

**Biological Threat Reduction Program
(BTRP)**

**Pathogen Asset Control System (PACS)
patch 5.8.852**

Release Passport



Revision 1.0

July 2021

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1. Introduction

The Pathogen Asset Control System (PACS) is a comprehensive, flexible software solution for accounting for and tracking biological materials in laboratories. PACS has been developed under the Biological Threat Reduction Program (BTRP). It facilitates the monitoring of the reception, transfer, movement, destruction and other actions with biological materials of all kinds throughout their lifecycle.

The current document describes release notes for PACS v5.8.852.

2. PACS v5.8.852 Scope

This release of PACS v5.8.852 includes fixes for the following SpiceWorks tickets, listed in the table below. Details for the issues' resolution can be found in the "Comments" column.

Ticket #	Priority	Issue Type	Country	Summary	Description	Comments
12783	High	Application defects	AZ	AJ PACS - It is not possible to work in Reference Editor	Due to a lot of empty rows it is not possible to do any work from Reference Editor. It doesn't allow to delete even unused values. Empty rows are being created when the value is being entered from registration or diagnostics operation by + clicking. (it allows to add empty rows).	The issue was resolved using script. The script was successfully applied on PACS database. Ticket is closed
12788	High	Application defects	AZ	AJ PACS issue - multi-selected values cannot be unselected	AJ PACS issue - multi-selected values cannot be unselected	Resolved
12796	High	Change request	AZ	AJ PACS idea - to make possible to delete a group of tests	Right it is possible to delete tests only one by one. It is very inconvenient if wrong tests were assigned for more than 100 aliquots. We need to waste a lot of time to delete it. Please add possibility to delete all selected tests from the Tests Catalog	Resolved
12797	High	Application defects	AZ	AJ PACS - Duplicates in Material Classification tree	It is possible to add duplicates just changing register of the letters. For example "Milk" and "milk". They both will remain in the list. I can be used by users. We cannot delete any of them because they are used. It is not possible to change material type in Material Tracking Form. It shows that it was changed to "Milk"	Resolved

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					but when you open again it shows the "milk" value. So the "milk" cannot be deleted; but it is extra, This is just an example. And we have a lot of such values in DB.	
12834	High	Application defects	TH	PACS Super User Password Expires	PACS super user password technically belongs to the exception group and should not expire. But as of v5.8.834, it now expires. This makes it difficult to provide support.	The issue could not be reproduced on the test stand and on production.
12847	Med	Application defects	VN	Enter in text box does not save	"In native Notes field - when you enter, this saved	Resolved
12848	Med	Application defects	VN	Geo Location Error	However, in custom fields, this is not saved. Please see the attached screenshots for more information."	Resolved
12752	Med	Application defects	TH	Bug is found in Audit Log in v5.8.455	[Description:]: Audit Log is automatically changed the previous tracked value on a created date of Source ID after Source ID value is currently edited/modified.	Resolved
12762	Med	Change request	TH	Customization is requested on Barcode Label Designer: More options for selecting 2D barcode types shall be available to be fit for the small label.	[Description:]: For printing the 2D barcode, there is only QR code type for designing and printing selection. Additional types of 2D barcode are requested (i.e. Data Matrix) for user designed. The limitation of existing QR code could not encode IDs on the small label properly because the 2D scanner could not read/capture this encoded QR code generating from PACS . We found that if more barcode digits (>7 digits, especially alphanumeric	Resolved

Ticket #	Priority	Issue Type	Country	Summary	Description	Comments
					characters) needs to be encoded, more recognition area on label are required for QR code (when compared with Data Matrix). Sometimes, tube types of aliquots have limited area for labelling barcode (such as Eppendorf 0.6 mL or 1.5 mL) therefore Data Matrix will be the better option for encoded IDs to be fit and tight on the small label (as shown in attached picture - diameter of each label = 1.00 cm).	
12768	Med	Application defects	AZ	PACS: Custom fields are empty in Tests tab's table of Source Tracking Form	After applying of new patch all custom fields are shown as empty in Tests tab's table of Source Tracking Form. This table is being used by us for tests results review before going to print and if mistakes are found then labs are correcting them, and then we print. but right now work will be slower.	Resolved
12770	Med	Application defects	UA	All subdivisions moved to one	16.01.2021 SSCIBSM encounter a severe bug in PACS - all subdivisions (including aliquots) from all refrigerators were moved to one (Леофілізація), without any record in Event Log. Problem was solved by restoring PACS database from backup (on 6PM 15.01.2021). But situation requires precise investigation to exclude such problems in future. Logs from PACS workstations are collected.	Resolved. The fix also resolves the ticket #12874.
12771	Med	Change request	UA	Subdivisions moving not tracked on aliquot	During moving subdivision with aliquot - no records added to audit log tab of aliquot	Resolved

