



LEAF
D A T A S Y S T E M S

POWERED BY MJ FREEWAY

Leaf Data Systems
State of Washington
1.37.5 Release Changes for Processor Licensees

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RELEASE HIGHLIGHTS:

1.37.5 WORKFLOW IMPROVEMENTS AND ISSUE RESOLUTION:

- Waste Reporting:
 - Resolved issues related to waste reporting when performing Conversions
- Inventory Type Attributes:
 - Added ability to capture 'Weight per unit' for weight-based discrete items
 - Added ability to capture 'Serving Size' for infused discrete items
 - Added ability to capture 'Servings per Unit' for infused discrete items
- Lab Results:
 - Refined business logic surrounding lab results requirements
 - Resolved threshold and validation issues with individual lab tests
 - *NOTE: While there are no direct workflow changes for Processor licensees involving lab results, the improved logic and validation for lab results will indirectly improve reporting for lab results in Leaf Data Systems for all License Types*
- Inventory Transfers:
 - Refined data validation in order to minimize ability for invalid data entry
- Sales:
 - Added ability to adjust previously entered sales data (unit price)

1.37.5 GENERAL IMPROVEMENTS:

- Numeric Standardization:
 - Decimal values pertaining to weights are all now to two decimal places
- Drop-down Menus:
 - Traditional drop-down menus replaced with "type-ahead" search fields
 - Batches
 - Inventories
 - Inventory Types

SUMMARY OF CHANGES:

Following is a list of the items being released with 1.37.5.

Terminology Used in Table Below

Issue/Solution	<i>denotes an instance where the system was not functioning as designed, and the corresponding solution to resolve the issue</i>
Workflow Gap/ Improved Workflow	<i>describes a situation where licensees/integrators have used a procedural system workaround to accomplish a workflow that they perform along with the corresponding solution implemented to address the gap</i>
Update	<i>new/improved/enhanced functionality that represents new requirements implemented</i>

	Summary of Work	Extended Description of Solution Implemented
BATCHES	Batches/Delete: block ability if active inventory associated	Workflow Gap: Batches associated with inventory can be deleted, which corrupts the associated records. Improved Workflow: Batches that have plants or inventory (active or inactive) associated with them cannot be deleted. Attempting to delete a batch that is in use will cause the request to fail, and an error message to be returned.
	Batches: 'qty_cure' & 'dry_weight' values have different datatype lengths	Update: Numeric standardization throughout the system will provide consistencies with decimal values entered. With the exception of lab results, all decimal values will be saved to two places past the decimal. Lab Results will be saved to three places past the decimal.
CONVERSIONS	Conversions/Add: associate 'waste' with conversion output	Issue: Waste created through a conversion is associated with the input lots, causing the creation of extraneous waste lots. Solution: Waste created through a conversion is associated with the output lot. Upon entering a waste value when performing a conversion, a destruction record and associated waste inventory lot are created automatically.
	Conversions/Add: waste batch/inventory type relationship	Issue: Waste created through a conversion should be associated with the output inventory lot. Solution: A waste batch from a conversion relates to the output inventory lot from the conversion.
	Conversions/Add: waste created for 'qty_waste_total' for each item converted if multiple inputs	Issue: Upon completing a conversion with waste associated, the waste item created is multiplied by the number of inputs when it should be related to the output. Solution: Waste created through a conversion is associated with the output lot. Upon entering a waste value when performing a conversion, a destruction record and associated waste inventory lot are created automatically.

