



Release Notes for L7|ESP®

Version 3.4.0.0

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New Features

Custom Fields

Vector Fields in L7 MES

Introduced functionality to allow for tables of data, with columns that can be set as text or numbers. Vector fields can also be configured as time series, with a date/timestamp as the first column, if desired.

L7 Notebooks

Naming Notebook Widgets

L7 Notebooks now provides the ability to auto-generate unique names for Advanced Table, Widget Container and Spreadsheet widgets when these are added to the entry and/or template. Additionally, these auto-generated names can be modified as needed to provide more meaningful names to the widgets. To make it more flexible and intuitive, the application warns the user if there are duplicate or empty names for the widgets but does not block the user from saving such entries.

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Autosave Entries to avoid data loss

L7 Notebooks provides the option to auto-save entries at user defined intervals so that data is not lost in case of system timeout or user navigating out from the entry unintentionally. The auto-save can be enabled, and the interval can be configured through the config app.



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Audit History in Notebooks

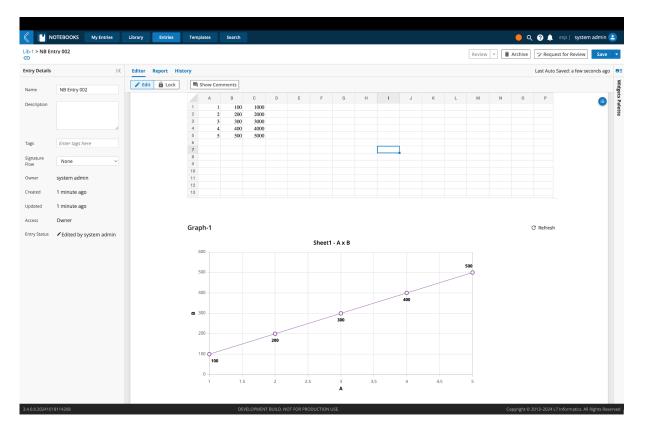
L7 Notebooks now provides the capability to select a printer and physically print the audit trail (records in the History page) for the Library, Entries, Entry Details, Templates and Template Details pages.

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Increased Visualizations

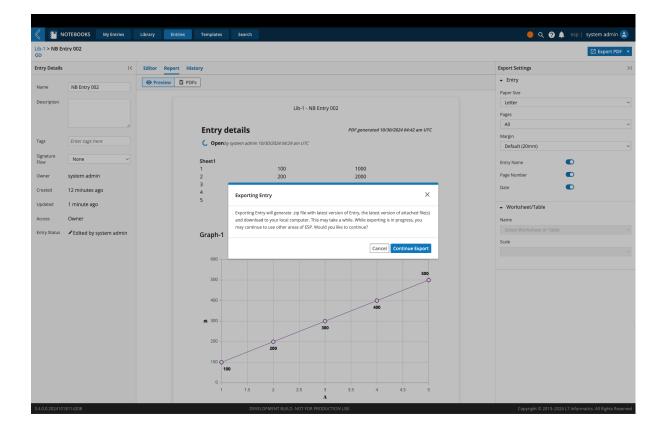
L7 Notebooks now supports the feature to create charts using data from the spreadsheet widget.



PDF generation for Notebook Entries

Expanded capability in L7 Notebooks to download a .zip file which contains a PDF version of the latest notebook entry version including all attached images and files in their native formats.





Rich Text Editor

L7 Notebooks now supports the capability to add nested bullets and number lists in its Rich Text Editor widget. Additional configuration has been added to hide or show the Table Creation option within the rich text editor (Table Creation icon is set to be hidden by default).



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Signatures in Notebook Entries

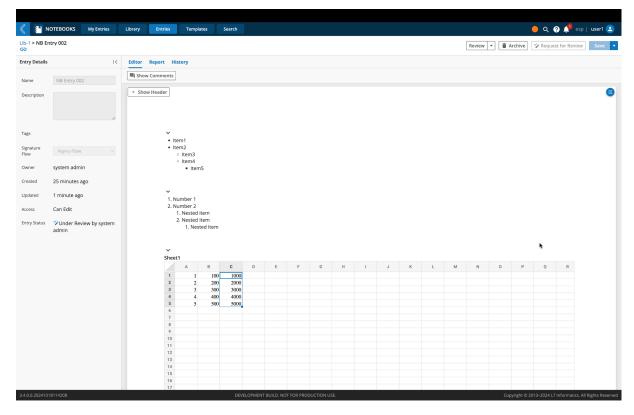
Users can now sign Notebook Entries asynchronously. Email notifications for asynchronous signatures will all be sent at the start of the signature flow while Email notifications for synchronous signatures will continue to be sent sequentially.

