functionality: Determines the visibility of the SSO checkbox on the login screen.
- TRUE: The checkbox allowing users to use SSO for login will be displayed on the login screen.
- FALSE: The checkbox will be hidden, preventing users from selecting the SSO option for login.

Administrators can modify this setting based on their organization's requirements. If SSO is the preferred method of authentication and no other login options are needed, setting SSO_LOGIN_ENABLED to FALSE will remove the checkbox, streamlining the login process.

We aim to provide flexibility and customization options to meet diverse user needs, and this setting allows organizations to tailor the login experience according to their specific SSO implementation.



The screenshot displays the 'System Configuration Parameters List' in the Ultriva Lean Suite QA 10.5. The search filter is set to 'SSO'. The table below shows the configuration parameters:

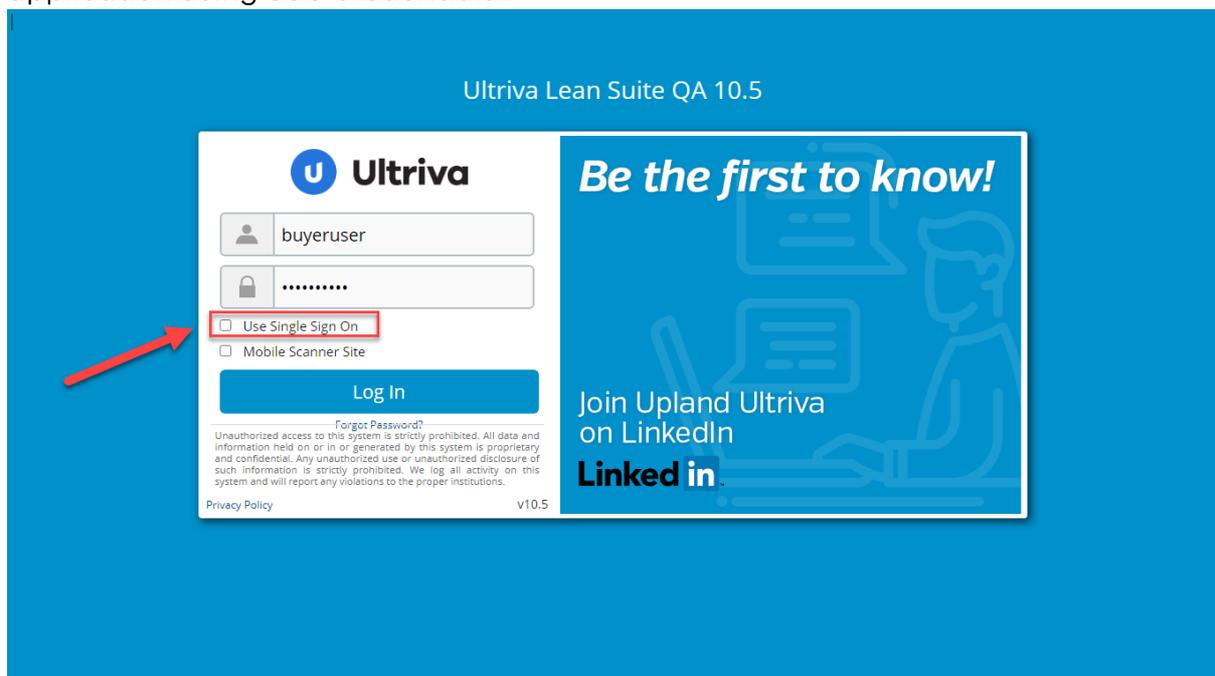
Name	Value	Description	Updated
SSO_CONFIG_MODE	S	Defines the SSO mode behavior (W - WS-Fed, S - SAML). SAML mode is using SAML for Request and Response. WS-Fed uses WS-Fed for Request and SAML for Response.	04/14/2023 08:51:12 AM
SSO_LOGIN_ENABLED	TRUE	Hide/Show SSO login section	07/16/2020 02:50:59 PM

We have implemented a Single Sign-On (SSO) checkbox on the login screen to provide a convenient option for users to utilize SSO authentication. When the user clicks on the checkbox, the password field will be automatically disabled, indicating that SSO authentication is being enabled.

To proceed with SSO login, the user should enter the Ultriva username associated with their SSO-enabled account in the designated user field. This Ultriva username is configured in the User Configuration settings.

By selecting the SSO checkbox and entering the appropriate Ultriva username, users can seamlessly initiate the SSO authentication process and access the application without entering a password.

This enhancement simplifies the login experience for users who have SSO enabled, streamlining the authentication process and ensuring a seamless transition to the application using SSO credentials.



SAML Protocol

Initial Configuration

The System Configuration Parameters include the SSO_CONFIG_MODE setting, which allows administrators to define the SSO protocol used in the system. By default, this setting is set to "W" (WS-Federation Protocol). To change the SSO protocol to "S" (SAML), follow the steps below:

1. Press the "Edit" button next to the SSO_CONFIG_MODE setting.
2. Change the value to "S" to enable the SAML protocol.
3. Save the changes to the configuration.

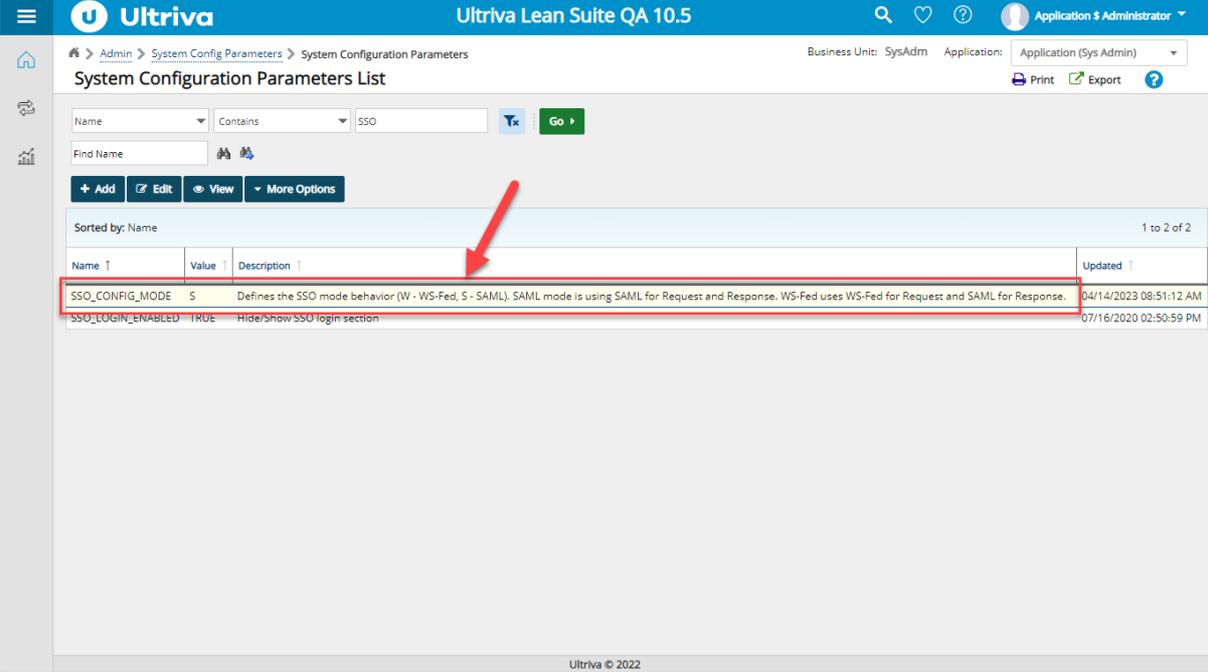
After saving the updated SSO_CONFIG_MODE value, it is necessary to recycle the App Pool in IIS to ensure the refreshed list items take effect. This process refreshes the application pool, ensuring the updated configuration settings, including the SSO protocol, are applied correctly.