Ticket #	Priority	Issue Type	Country	Summary	Description	Comments
					tracking form. As result the last record about moving of aliquot (in audit log tab of aliquot tracking form) shows real destination of aliquot with date of last movement of aliquot. So, we can move subdivision several times but in audit log tab of aliquot tracking form we will se only one record about moving aliquot wit it's current destination and date of last movement of this aliquot.	
12775	Med	Application defects	AZ	PACS -Material is added to Source and Batch Registration table is not configured	When material is added to the source batch material registration table configuration is being deleted	Resolved
12776	Med	Application defects	AZ	If test assigned before Diagnostics - test template is not saved	If test assigned during Batch Material Registration or in Material/Aliquot Catalog then after Diagnostics operation was performed	Resolved
12784	Med	Application defects	AZ	AJ PACS - It is not possible to add specific configuration for subdivision	When you try to add specific form of box (for example 5x5 or 10x10), the system shows an error: Some error occurred in the application. Please send information about this error to software development team.	Resolved
12789	Med	Application defects	SA	PACS Error	PACS error pops when trying to change user permission.	Resolved
12794	Med	Localization request	AZ	AJ PACS Help Manual - to be updated	To update PACS Help Manual AJ version to the latest one by the link: https://blackandveatch.sharepoint.com/teams/SP/EIDSSPACS_Wiesbaden/08xImplementation	Resolved

Ticket #	Priority	Issue Type	Country	Summary	Description	Comments
					/Forms/AllItems.aspx?RootFolder=%2fteams%2fSP%2fEIDSSPACS%5fWiesbaden%2f08xImplementation%2f04%2dLocalization%2f%236%20Manual%2fPACS%20User%20Manual%20for%205%2e8%2e650%5fTRANSLATED%2fAJ%2fPACS%20User%20Manual%20for%205%2e8%2e650&FolderCTID=0x0120009E7EA13E8E33004FB4B1011AFBFB77E7	
12800	Med	Change request	UA	Issue with column # in Diagnostic Operation	Denys Muzyka from IECVM, informed about the issue with the first column # that is presented on the Diagnostic Operation form. 1. Sometimes column # is on the grid, sometimes it is not. 2. Sorting by any field from the grid (for example Material ID) didn't apply on the Paper form. On the Paper form, it sorts by this column # no matter if it is presented or not.	Resolved
12807	Med	Change request	UA	Search Engine_Columns order	Please see the file attached with Steps to Reproduce	Resolved
12808	Med	Change request	UA	Request to add Diagnostic Act Number to Search Panel and Column chooser	Denys Muzyka requested to add the possibility to search by Diagnostic Act Number in Diagnostic Operation, Operation Acts, and Search Engine and add Diagnostic Act Number to Column chooser in Diagnostic Operation.	Resolved
12779	Low	Application defects	UA	On printing barcode, value of the Notes field (Aliquot) is missing	Denys Muzyka from IECVM (Kharkiv) reported an issue when printing barcode during Material Registration value of the Notes field for Aliquot is empty on the printed barcode.	Resolved

Ticket #	Priority	Issue Type	Country	Summary	Description	Comments
12785	Low	Localization request	AZ	AJ PACS translation - Add translation to "Requested" status of test	Please translate "Requested" status to "Təyin edilmiş"	Resolved
12801	Low	Application defects	UA	"д" symbol shows in date field	In Ukrainian localization, in Search panel of "Act of operations" during selecting date of operation PACS shows "д" symbol on place of cursor Last Edited: Mar 16, 2021 @ 09:54 am by Ivan Luginets	Resolved
12802	Low	Application defects	UA	Not possible to change orientation to Landscape	Not possible to change orientation to Landscape in Diagnostic and Source/Material/Aliquot/Test Tracking Forms via Edit in Combined Report Form.	Resolved
12806	Low	Localization request	UA	Translate field "Test Set" in Search Engine		Resolved
12809	Low	Change request	UA	Filter materials without aliquot	User asks to add to material search panel additional field "Quantity of aliquots more than". If field blanks PACS should list all materials otherwise PACS should exclude materials with quantity of aliquots less than specified from view. This feature allow user to filter material without aliquots from Material catalog.	Resolved