L7 Notebooks has added the ability to sign in as another signer in cases when a specific signer is unavailable to sign the entry or is acting as a witness to approving details in the experiment. This feature is driven through the configuration flag, other_user_approval which is disabled by default. If the flag is enabled, a user can sign an entry as another user who is part of the currently assigned signature flow.



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To avoid unnecessary edits to the entry during sign-off, a capability has been added to block signers from unlocking the entry under review. The capability to unlock a notebook entry under review is now limited to only the Owner and Admins of the entry.



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Extending widget features for Notebook entry

Added functionality to expand/collapse widgets for better editing and better readability of Notebook entries.

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Added the capability to hide or show a preview of an uploaded file to improve the editing experience.

Users can now create nested ordered lists and bullet lists within the notebook entry.



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Introduced functionality to duplicate the advanced table widget along with the format and data in the table widget and use the duplicated widget as a new independent table widget.

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Added ability to expand the spreadsheet widget offering a better view to edit data in the widget.

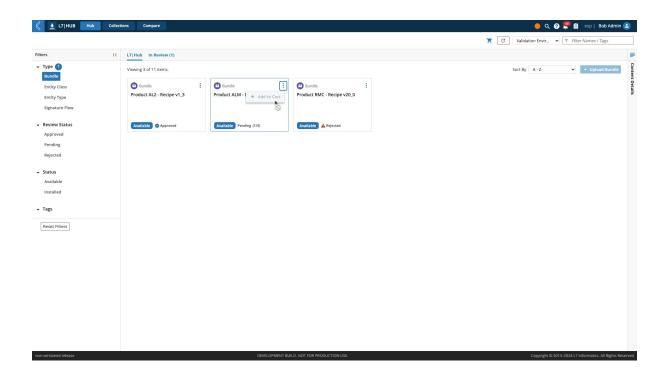
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Support (Bundle) approvals across systems

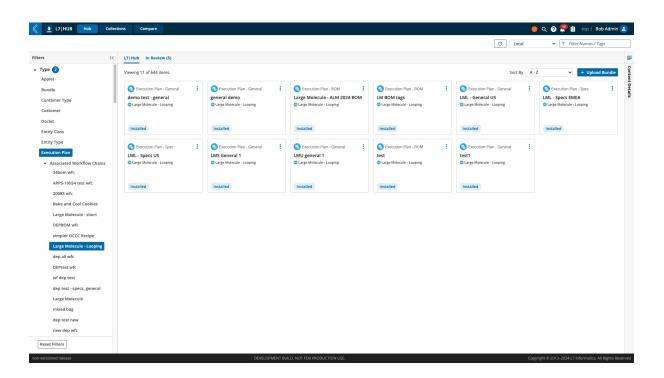
Administrators now have the ability to see and filter on the review status of remote bundles. Installation of remote bundles may be based on review status, based on configuration.





Support for Dynamic Execution Plans

Dynamic Execution Plans may now be included in collections and bundles, and can be transferred between systems through L7|HUB.





L7|MASTER®

General Dynamic Execution Plans

L7|ESP now supports General Execution Plans, which enable run-time modifications to the configuration of any fields in a Workflow Chain.