Recycling the App Pool typically involves the following steps:

1. Access the Internet Information Services (IIS) Manager.
2. Locate the application pool associated with the Ultriva application.
3. Right-click on the application pool and select "Recycle" to refresh it.

Recycling the App Pool helps ensure a smooth transition to the updated SSO configuration and allows the system to reflect the changed SSO protocol correctly.

Please note that making changes to the system configuration parameters requires appropriate administrative access and should be performed by authorized personnel familiar with the configuration process.



The screenshot displays the 'System Configuration Parameters List' in the Ultriva Lean Suite QA 10.5. The interface includes a search bar with 'SSO' entered and a 'Go' button. Below the search bar are buttons for '+ Add', 'Edit', 'View', and 'More Options'. The table below is sorted by Name and contains two rows:

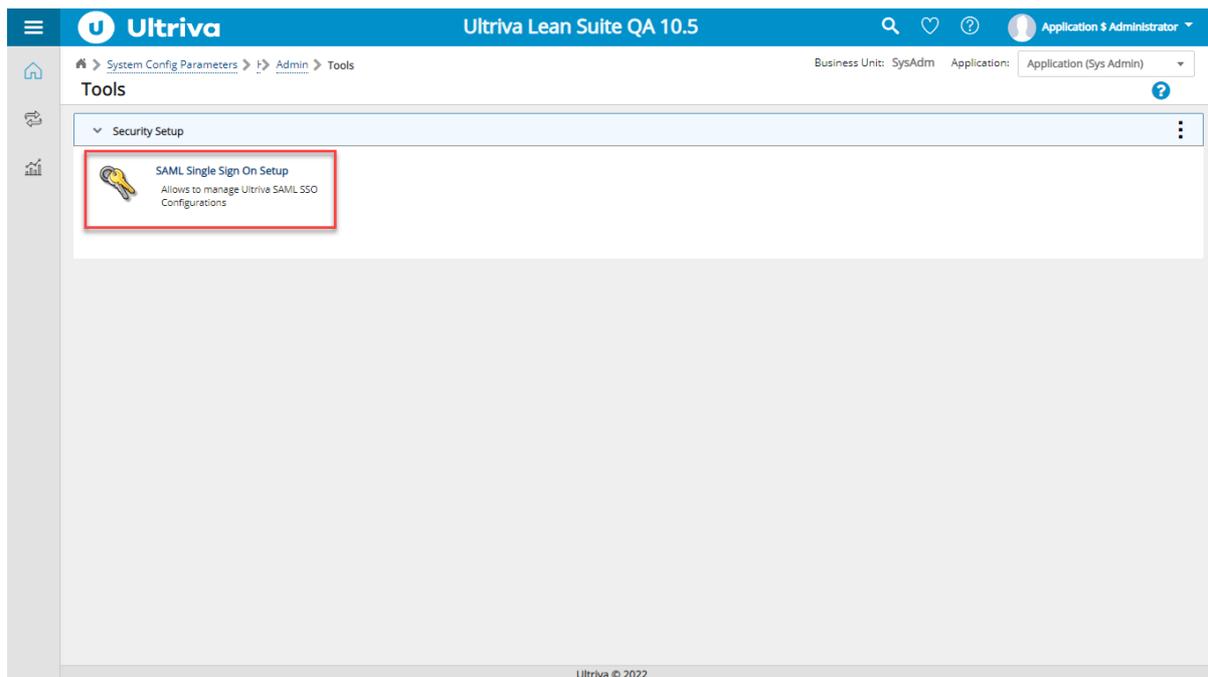
Name	Value	Description	Updated
SSO_CONFIG_MODE	S	Defines the SSO mode behavior (W - WS-Fed, S - SAML). SAML mode is using SAML for Request and Response. WS-Fed uses WS-Fed for Request and SAML for Response.	04/14/2023 08:51:12 AM
SSO_LOGIN_ENABLED	TRUE	Hide/show SSO login section	07/16/2020 02:50:59 PM

When the SSO_CONFIG_MODE is set to "S" (SAML), the Admin/Tools/Security Setup menu item will display the SAML SSO configuration setting, while the SSO Configuration for WS-Federation will be hidden. This ensures that the appropriate SSO configuration options are presented based on the selected SSO protocol.

By navigating to the Admin/Tools/Security Setup menu item, administrators will have access to the SAML SSO configuration settings, allowing them to configure and manage SAML-specific SSO integration.

The hiding of the WS-Federation SSO configuration options helps streamline the configuration process by presenting only the relevant options based on the chosen SSO protocol.

This approach ensures a clear and intuitive configuration experience, simplifying the setup of SSO for the SAML protocol and avoiding confusion between different SSO protocols within the system.



