Bug Release Notes

Version 5.12.8

Release Information

📄 Document: Force-5-12-8-Bug-Release-Notes

🗂️ Release date: 2022-08-08

✏️ Document version: 1

👤 Author: Raj Chaulagain

Inhalt

General

FORCAM provides companies with all the information they need to control and optimize their production. The modular solution FORCAM FORCE IIOT is as flexible as the needs of customers. With a variety of production apps, FORCAM helps companies to make their processes more transparent and improve their workflows. In this way, companies create the basis for optimization measures and sustainable success, thereby ensuring their competitiveness.

FORCAM is always endeavored to optimize the FORCAM FORCE IIOT solution further, eliminate errors and ensure the best possible experience with full usage for customers. For this purpose, several patches are published throughout the year.

This document lists bugs that have occurred during customer use and that have been fixed during the **5.12.8** release. It gives a brief description of the bug as well as its fix for you to retrace and understand the procedure in the best possible way.

Detailed descriptions of the individual functions can be found in the respective product documentation.
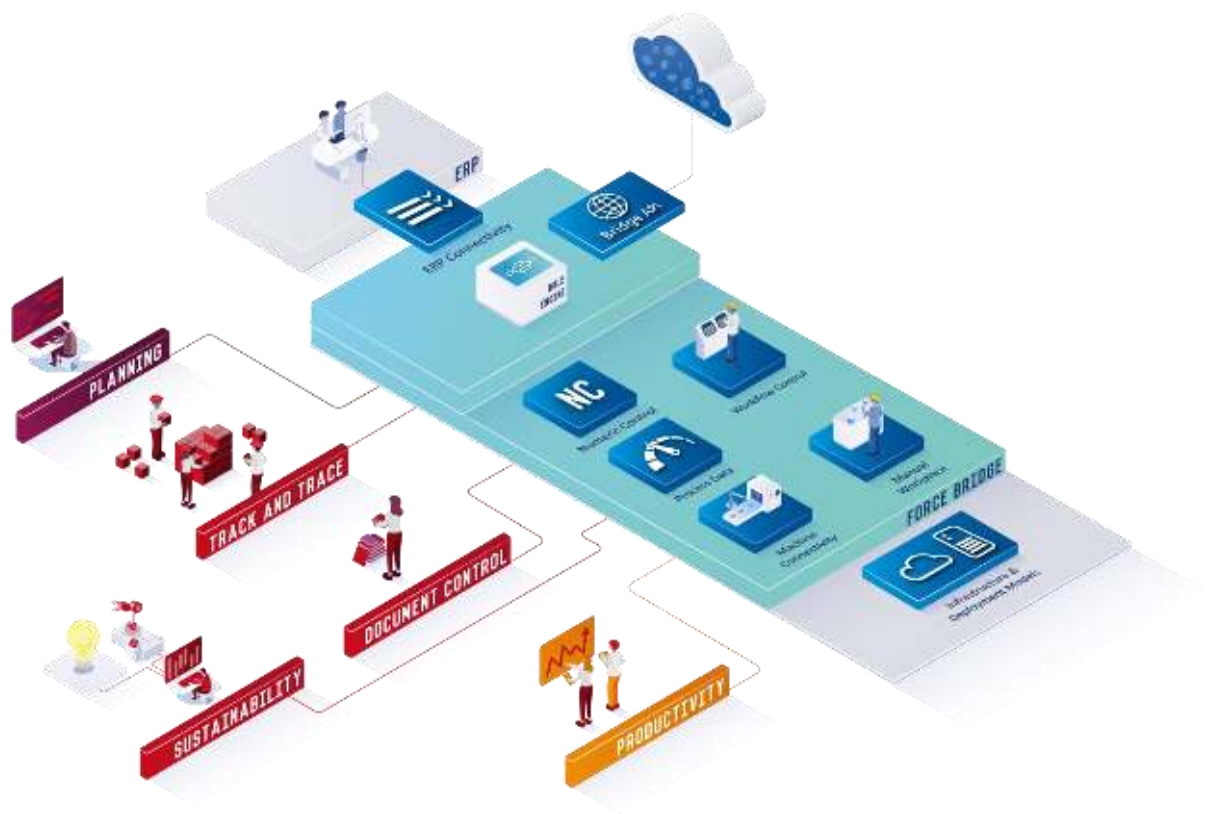
Fixed Bugs

FF-31998 (FF-32574) - After 5.11.31 update internal orders (overhead cost) are not sent to SAP

Description

After an Update from 5.11.18.1 to 5.11.31 internal orders (overhead cost) are no longer sent to SAP. This occurred due to missing entry configuration option in Exclude list serialization in ERP Upload configuration.

Fix

Missing option (COSMG) is added to **Exclude list serialization** in ERP Upload configuration.

FF-32374 - CSV Data is not saved in trace process analysis reports

Description

Configure DCP for controller and signal with **Always Trigger.** Issue occurred during the capturing of trace data.

Fix

Evaluated the trigger for the initial value.

FF-32480 - Operating state split in seconds is not visible

Description

In the Workbench when user tries to split **Operating State of Machine Workplace**, time slider doesn't show second information.

Fix

Extended JSP page to show second information and in the case when time is split. Fixed the **ClassCastException** in case of change in time zone of operating state correction of Machine and Manual Workplace.

FF-32528, FF-32721 (FF-32675) - Long running queries with bad system performance and timeouts

Description

A lot of ERP-Messages were sent to the runtime during production. This triggered a refresh in the terminal every time an object was changed via ERP-Download.