Dynamic Execution Plans: LML - General Build or modify your Dynamic Execution Plan	US					e	Print Cancel Save
Data	IK Overrides History					Inspector: Reading	s Instructions 🖏 🛢
Workflow Chain	General Plan: Large Molecule - Looping					 Basic Details 	
Large Molecule - Looping	▼ Thaw Large Molecule					Display Name	
Clear	Thaw					Readings Instruc	tions
Plan Type							
General Plan	Display Name	Туре	Default Value	Required		ID	
General Inst	Donor Tracking Number - US	Free-form text entry		Yes		Readings Instruc	tions
Fields	Number Vials - General	Numbers only allowed	-	Yes		Tags	
▼ Filter Fields	Thaw Time - General	Numbers only allowed		No		Enter tags here	
1 ritter rierus	 SL Bioreactor Preparation 					Туре	
	▼ ■ 5L Bioreactor Prep					Instructions	
Thaw			Default Value			Grouping	
Donor Tracking Number	Display Name Number Vials Added	Туре	Default Value	Required		Readings	
Number Vials		Numbers only allowed	-	Yes			
Thaw Time	Initial Jacket Temperature	Numbers only allowed	-	No]	Instructions	
	 SL Bioreactor Monitoring 					Record the Ja Temperature m	acket Pressure and easure the pH every three
 5L Bioreactor Prep 						hours.	span style="color: rgb(255, 0,
Prep Instruction	■ Bioreactor Monitoring					0);">If the pH is t	too low, add .11 L of Buffer.
Media Tank	Display Name	Туре	Default Value	Required		Shared	
Add Media	Readings Instructions	Instructions	-	No			
Reagent Added	Operator Readings	Vector		No		Visible	
Buffer Added	 •• 10L Bioreactor Transfer 					Read-only	
Start Time	 TUL Bioreactor Transfer 					Required	-
Number Vials Added	🔹 🔳 10L Bioreactor Transfer					Required	
Initial Jacket Temperature	Display Name	Туре	Default Value	Required		Reportable	
Initial Pressure	Date/Time of Transfer	Date/Time		Yes			
SL Bioreactor Monitoring Bioreactor Monitoring						 Parameters 	
Readings Instructions	 10L Bioreactor Monitoring 					✓ Event Handler	ř.
Operator Readings	 Bioreactor Monitoring 						
Viable Cell Density			B. f. de Veloe	Providend			
vector field 2	Display Name	Туре	Default Value	Required			
vector field 3	Viable Cell Density	Sample Point	-	No			
Proceeding Instructions							
Continue Monitoring or Transfer							

🐇 L7/MASTER Dynamic Execution Plans	🛑 Q. 🤣 🖤 esp Bob Admin 😩
Dynamic Execution Plans: LML - General US Build or modify your Dynamic Execution Plan	👼 Print Cancel Save 💌
E Data IC Overrides History	Inspector: Readings Instructions 💠 🍵 >I
Workflow Chain General Plan: Large Molecule - Looping	
🛱 Large Molecule - Looping v Thaw Large Molecule	Display Name
Clear v = Thaw	Readings Instructions
Plan Type Display Name Type Default Value Required	ID
General Plan Dor	Readings Instructions
Fielde	Tags
The Fields	Enter tags here
	Туре
	Instructions
Thaw Dire Record the Jacket Pressure and Temperature, measure the pH every three hours.	Grouping
Donor Tracking Number Vias kectoro the Jacket Pressure and Temperature, measure the pH every three hours. Number Vials If the pH is too low, add.11 L of Buffer.	Readings
Tax Time interprise too low, add it is of builter.	Instructions
+ 5L Bioreactor Preparation + 5L	Record the Jacket Pressure and
- SL Bioreactor Prep	Temperature, measure the pH every three hours.
Prep Instruction	0);">If the pH is too low, add .11 L of Buffer.
Media Tank Disp	Shared
Add Media Rea	
Reagent Added Opi	Visible C
saint Autora Start Time v 10	Read-only 🔘
NimberVisic & dided	Required
Initial Jacket Temperature	
Initial Pressure Dist	Reportable 🔘
+ 5L Bioreactor Monitoring Date/Time of Transfer Date/Time - Yes	 Parameters
Bioreactor Monitoring + 10L Bioreactor Monitoring	
Readings Instructions -	✓ Event Handler
Operator Readings V Bioreactor Monitoring	
Viable Cell Density Department of the Cell Density Default Value Required wettor Feld 2.	
vector field 2 Viable Cell Density Sample Point - No	
Proceeding Instructions	
Contracting Monitoring or Transfer	
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BOM (Bill of Materials) Dynamic Execution Plan

L7|ESP now supports BOM (Bill of Materials) Execution Plans, which enable run-time modifications to the configuration of Inventory Item Use fields and the Resource Link to Container fields that are referenced by them.