SSO Configuration

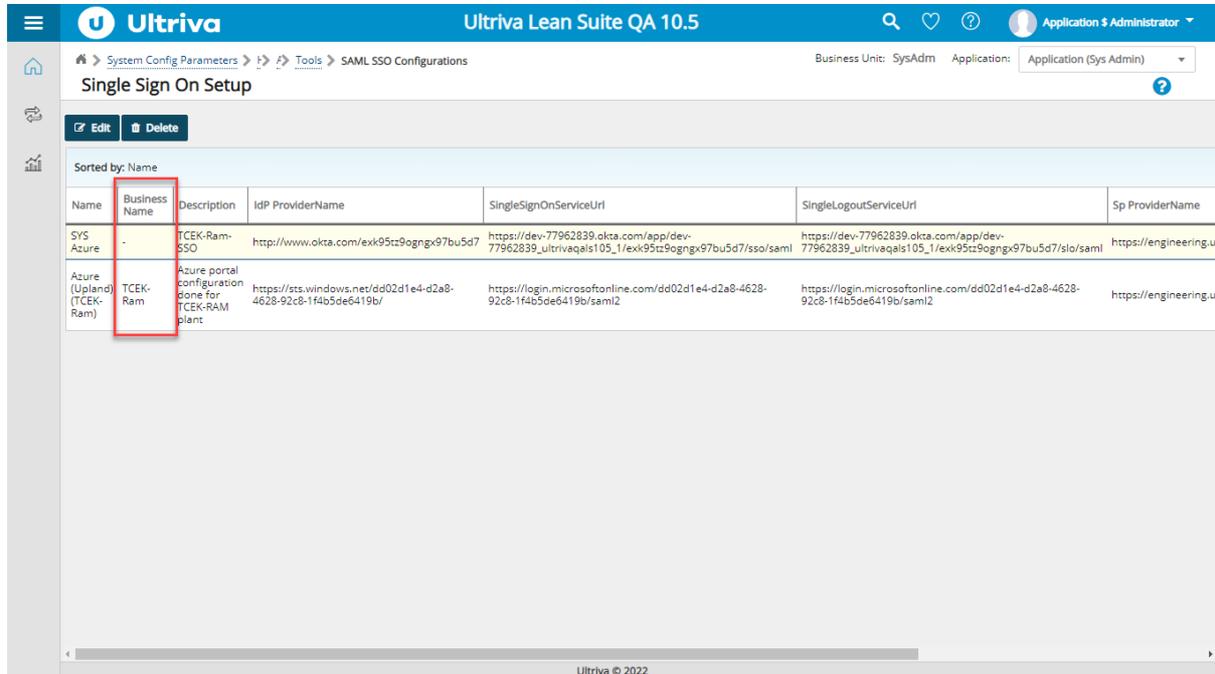
Within the SAML Single Sign-On Setup menu item, users will be presented with a list of available configurations for SAML SSO. Ultriva offers users the flexibility to configure a system-wide SAML SSO configuration that applies to all users in the application. Additionally, users have the option to define specific configurations per business unit.

When a user logs in to LeanSuite using SSO, the system determines the associated Business Unit for that user. If the Business Unit has a configured SSO Configuration, the system will utilize that specific configuration for the login operation. However, if there is no configuration set for the Business Unit, the system will fallback to the system-wide configuration for the login process.

Please note the following important points regarding SSO configurations:

1. One Configuration per Business Unit: The system allows only one SSO configuration per business unit, ensuring a clear association between configurations and specific units.
2. One Configuration for the Whole System: The system also permits one configuration that applies system-wide.
3. System Administrator Access: System Administrators have the ability to view, edit, and delete all SSO configurations, including both system-wide and business unit-specific configurations.
4. Business Name Indication: In the resulting grid that displays all configurations, the Business Name column indicates the business unit associated with each configuration. A dash "-" is used to indicate system-wide configurations.

This configuration setup provides administrators with control over SSO settings at both the system-wide and business unit levels, ensuring flexibility and ease of management. By associating specific configurations with business units, administrators can tailor SSO authentication to meet the needs of individual units within the organization.



In the screenshot, there is one system-wide SSO setting configured for Okta, and one business unit-specific setting for the TCEK-Ram plant. These settings can be customized for plants and/or Workcenters based on your specific requirements.

Creating a New Configuration:

When creating a new SSO configuration, users will have access to a set of fields to configure according to the Identity Provider settings. The fields provided in the Identity Provider Configuration section include all available settings provided by the Identity Provider.

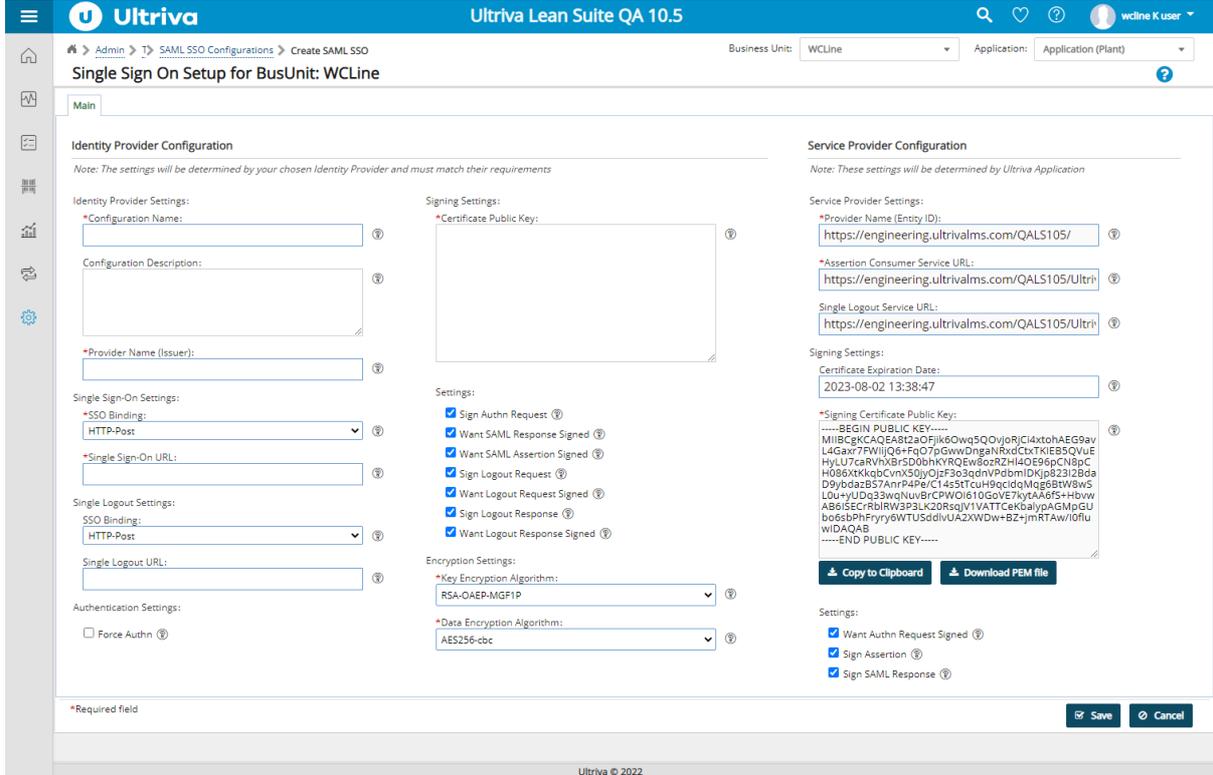
Key Configuration Fields:

1. Configuration Name: A unique name assigned to the SSO configuration within the Ultriva LeanSuite application.
2. Provider Name: A unique name associated with the SSO provider.
3. Signing Certificate: A string that contains the BEGIN PUBLIC KEY and END PUBLIC KEY tags. This field is used for signature validation and verification purposes.