	Summary of Work	Extended Description of Solution Implemented
	Conversions/Report: 500 error upon loading page	Issue: The Conversions Report returns a 500 error upon loading. Solution: The Conversions Report loads correctly.
DATA UPLOADS	Data Uploads/Report: 500 error upon loading page	Issue: The Data Uploads Report returns a 500 error upon loading. Solution: The Data Uploads Report loads correctly.
DESTRUCTIONS	Destructions/Add/Edit: remove "actual date of destruction" field	Update: The actual date of destruction is captured based on the workflow rather than entered by the end user.
	Destructions/Add: behavior is incorrect	Issue: The weight of waste inventory lots created is not being incremented properly. Solution: Waste workflows have been adjusted so that waste inventory weights are now incremented properly.
	Destructions/Dispose Item: creating inventory with negative quantity	Issue: Waste packages are being presented with "0" inventory, so when they are disposed of the quantity becomes negative. Solution: Waste packages created represent the correct quantity, so when they are disposed of they are decremented to zero.
	Destructions/Edit: disable "modify" ability (and remove link) once inventory has been disposed	Issue: Destruction records that have been disposed of can be modified. Solution: Users can no longer modify a destruction record that has been disposed of.
GENERAL	General/Numeric Standardization: integer, decimal, varchar limits not validated upon input; validate weight-based calls, decimal(14,2)	Update: Numeric standardization is occurring throughout the system, which will provide consistencies with decimal values entered. With the exception of lab results, all decimal values will be saved to two places past the decimal. Lab Results will be saved to three places past the decimal.
	General: ability to correct mistakes	Issue: Licensee must be able to correct mistakes for all data entered into Leaf. Solution: All records entered can be updated per the documented procedures in the user manual.
INVENTORIES	Inventories/Inventory Types: add 'type-ahead' search field	Update: Traditional drop-down menus for Inventory and Inventory Types are being replaced with "type-ahead" search drop-down menu fields.
	Inventories/Labels: include potency profile from lab results on label	Update: Labels are being updated to include potency profiles of inventory.
	Inventories/Report: 500 error upon loading page	Issue: The Inventory Report returns a 500 error upon loading. Solution: The Inventory Report now load properly.

	Summary of Work	Extended Description of Solution Implemented
	Inventories: 'type'='waste' should be restricted from all actions except 'area' modification	Update: Waste inventory will have restrictions applied to the actions that can be performed to it.
INVENTORY ADJUSTMENTS	Inventory Adjustments/Listing: inventory transfers are shown	Issue: The Inventory Adjustments report shows all actions related to inventory. Solution: Only Inventory Adjustment records are shown on the Inventory Adjustments report.
INVENTORY TRANSFERS	Inventory Transfers/Receive: inventory type ID is not created automatically	Issue: Upon receipt of inventory, the system is not accurately creating a correctly associated inventory type. Solution: Upon receipt of inventory, the receiving facility will have an appropriate inventory type automatically created by the system.
	Inventory Transfers/Update: modifying price on inventory transfer adds additional sale record	Issue: When an inventory transfer is modified and the price of a line item changes, an additional sale record is created. Solution: Additional sale records will not be created when a transfer is updated.
INVENTORY TYPES	Inventory Types/Add: ability to capture 'servings_per_unit' for discrete items	Update: Users are able to capture "Servings per Unit" for inventory types.
	Inventory Types/Add: ability to capture/print 'Weight Per Unit (gm)' for weight-based items	Update: Users are able to capture "Weight Per Unit (gm)" for inventory types.
	Inventory Types/Add: only allow integer inputs for 'uom'='ea'	Update: When an inventory type with a unit of measure "ea" is created, all associated inventory will only be able to have quantity values that are integers, not decimals.
LAB RESULTS	Lab Results/View: cannabinoid potency and THC calculation	Update: The calculations for Total THC are being corrected.
	Lab Results/View: extraction capable inventory	Update: Lab results validation will now trigger inventory to have a designation called "eligible for extraction", which will be deemed true or false based on lab results entered.
	Lab Results/View: all QA testing	Update: Lab results thresholds and behavior are being addressed in a series of tickets dedicated to lab result workflows and validation.
	Lab Results/Listing: calculate and implement 'high THC' and 'high CBD' product designations	Update: 'High THC' and 'High CBD' designations will be calculated based on lab result values and assigned in Leaf, if applicable.

	Summary of Work	Extended Description of Solution Implemented
	Lab Results/Retest Workflow: 'Eligible for Retest' status	Update: Lab results validation will now trigger inventory to have a designation called "eligible for retest", which will be deemed true or false based on previous lab results entered.
LABELS	Labels/View/Print: missing 'Washington State' reference	Issue: For inventory labels, the "Washington" State reference is missing from the warning that states "This product may be unlawful outside of the State of ____". Solution: The label message has been corrected.
	Labels/View/Print: potency analysis (lab results) should be visible	Update: Potency analysis will appear on labels.
SALES	Sales/Adjustment: ability to capture 'adjustment_date'	Update: Users can update sales records.
	Sales/Report: 500 error upon navigation to page	Issue: Navigating to the Sales Report produces a 500 error. Solution: Sales Report loads properly.