📲 L7 MASTER Dynam	ic Execution Pla	ins		🥚 🔍 🥑 🖤 esp Bob Admin 😩
Dynamic Execution Plans: Large M Build or modify your Dynamic Execution	l olecule - ALN Plan	2024 BOM		🖶 Print Cancel Save 🔻
Data	1<	Overrides History		Inspector: Reagent Added 🗘 📋 >I
Workflow Chain		BOM Plan: Large Molecule - Looping		Basic Details
Large Molecule - Looping		v SL Bioreactor Preparation		Display Name
Clear				Reagent Added
Plan Type		Display Name	Item type	ID
BOM Plan		Reagent Added	Reagent	Reagent Added
		Buffer Added	Buffer	Tags
Fields				• reagent1 ×
▼ Filter Fields				Туре
✓ 5L Bioreactor Preparation				Inventory item use
 5L Bioreactor Prep 				Grouping
Media Tank				Prep Bioreactor
Add Media				Instructions
Reagent Added				After vials are added to the initial Media, add
Buffer Added • 10L Bioreactor Transfer				.75 L of Reagent 1 from the specified Tank.
✓ 10L Bioreactor Transfer				
Add Reagent				Shared
Add Buffer				Visible 💽
				Read-only 🕥
				Required
				Reportable
				✓ Parameters
				Item type
				Reagent 👻
				Record used quantity
				Include expired items
				Valid item statuses
				Any Status

Dynamic Execution Plans - Save As

Users may now save a copy of a Dynamic Execution Plan in order to create a similar Execution Plan more easily.

Vector Fields

Vector fields can be added to protocols intended for use in L7 MES (Use in Manufacturing = Yes). These fields are structured as tables, with columns that can be set as text or numbers. Vector fields can also be configured as time series, with a date/timestamp as the first column, if desired.

Numeric columns can be configured with a specification type, units of measure, decimal digits, and minimum/maximum ranges.

The vector table can be configured with a minimum, maximum, and default number of rows.

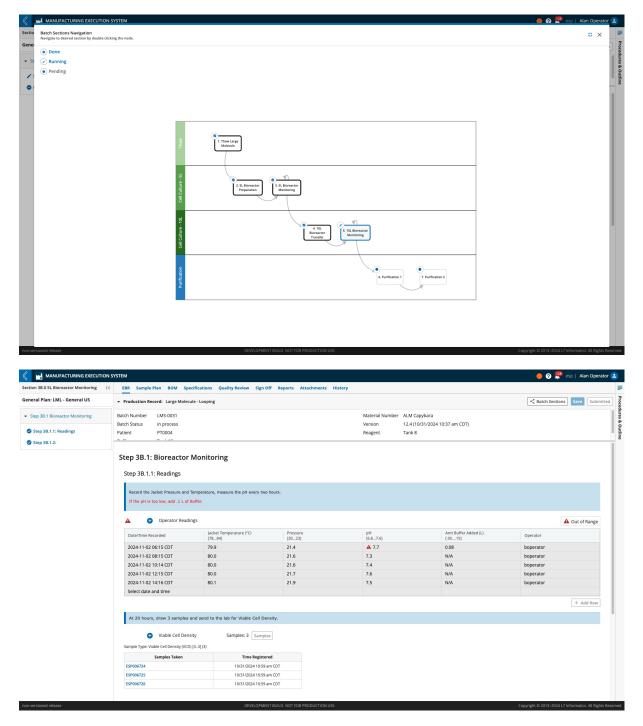
Protocol Actions

The Protocol Actions **Create MES Batch** and **Start MES Workflow Chain** now support all four Dynamic Execution Plans types: General, BOM, Specification, and Sample.

L7 MES

Looping and Repeating Batch Sections

L7 MES Recipes (Workflow Chains) can be configured to re-execute Batch Sections (Workflows), by repeating the same Batch Section one or more times, or by looping backward in the Chain. When a Batch Section is re-executed, the system appends a (sequential) letter to the Section's number.



Users may sort the data displayed in all tabs (except EBR) by numeric order or by order of execution. All reports also observe the tab-based sort order.