Please ensure that both the Configuration Name and Provider Name are unique across the Ultriva LeanSuite application to avoid conflicts.

By providing these configuration fields, administrators can customize the SSO settings according to the specifications and requirements of their chosen Identity

Provider. This flexibility ensures compatibility and seamless integration between Ultriva LeanSuite and the Identity Provider's SSO infrastructure.



The Service Provider Configuration section includes all the fields that you need to provide to the Identity Provider to finalize the SAML SSO Configuration. These fields contain the necessary information for the integration between Ultriva LeanSuite and the Identity Provider's SSO infrastructure.

One key field within the Service Provider Configuration is the Signing Certificate Public Key. You have two options for providing this key to the Identity Provider:

1. **PEM File:** You can export the Signing Certificate Public Key as a PEM file from Ultriva LeanSuite. This file can then be uploaded or imported into the Identity Provider's settings. The PEM file contains the necessary information to establish the trust relationship between the Identity Provider and Ultriva LeanSuite.
2. **String Format:** Alternatively, you can copy the Signing Certificate Public Key as a string from Ultriva LeanSuite. This string includes the necessary BEGIN PUBLIC KEY and END PUBLIC KEY tags. You can then save or upload this string in the appropriate field within the Identity Provider's SSO configuration settings.

These options provide flexibility in securely sharing the Signing Certificate Public Key with the Identity Provider, ensuring a seamless and secure SAML SSO integration between Ultriva LeanSuite and the Identity Provider's system.

By providing the Service Provider Configuration details, including the Signing Certificate Public Key, you can effectively finalize the SAML SSO Configuration and

establish a trusted connection between Ultriva LeanSuite and the Identity Provider for secure and seamless user authentication.

Editing an existing configuration

When editing an existing SAML SSO configuration, a new tab will be presented to users, allowing them to configure SAML attributes. These attributes play a crucial role in generating the SAML Assertion once the SAML Response is received from the Identity Provider.

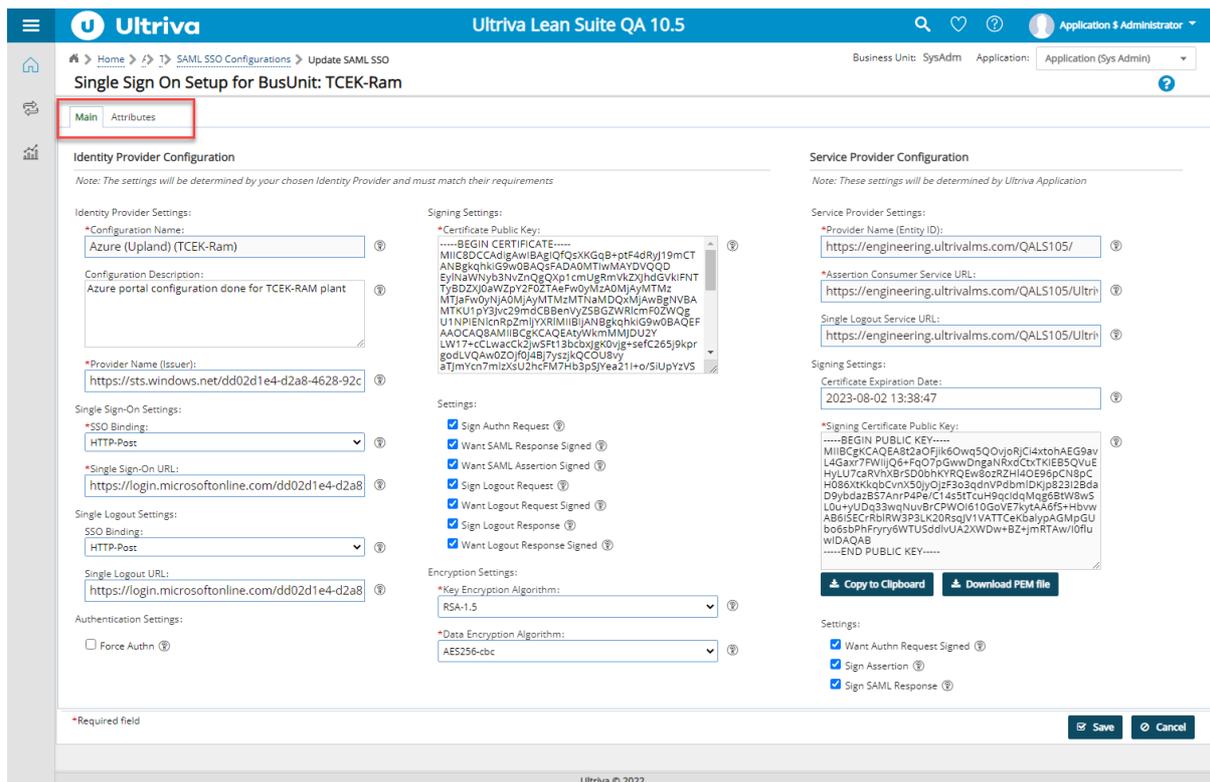
The SAML Attributes tab provides a dedicated space to define and customize the attributes that will be included in the SAML Assertion. These attributes contain specific information about the user and their session, which can be utilized within Ultriva LeanSuite for various purposes.

Within the SAML Attributes tab, users can:

1. Add Attributes: Users can define new attributes by specifying the Attribute Name, Attribute Namespace, and Attribute Value.
2. Modify Attributes: Existing attributes can be edited to update their values or other attributes associated with them.
3. Remove Attributes: If necessary, users can remove attributes that are no longer required.

Configuring these SAML attributes allows for the seamless transfer of relevant user information from the Identity Provider's SSO system to Ultriva LeanSuite. The SAML Assertion, containing the specified attributes, forms the basis of secure authentication and enables personalized experiences within the application.

By providing a dedicated tab for SAML attributes, we enhance the customization and flexibility of the SAML SSO configuration, empowering users to tailor the attributes as per their specific integration requirements.



In the default configuration, Ultriva offers two attributes, namely UserName and Email, which cannot be deleted. These attributes are linked to the Ultriva LoginName field in the EboUser table. When receiving the SAML Response from the Identity Provider, Ultriva searches for the UserName and Email attributes within the response. It then attempts to match these attribute values with the Ultriva LoginName field to identify the corresponding user.

Ultriva provides flexibility for customizing SAML attributes and allows the system to check any unique column in the Ultriva database to identify users. To configure custom SAML attributes or modify the attribute-matching behavior, it is recommended to contact Ultriva Support. The support team will assist you with the specific configuration request, ensuring that the attribute mapping aligns with your requirements and integrates smoothly with your Ultriva deployment.

This level of flexibility and support for custom SAML attribute configuration enhances the compatibility and adaptability of the SAML SSO integration, enabling seamless authentication and personalized user experiences within Ultriva.

Ultriva Ultriva Lean Suite QA 10.5 Application Administrator

Home > Update SAML SSO > Attribute list SAML SSO Business Unit: SysAdm Application: Application (Sys Admin)

SAML Attributes for configuration: Azure (Upland) (TCEK-Ram) and Bus Unit: TCEK-Ram

Main | Attributes + Add Back to SSO Configurations List

1 to 2 of 2

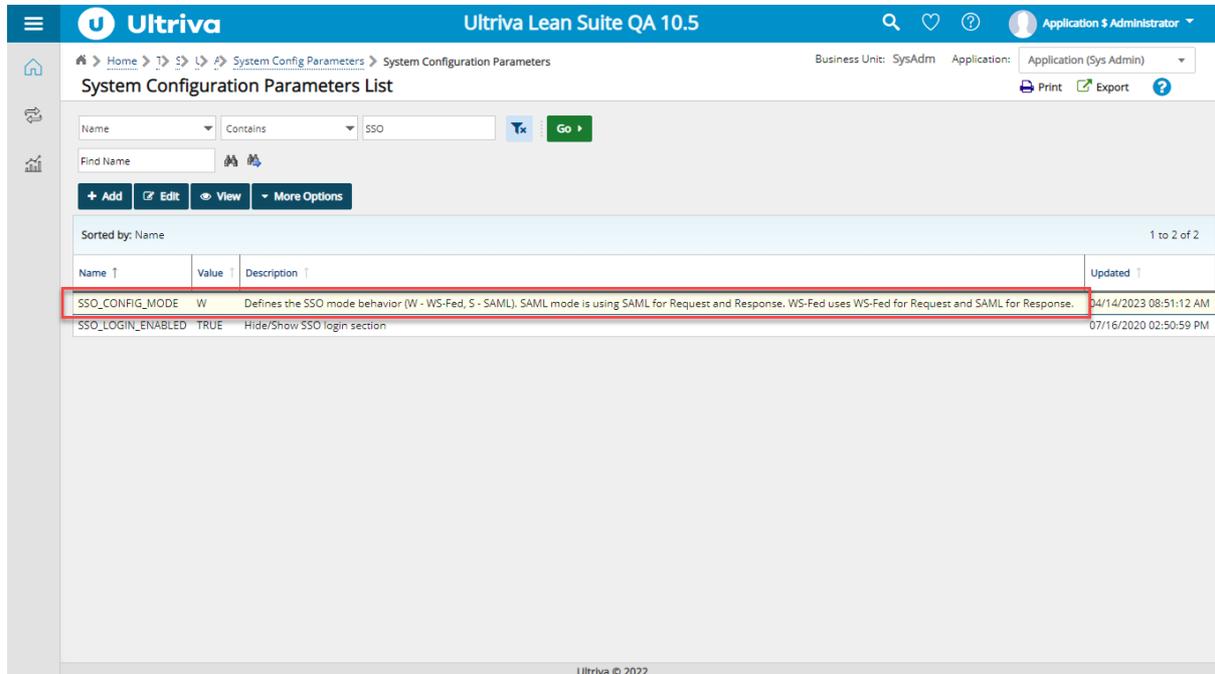
Attribute Name	Ultriva Attribute Field	Attribute Format	Updated	Updated by
UserName	LoginName	urn:oasis:names:tc:SAML:2.0:attrname-format:basic	04/20/2023 07:21:57 PM	engineering@ultriva.com
Email	LoginName	urn:oasis:names:tc:SAML:2.0:attrname-format:basic	04/20/2023 07:21:57 PM	engineering@ultriva.com

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WS-Fed Protocol

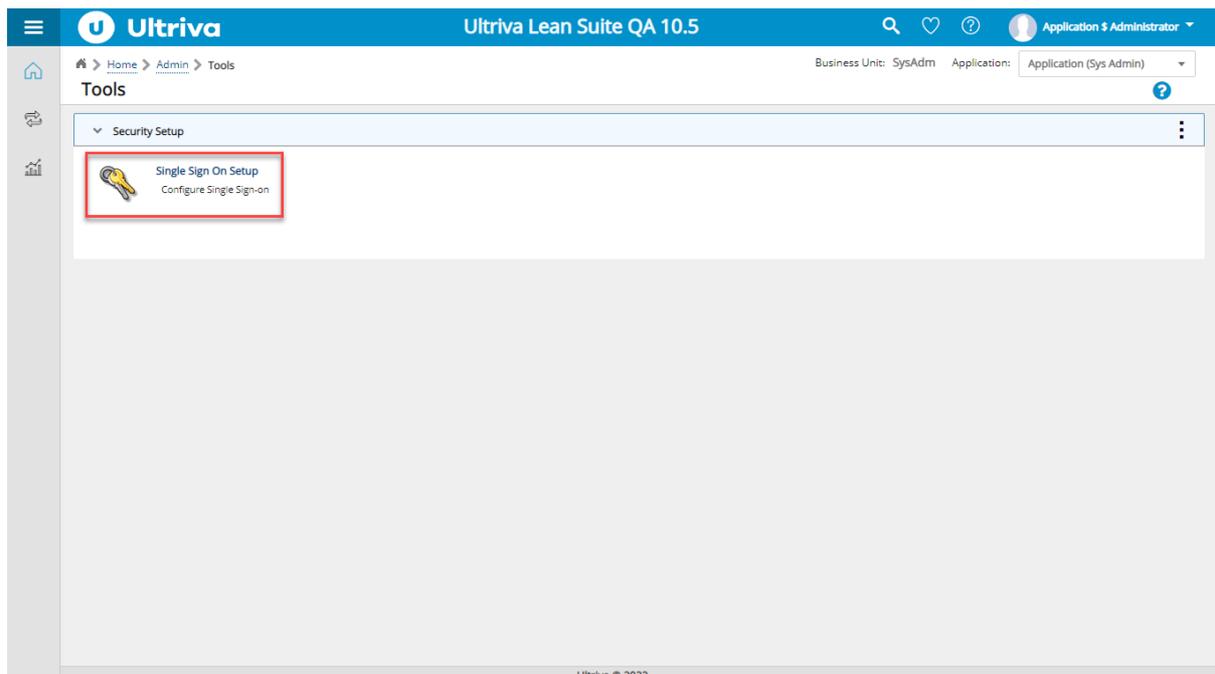
Initial Configuration

System Configuration Parameters offers the SSO_CONFIG_MODE setting to define which SSO protocol is going to be used in the system. By default, this setting is set to W (WS-Federation Protocol). For WS-Federation Protocol you should set its value to W. **Once this is saved, please recycle App Pool in IIS to refresh list items.**