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atch Number: LMS-0031	EBR Sample Plan BOM Specifications Quality Review Si	gn Off Reports Attachmen	ts History					
ecification Plan: LML - Specs US atch Section: All	Production Record: Large Molecule - Looping							Show All Sections 💽 < Batch Section
Execution Order	Batch Number LMS-0031 Batch Status in process			Material Number ALM Version 12.4	Capybara 10/31/2024 10:37 am	CDT)		
1.0 Thaw Large Molecule	Patient PT0004			Reagent Tank		,		
2.0 SL Bioreactor Preparation	Field	Spec Type	UOM	Min	Max	Actual Value		Comment
3.0 5L Bioreactor Monitoring	 3.1.1 - Operator Readings 							•
3A.0 5L Bioreactor Monitoring		КРР	•	20	23	22.0		•
	2024-10-31 08:05 UTC	KPP	•	20	23	24.0	•	•
3B.0 5L Bioreactor Monitoring	2024-10-31 10:16 UTC	KPP		20	23	23.5	•	•
	2024-10-31 12:46 UTC	KPP	•	20	23	22.9		•
4.0 10L Bioreactor Transfer	2024-10-31 14:47 UTC	KPP		20	23	22.5		•
5.0 10L Bioreactor Monitoring	2024-10-31 06:15 UTC	KPP		6.8	7.6	6.9		•
	2024-10-31 08:05 UTC	KPP		6.8	7.6	7.5		
6.0 Purification 1	2024-10-31 10:16 UTC	KPP		6.8	7.6	7.8	•	
7.0 Purification 2	2024-10-31 12:46 UTC	KPP		6.8	7.6	7.4		
	2024-10-31 14:47 UTC	KPP		6.8	7.6	7.1		
	 Amt Buffer Added 							
	2024-10-31 06:15 UTC	KPP	L	.05	.15	N/A		
	2024-10-31 08:05 UTC	KPP	L	.05	.15	N/A		
	2024-10-31 10:16 UTC	KPP	L	.05	.15	0.10		-
	2024-10-31 12:46 UTC	KPP	L	.05	.15	N/A		-
	2024-10-31 14:47 UTC	KPP	L	.05	.15	N/A		
	 3A.1.1 - Operator Readings 							
	 Jacket Temperature 							
	2024-11-01 18:06 UTC	CPP	°C	78	84	84.1		
	2024-11-01 08:12 UTC	CPP	°C	78	84	84.0		
	2024-11-01 10:53 UTC	CPP	°C	78	84	83.9		
	 Pressure 							
	2024-11-01 18:06 UTC	KPP		20	23	22.9		
	2024-11-01 08:12 UTC	KPP	-	20	23	23.0		
	2024 11 01 10-52 UTC	KDD		20	22	22.0		

A new Transition Genealogy Report lists the order of transition between Batch Sections.

Execution Order		
Section	Next Section	
1.0 Thaw Large Molecule	2.0 5L Bioreactor Preparation	
2.0 5L Bioreactor Preparation	3.0 5L Bioreactor Monitoring	
3.0 5L Bioreactor Monitoring	3A.0 5L Bioreactor Monitoring	
3A.0 5L Bioreactor Monitoring	3B.0 5L Bioreactor Monitoring	
3B.0 5L Bioreactor Monitoring	4.0 10L Bioreactor Transfer	
4.0 10L Bioreactor Transfer	5.0 10L Bioreactor Monitoring	
5.0 10L Bioreactor Monitoring	5A.0 10L Bioreactor Monitoring	
5A.0 10L Bioreactor Monitoring	5B.0 10L Bioreactor Monitoring	
5B.0 10L Bioreactor Monitoring	5C.0 10L Bioreactor Monitoring	
5C.0 10L Bioreactor Monitoring	5D.0 10L Bioreactor Monitoring	
5D.0 10L Bioreactor Monitoring	6.0 Purification 1	
6.0 Purification 1	7.0 Purification 2	
7.0 Purification 2	Process Finished	
Provened by	Seneral Plan: LML - General US	



Vector Field Support

L7 MES now supports Vector field types.

K MANUFACTURING EXECUTION S	SYSTEM					🥚 😗 🖤	esp Alan Operator							
Section 5.0 10L Bioreactor Monitoring <	EBR Sample Plan BOM Spe	ecifications Quality Review Sign O	ff Reports Attachments	History										
General Plan: LML - General US	Production Record: Large Molec	ule - Looping				Subm	it to Next Batch Sectior							
Step 5.1 Bioreactor Monitoring	Batch Number LMS-0031 Batch Status in process			Material Number Version	ALM Capybara 12.4 (10/31/2024 10:37 am CDT)									
Step 5.1.1: Readings	Patient PT0004				Tank 8									
Step 5.1.2:	Step 5.1: Bioreactor M	Annitoring												
	Step 5.1.1: Readings	Temperature, measure the pH every two	hours.											
	▲ ② ●* Operator Readings													
	Date/Time Recorded	Jacket Temperature (°C) [7884]	Pressure [2023]	pH [6.87.6]	Amt Buffer Added (L) [.0515]	Operator								
	2024-11-02 18:01 CDT	79.0	22.0	A 7.8	0.10	boperator								
	2024-11-02 20:05 CDT	79.5	22.4	7.6	N/A	boperator								
	2024-11-02 22:02 CDT	80.1	22.7	7.4	N/A	boperator								
	2024-11-03 00:02 CDT	🔺 85.0 🏴	22.9	7.4	N/A	aoper								
	2024-11-03 02:03 CST	84.0	21.0	A 7.9	0.11	aoper								
	2024-11-03 04:04 CST	83.8	21.4											
	+ Add Row Jacket Temperature, Row 4													
	Alan Operator This bioreactor is nearing its recalibration date and may need to be taken out of commission until recalibrated 1031/0224 0109 p													
	🔺 🛞 😍 Viable Cell Dens		5				A Out of Range							
	Samples Taken	Time Register	ed											
	Sumples raken	The Register												