Name	Value	Description	Updated
SSO_CONFIG_MODE	W	Defines the SSO mode behavior (W - WS-Fed, S - SAML). SAML mode is using SAML for Request and Response. WS-Fed uses WS-Fed for Request and SAML for Response.	04/14/2023 08:51:12 AM
SSO_LOGIN_ENABLED	TRUE	Hide/Show SSO login section	07/16/2020 02:50:59 PM

When SSO_CONFIG_MODE is set to S, in the Admin/Tools/Security Setup menu item, the SAML SSO configuration setting will be displayed and the SSO Configuration (For WS-Federation) will be hidden.

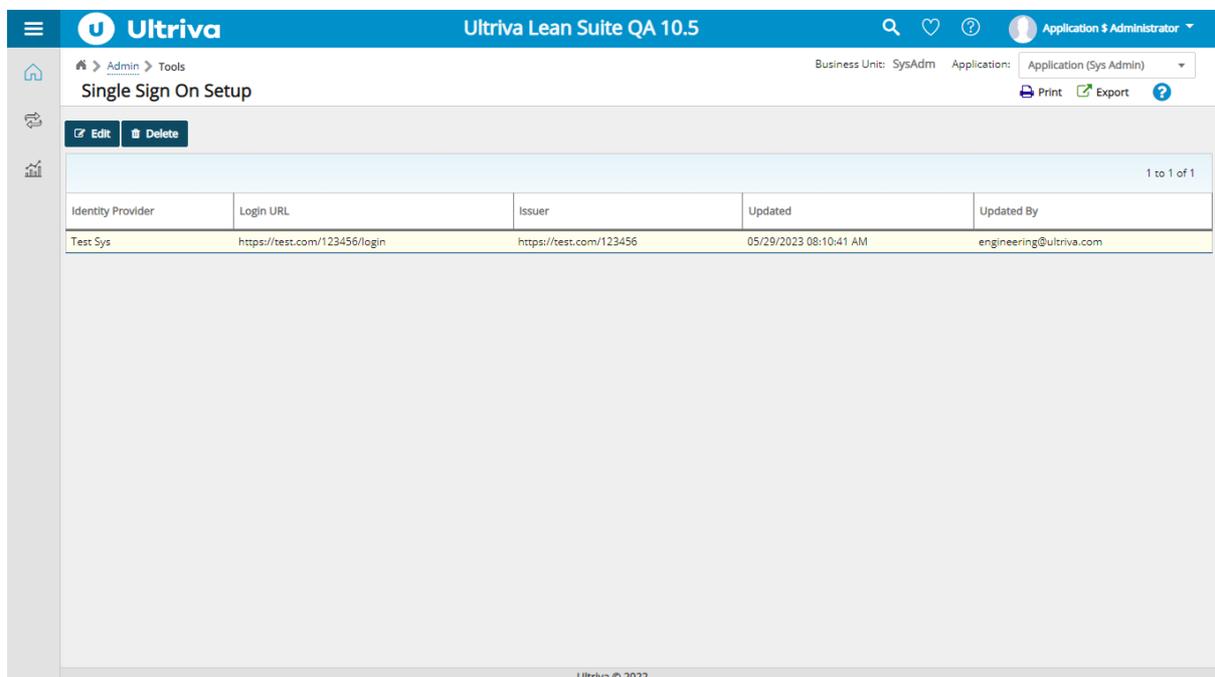


SSO Configuration

Once the user enters to the Single Sign-On Setup menu item, the list of available configurations will be available.

This list will be displaying just one setting (In case it is configured) for the current business unit. Ultriva is offering the users to configure one system wide SSO Configuration that will apply for ALL the users in the application and/or the users can define specific configurations per business unit. Then when a user is logging in into LeanSuite using SSO, our system is going to find out the Business Unit where that user was created. If that business unit has a SSO Configuration set, the system will be using that one. In case there is no configuration for that business unit, the system will be looking for a system wide configuration to perform the login operation.

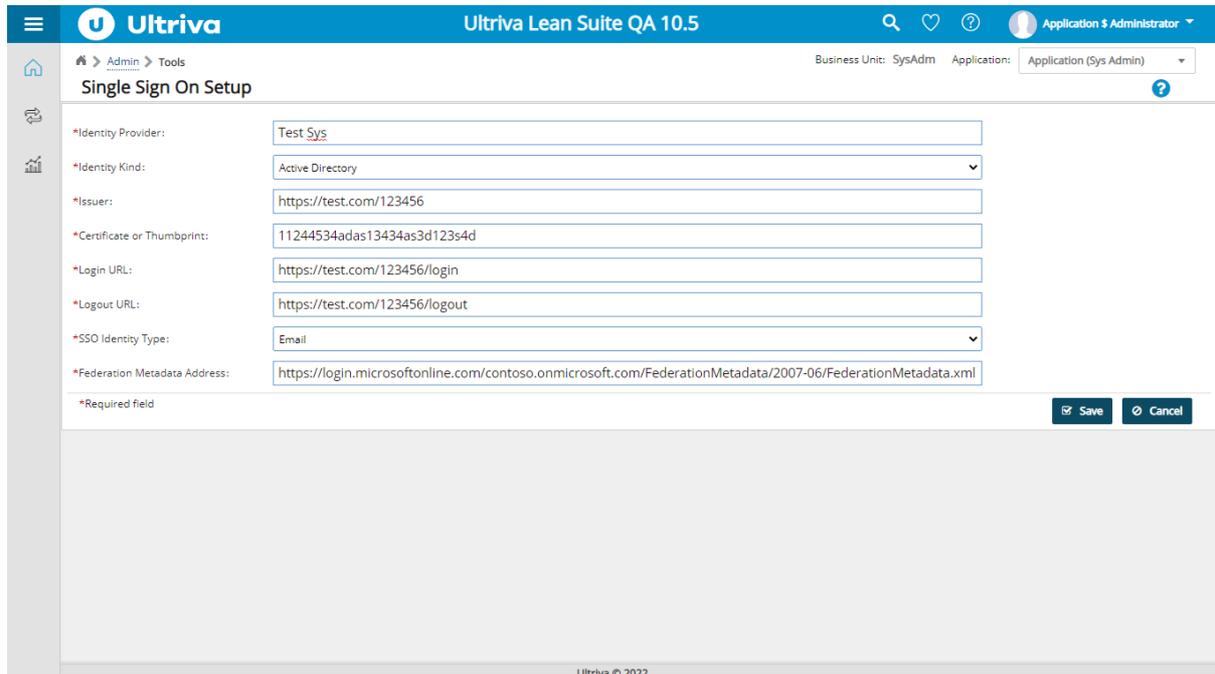
The system is just allowing ONE configuration per each business unit and ONE configuration for the whole system.