In EBR, Quality Review, and the final Batch Report, vector fields appear as tables. Users can add and remove rows within the minimum/maximum number of rows defined for the vector table.

Users may add comments to individual cells in the vector table, and may set individual cells as N/A.

Numeric columns are recognized as specifications. Out of range errors are highlighted in EBR and Quality Review, and are included in the Specifications tab and Specifications report.

In Quality Review and the Exceptions Report, exceptions in individual table cells are highlighted.

Improved Tablet Support in EBR

EBR has been modified for an improved tablet experience. Fixed modal windows are now scrollable to allow easier access to buttons while the virtual keyboard is displayed, and other issues with excessive scrolling in EBR have been addressed.

Applying Dynamic Execution Plans in MES

L7 MES now supports four types of Execution Plan: General, BOM, Specification, and Sample. All four may be applied when creating an MES batch. For more information about the new General and BOM Plan types, see the L7|MASTER section of these release notes.

It is possible for the same field to be included in both the General and one of the three specialized Plans. If both are applied, the system will apply all configuration settings that are unique within the two Plan types; where there is overlap, the system will apply the configuration setting from the specialized Plan type.



L7 Scheduling

Archive Availability

When archiving a scheduled resource, users will now be asked if they would like the resource removed from all future scheduled assignments as well.

Steeded etcals () @ make	< 🖬 s		asks	Availability	Calendar	Monit	or Resou	irces								(● @ c	0	🌲 esp	system ad	lmin 主
Schedule 1 Schedule 1 <td></td> <td>ge schedule details</td> <td></td> <td>⊘ Disable F</td> <td>Resource</td> <td>+ Add</td> <td>week</td> <td>Archive</td> <td>Cance</td> <td>Done</td>		ge schedule details													⊘ Disable F	Resource	+ Add	week	Archive	Cance	Done
Schedule 1 Name Schedule 1 Name Schedule 1 Name Name <	Schedule det	ails	I	< <u>View</u>	Requests	History															
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in in Tags Enter description Enter description Enter description Owner system admin Cented 1 minute ago Updated 1 minute ago Wednesday + 0 000 am - 0500 pm V 900 Image: Provide the second provide t	* Start date										le.										
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14.0.020241018114208 DEVELOPMENT BUILD. NOT FOR PRODUCTION USE. Copyright © 2013-2024 (2 Informatics. All Rights Reserved				08:	:00 am	(G · 0		-	-												

Archive Tasks in the Calendar Tab

Personnel will be notified via an orange toast notification and an email notification when a task they were assigned to has been archived and the option to send the notification is selected during task archival.



K CHEDULING Tasks Availability		🛑 🌐 Q. 🕜 焰 esp system admin 😩
Calendar		1 Import calendar + New Task
Filters Clear IC Calend	r History	▼ Unscheduled Tasks: >
Save Filter Preset	Cotober 27. November 02.2024 - 0.05.02/00.007	ek 🔻
Show archived	Sun Edit Task X Plesse provide the following information X	
Priority	Task Details Availability History	
All		
Task type	* Task type Assigned personnel	
Select task type 2:00 PM	Meeting ysystem admin ③ X	
Tags	* Name Assigned workgroup	
ex: blood	Meeting Pick workgroup	
3:00 PN Personnel	* Priority * Due date Task Duration Assigned location	
Select personnel	High V 10/30/2024 A thour Pick location	
4:00 PM	Start date Archive this Task X	
Workgroup Select workgroup	10/00/2024	
5:00 PM	End date Find a time	
Location	10/29/2024 ☐ ✓ Notify assigned resources Cancel Yes, Archive	
Select location		
Equipment 6:00 PM	All day Does not repeat v	
Select equipment	Description	
7:00 PN	Enter description	
8:00 PM		
	Tags	
9:00 PM	Enter tags here	
	Archive	
10:00 PI 10:36 PI	10.00 pm - 11:00 pm	
10:36 P		
11:00 Pi		
3.4.0.0.20241018114208	DEVELOPMENT BUILD. NOT FOR PRODUCTION USE.	Copyright © 2013–2024 L7 Informatics. All Rights Reserved

Create and Maintain Auto-generated Tasks

Improvements were made to the Save Confirmation modals along with the notifications for editing Planned Action Chains through the Task Edit modal.