The screenshot displays the 'Single Sign On Setup' configuration page in the Ultriva Lean Suite QA 10.5 application. The page includes a navigation menu on the left, a header with the Ultriva logo and application name, and a user profile dropdown. The main content area shows a table with one configuration entry. The table has columns for Identity Provider, Login URL, Issuer, Updated, and Updated By. The entry for 'Test Sys' has a Login URL of 'https://test.com/123456/login', an Issuer of 'https://test.com/123456', an Updated date of '05/29/2023 08:10:41 AM', and an Updated By of 'engineering@ultriva.com'. There are also 'Edit' and 'Delete' buttons above the table, and a 'Print' and 'Export' button in the top right corner.

Identity Provider	Login URL	Issuer	Updated	Updated By
Test Sys	https://test.com/123456/login	https://test.com/123456	05/29/2023 08:10:41 AM	engineering@ultriva.com

When the user Adds/Edits a SSO Configuration the following form will be displayed allowing the user to set the values for the settings **provided by the Identity Provider**.



Ultriva Ultriva Lean Suite QA 10.5

Application Administrator

Business Unit: SysAdm Application: Application (Sys Admin)

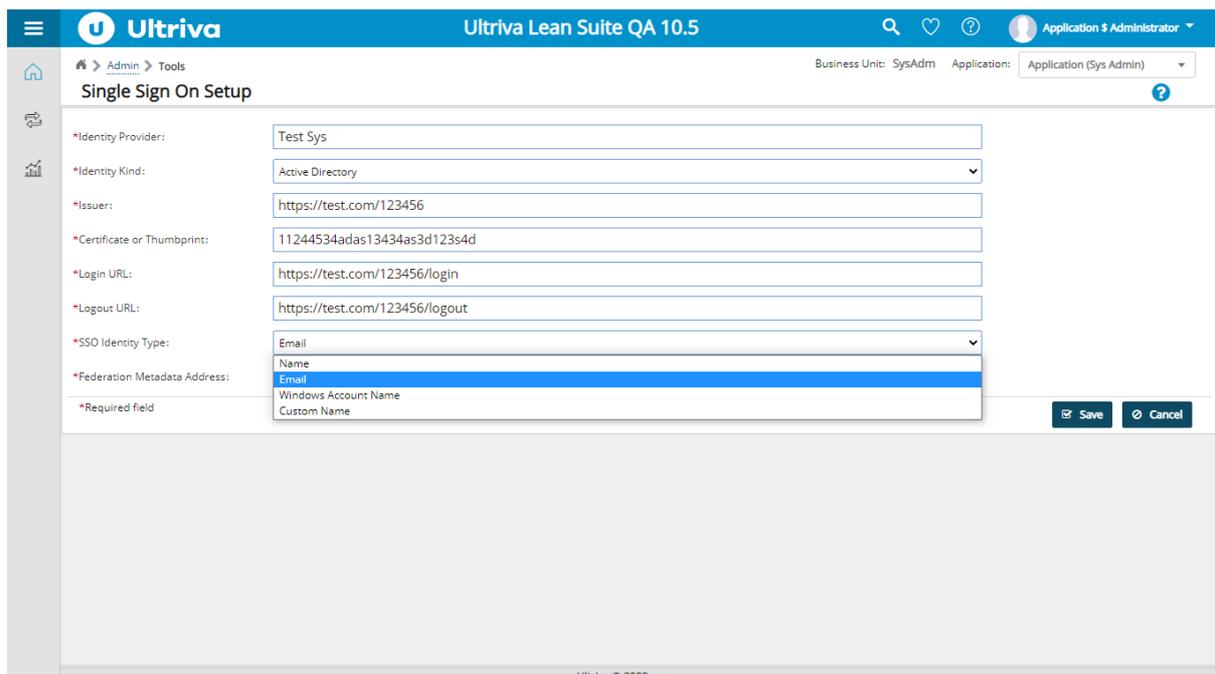
Single Sign On Setup

- *Identity Provider:
- *Identity Kind:
- *Issuer:
- *Certificate or Thumbprint:
- *Login URL:
- *Logout URL:
- *SSO Identity Type:
- *Federation Metadata Address:

*Required field

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For the SSO Identity Type the user can define the claim name that will be used to do the SSO Assertion. The user can select Name, Email, Windows Account Name or enter a custom name in the format of the System.Identity.Claims.ClaimsIdentity type like "<http://schemas.xmlsoap.org/ws/2005/05/identity/claims/homephone>". Available custom claims should be obtained from here <https://learn.microsoft.com/en-us/dotnet/api/system.security.claims.claimtypes?view=netframework-4.8> for .NET 4.8 version.



Ultriva Ultriva Lean Suite QA 10.5

Application Administrator

Business Unit: SysAdm Application: Application (Sys Admin)

Single Sign On Setup

- *Identity Provider:
- *Identity Kind:
- *Issuer:
- *Certificate or Thumbprint:
- *Login URL:
- *Logout URL:
- *SSO Identity Type:
- *Federation Metadata Address:

*Required field

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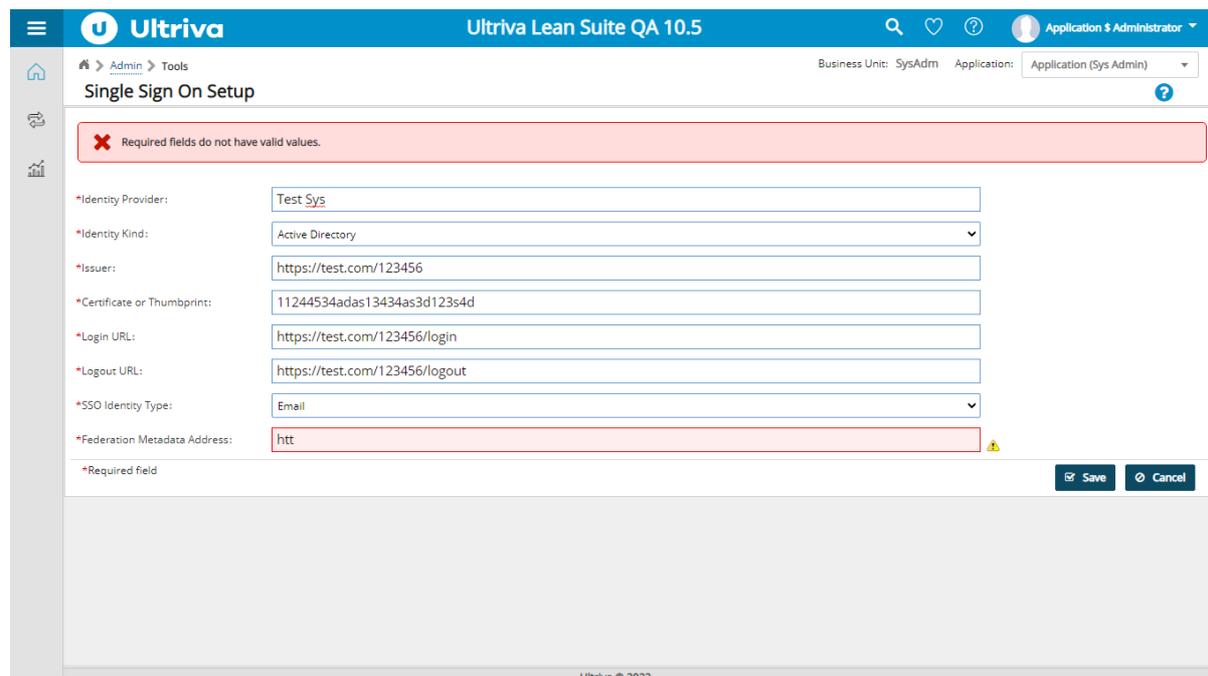
Ultriva supports these claim types:

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

According to our system restrictions, whatever SSO identity type selected on dropdown should match with Ultriva username (LoginName in EboUser table).

e.g., If Email selected, then usernames who wants to use SSO should be equal to email. When you save the SSO configuration Ultriva application will verify Federation Metadata xml and add the valid ID provider to Issuer Name Registry and user will see on the screen valid SSO provider setup:

If Federation Metadata file is not accessible for any reason user cannot save the configuration and will see an error message:



The screenshot shows the 'Single Sign On Setup' configuration page in the Ultriva Lean Suite QA 10.5. The page has a blue header with the Ultriva logo and navigation icons. A red error banner at the top states 'Required fields do not have valid values.' Below this, several configuration fields are visible, each with a red asterisk indicating it is required. The 'Federation Metadata Address' field contains the value 'htt' and is highlighted with a red border and a yellow warning icon. Other fields include 'Identity Provider' (Test Sys), 'Identity Kind' (Active Directory), 'Issuer' (https://test.com/123456), 'Certificate or Thumbprint' (11244534adas13434as3d123s4d), 'Login URL' (https://test.com/123456/login), and 'Logout URL' (https://test.com/123456/logout). The 'SSO Identity Type' dropdown is set to 'Email'. At the bottom right, there are 'Save' and 'Cancel' buttons. The footer of the page reads 'Ultriva © 2022'.

Create a Custom Report on Hand Inventory by Supplier Report
 Created a new On Hand Inventory by Supplier Report where we include a column to indicate if the item is consignment or not (IsConsignment? Column).

Ultriva Lean Suite QA 10.5

On Hand Inventory 270523

Plant: TCEK-Ram and its workcenters, Run as: Buyer

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Plant	Item	Description	Supplier Name	Supplier Code	Card ID	Cycle No	Units on Hand	Unit Price	On Hand Cost	Location Code	Is Consignment?
TCEK-Ram	IT170720	Test Full 9.5 Regression testing	Supnrev	Supnrev	KCC225QCALAF	1	12	0.00	0.000	123	False
TCEK-Ram	IT170720	Test Full 9.5 Regression testing	Supnrev	Supnrev	KCC222QCALM7	1	50	0.00	0.000	Lsc170720	False
TCEK-Ram	IT170720	Test Full 9.5 Regression testing	Supnrev	Supnrev	KCC220QCALB3	1	100	0.00	0.000	Lsc170720	False
TCEK-Ram	IT170720	Test Full 9.5 Regression testing	Supnrev	Supnrev	KCC225QCALYU	1	100	0.00	0.000	Lsc170720	False
TCEK-Ram	IT170720	Test Full 9.5 Regression testing			KCC222QCALRL	0	120	5.00	600.000	test	False
WCur	IFP5173723	Test Production Sequence	Darabwarehouse	Darabwarehouse	KCC222QCALQA	1	0	0.00	0.000	Lsc	False
WCur	IFP5173723	Test Production Sequence	Darabwarehouse	Darabwarehouse	KCC222QCALDF	1	0	0.00	0.000	Lsc	False
WCur	IFP5173723	Test Production Sequence	Darabwarehouse	Darabwarehouse	KCC222QCALJA	1	0	0.00	0.000	Lsc	False
WCur	IFP5173723	Test Production Sequence	Darabwarehouse	Darabwarehouse	KCC222QCALHB	1	0	0.00	0.000	Lsc	False
WCur	IFP5173723	Test Production Sequence	Darabwarehouse	Darabwarehouse	KCC222QCALHS	1	0	0.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC225QCALC9	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALA4	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC225QCALF8	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALP8	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC225QCALR2	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALJ0	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALHB	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALD7	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALVY	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALCQ	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALP0	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALM5	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALRA	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALFP	0	0	100.00	0.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC222QCALB5	0	10	100.00	1,000.000	Lsc	False
TCEK-Ram	T17640911	Test case 117640911			KCC225QCALJ9	0	45	100.00	4,500.000	test	False

Bug Fixing

Error when running JobERPImportWOPDF for the same order (Job)

When the user uploaded a PDF for one of the jobs (Cards), then later they sent a new PDF for the same job, some of the IGParams of the card were overridden and it was causing issues when the user was trying to follow the regular workflow to close operations. **This issue was fixed.**

Bulk email at App CSR Level sending to disabled users

When the user was configuring Bulk Emails as System Administrator, the email was also sent to disabled users. Now the email is just delivered to active users. **This issue was fixed.**

Card Search Issues and fixed.

There were two issues related to the Search Cards feature.

- When the user was searching for cards, there was a mismatch between the Packing Slip Number displayed in the Card Search Result and the Card Details (Cycle Details – Audit Details). Now, the Packing Slip is showing the same in both screens. **This issue was fixed.**
- If you do that Card search on a different plant besides where the card was created, then click the card to get to the cycle details and audit details, we got a message saying, "No Cycles Completed", even when the card was cycled one time. **This issue was fixed.**