SCHEDULING Tasks Av	vailability	Calendar Monitor Resources		• «	ခြဲ 🔍 🕜 🍂 esp system admin 😩					
Calendar Import calendar + New Task										
Filters Clear	Calendar	History			▼ Unscheduled Tasks: >I					
	Today <	> October 27 - November 02, 2024 - (UTC-07:00) PDT	ŧ	E Legend Week 🔻						
Show archived		un Edit Task Please provide the following information	🕞 Experiment-1 🔤 2 🗘 🗙	e						
Priority										
All	12:00 PM	Task Details Availability Workflow Chain History								
Task type		* Task type	And and an entry of							
Select task type	1:00 PM	WF1	Assigned personnel Pick personnel	>						
Tags			Assigned workgroup							
ex: blood	2:00 PM	* Name								
Personnel		Experiment-1 - WF1 * Priority * Due	Pick workgroup	^						
Select personnel	3:00 PM	Medium 10/3 Save confirmation	×	2						
Workgroup		Start date Introduced changes require information 1	for other tacks in the shale to be							
Select workgroup	4:00 PM	adjusted		>						
Location		10/30/2024 t Are you sure you want to proceed?								
Select location		End date								
	5:00 PM	10/30/2024	Cancel Confirm							
Equipment		Description								
Select equipment	6:00 PM	Enter description								
	7:00 PM	*								
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	10:00 PM	Meeting								
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Maintain and Update Resource Availability

L7 Scheduling now supports editing the start date for a future schedule.

🔇 🖬 S	CHEDULING	Ta	sks	/	Availa	bility		Cale	endar	Mo	onitor	Reso	urces		
Schedule-2 View and man	age schedule deta	ails													
Schedule de	tails			<		View	Re	eques	ts I	History					
						-									
Schedule Name	Schedule-2					۰v	Neek	c1							
Resource								Name							
Name	user1						leek 1 cripti								
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Status	🚱 Available														
* Start date															
11/01/2024		<	N	love	mbe	er 202	24	>							
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Resource Management Tool in Monitor

Streamlined the Inspector Panel in the Resources tab to only expand the details for the specific item selected.



Vinceline Image: Second S	Inspector: Experiment-2 - WF1 V Details for: Experiment-2 - WF1 Experiment Experiment-2 - WF1
WF1 Oct 29-30 WF1 Oct 30-30 WF1 Oct	Experiment Experiment-2 - WF1 Experiment Experiment-2 - WF1
Name and Dates Sun 27 Mon 28 Tue 29 Wed 30 Thu 31 Fri 1 Sat 2 • Experiment-2 oct 29-30 • • • • • • • • • • • • • • • • • • •	
Oct 29 - 30 WF1 Oct 29 - 30 WF1 WF2 Saf date: 10/201004 (0x8) pm Oct 30 Outdoor Nuclear modes > Experiment-1 Saf date: 10/201004 (0x8) pm	
Oct 29 - 30 Writ Oct 29 - 30 Writ Oct 29 - 30 Writ Writ Sch diet 50/20004 10/4 (pm) Writ Sch diet 50/20004 10/4 (pm) Oct 30 Durations 1 (pm) 10/20004 10/4 (pm) > Experiment-1 Sch diet 50/20004 10/4 (pm)	Description None
0ct 29 - 30 wr1 WF2 Surt dese 10/23/004 10/4 pm 0ct 30 Durdhort horizon > Experiment-1 Surt dese 10/23/004 10/4 pm	Tags None
Oct 29 - 30 wr1 WF2 Sart dete: 10/20/004 10/4 pm Oct 30 Oct 30 ▶ Experiment-1 Sart dete: 10/20/004 10/4 pm	Workflow WF1 Name
WF2 Soft case Using Case Using Fill Oct 30 Due date: 10/21/2024	Start Time 10/29/2024 10:48 pr
WF2 Duration: 1 hour 15 minutes Oct 30 but date: 10/21/2024 between the temperature of tempe	End Time 10/30/2024 12:03 an
> Experiment-1	Due date 10/31/2024
	Personnel Unassigned
	Workgroup Unassigned
	Location Unassigned
	Equipment Unassigned
	Baseline Start 10/31/2024 03:30 pr
	Baseline End 10/31/2024 04:45 pr
	Baseline Enu Tors 172024 04.45 pr
	Protocol: P1

Experiments in L7 LIMS

Applying Dynamic Execution Plans when creating an Experiment for L7 LIMS

L7 LIMS now supports four types of Execution Plan: General, BOM, Specification, and Sample. All four may be applied when creating an experiment for L7 LIMS. For more information about the new General and BOM Plan types, see the L7|MASTER section of these release notes.

It is possible for the same field to be included in both the General and one of the three specialized Plans. If both are applied, the system will apply all configuration settings that are unique within the two Plan types; where there is overlap, the system will apply the configuration setting from the specialized Plan type.



Resolved Issues

Known Issues from previous releases resolved in 3.4.0.0

Кеу	Summary	Application	ZenDesk ID
APPS-19206	Entities App: Custom views not saving/appearing correctly when custom view is set to default view	Entities	N/A
APPS-18986	LIMS: Unable to scan sample barcodes into worksheets (Context lost)	LIMS	N/A

Known Issues

Кеу	Summary	Application
APPS-19632	DEP creation - WFC should not be a live link	L7 MASTER
APPS-19628	3.3.0.x hotfix CLONE - LIMS left sidebar Filtering throws error	L7 LIMS
APPS-19625	DEP - Save As sometimes saves additional information in original DEP	L7 MASTER
APPS-19618	L7 MASTER > DEP: In the DEP details page, unable to add Workgroups to the DEP (only Default option 'Any' is displayed)	L7 MASTER
APPS-19617	L7 MASTER > DEP: Workgroup pick list is displayed within a very small scrollable section making it difficult to select workgroup options in the DEP creation modal	L7 MASTER
APPS-19599	L7 LIMS left sidebar Filtering throws error	L7 LIMS
APPS-19561	L7 MASTER: Container Type - Unable to remove resource types from Container Type field 'Contains'	L7 MASTER
APPS-19559	L7 MES - Exception Report doesn't include vector field cells with out of range or incomplete	L7 MES
APPS-19556	L7 MES - column headings cut off on some tabs	L7 MES
APPS-19527	L7 MASTER - DEP - Sample point type is displaying in BOM and Spec Plan DEP	L7 MASTER
APPS-19526	L7 MES: DEP not applied to Protocol in 2nd WF	L7 MES
APPS-19517	Various onRender and onChange issues with grouped protocols	L7 LIMS
APPS-19508	L7 MES/Quality Review - Next Step should be read only in Editor Portal	L7 MES
APPS-19449	L7 MES- Vector Columns name updates to match Figma	L7 MES
APPS-19441	L7 MASTER > DEPs: Notify groups unable to be modified	L7 MASTER
APPS-19415	L7 Notebooks: The Auto-save keeps triggering even if the user is not actively working on any entry	L7 Notebooks
APPS-19351	L7 LIMS: OnRender called twice when switching from Rows/Transpose to Flexview view	L7 LIMS

APPS-19097	L7 MES: No error toast upon creation of EBR with DEP when process WFC had field removed after creation of that DEP which included that field	L7 MES
APPS-18951	L7 MES: EBR > BOM tab > Available Items & Item Usage Tables - Lot expiration dates 2 days before Inventory app expiration dates	L7 MES
APPS-18930	L7 MES: Custom field in Entity Type with DEP Resource Link restricted to a plan & WFC - Field name is cut off in new EBR modal	L7 MES
APPS-16403	Uploading file names with '#' breaks viewing/download ability for that file.	Data
APPS-15918	Duplicate toast notifications when POST is used	L7 ESP Core

Constraints

In order to meet regulatory requirements for end-to-end encryption, L7 Informatics strongly recommends customers run L7|ESP with SSL enabled even in network environments where L7|ESP is not accessible from the internet. This ensures data integrity from the point of data origin through data storage.

L7|ESP is validated only in SSL-enabled environments, running with SSL disabled constitutes running in an unvalidated state and L7 Informatics cannot guarantee that L7|ESP will function properly without SSL enabled in future releases.

Seeding Users

Seeding user files will recognize the workgroups. When seeding a customer repo, workgroups in the user file should be removed. L7|ESP client re-organizes the resources, where users are seeded before the workgroups.

L7|ESP Testing activities for L7|ESP 3.4.0.0 were successfully concluded at 17-Oct-2024.