Fix

Send Operation Notifications configuration is now fixed in order to turn off the refresh messages in the workbench. The second place, which is requesting refresh from the runtime takes this configuration into consideration from now onwards.

FF-32544 - Physical unit is not set in process data model

Description

UnitName or **unitsymbol** are not returned when using the API CALLBACK /devices/{deviceId}/recordedTimeSeries. Physical unit is not set in process data model if queried via API.

Fix

Fixed data model to always return **unitSymbol** and **unitName**. Trace Processing by setting the physical unit correctly in the data model for the API call.

SD-8310 (FF-31880) - DACQ persistence not working for single script restarts

Description

Variable value persistence is activated, but local variable values of a DACQ script are not preserved when the script is restarted. It occurs in the productive system of a customer.

Fix

Up to now all variable values were cleared when restarting the script regardless of the persistence configuration. Now the variable values are only cleared if persistence is not enabled or if the variable is excluded from persistence. The source of the DACQ had to be changed in order to fix it.

SD-8606, FF-32628, SD-8768 (FF-31992) – Longer loading time for single quantity correction

Description

Single Quantity correction UI's **Operation No.** filter became too slow to show the number of active operations when there are a lot of literals and active operations inside the system.

Fix

New configuration **Display maximum operations** in **Operation no. filter** has been added to limit the number of active operations.

SD-8746 (FF-32269) - Yield correction increments Machine quantity

Description

The issue was about incorrect handling of the correction commands. It occurred while quantity correction from SFT quantity correction step. The root cause was the order of commands where delete command was sent after insert command however the deletion needs to be performed before insertion.

Fix

Since the order of command was incorrect, reordering of commands by sending delete command before insert command fixed the issue.

SD-8749 (FF-32195) – Incorrect sorting in Operation table

Description

*Sorting for the **Operation table** was not happening as expected. This was occurring when more than one sorting criteria were configured.

Fix

The multiple sort functionality from the Captain Casa framework was not working as expected. Hence made changes to call the **sortInitial** method, where the sorting is done for each sorting criteria.

SD-8842, FF-31615 (FF-32523) - Worker service reaches heap size and crashes

Description

The internal cache map of **ServerEventListeners** is not being cleaned for finished or closed operations. Heap Space builds up along several weeks until the service crashes.

Fix

The internal cache map of **ServerEventListener** is changed to be cleaned for the finished or closed operations.

SD-8844 (FF-32287) - Work Time Assignment - Multiple entries in combined week tab

Description

Combined week model assignment showed duplicate and altered timeline entries in the table when multiple shift models without an end timestamp were used in the inheritance tree of the workplace. These only happened with shift model data in the past.

Fix

Fix comparison with assignments that have no end timestamp while building up the timeline for the combined week assignments tab.

SD-8892 (FF-32408) – Random auto scroll in SFT - OperationSelectionActivityStepUI

Description

In SFT **OperationSelectionActivityStepUI** page, the first element in the list are selected and focused. When sorting is done, the first element in the list before sorting is selected. Hence the window scrolls to the one that is selected in the list.

Fix

The sorting happens only while loading the UI. But the selection is already done before sorting. Hence, a fix is made in order to sort the elements and then do the selection.

SD-9018 (FF-32449) – Error while searching ticket activities by ticket number

Description

Exception Error on Ticketing if searched ticket number in the activity UI.

Fix

Conversion is changed into prepared query with numbered parameters.

SD-9063 (FF-32629) Error in report filter of report accessed by authorized link

Description

Person filter was not accessible inside an authorized link because user session was not resolved correctly in this case. Due to this an exception was thrown.

Fix

User session can be resolved in authorized links for **Person** filter. User session is resolved correctly in this case.

SD-9089, SD-5766 (FF-32558) - Quantity validation error even if traceable data is received

Description

Even if traceable data is received by a node the quantity is still zero. In this Case, only machine data was sent. However, in SFT an error message appears that the components are finished and completely assembled.

Fix

For Trace Quantity, the bug is fixed if received via exchange table. Assembly is fixed in Trace Processing to handle quantities correctly.

SD-9096 (FF-32602) – Convert warning in Trace Processing

Description

Warning message was thrown stating that conversion is not working. This issue occurred while converting Boolean & timestamp into number. It occurred in Trace Processing data capturing.

Fix

Boolean and timestamp are not converted into number.

SD-9104 (FF-32572) - Newoffice-Background Temp file could not be deleted

Description

Windows OS looks files for longer duration than required. Due to which, they cannot be deleted by the application.

Fix

Files will be cleaned up by a service which runs every hour.

SD-9113, SD-9016, FF-32675 (FF-32528) - Labor Time Controller delayed in processing

Description

The big caches/data of Labor-Time controller delays the events processing due to some overhead work done to ensure the consistency of the data. This overhead is costly for bigger installations.

Fix

Labor-Time controller is extended to offer the configuration possibility to set or reset the **RetryOperationMode** ON/OFF for itself.

TC-4603 (FF-32296) - Open Intervals in FR_DS_OPERATION_BASE_TL

Description

Booking logic change in the workplace creates a wrong operation timeline interval for the finished operations.

Fix

Finished but assigned operations of the workplace are de-assigned from the workplace before booking change and then assigned again back to the workplace after booking logic change. This is done internally by the booking logic change.

FF-32694 - Multiple Checkout, Cancel Checkout & Release Group features do not function as expected

Description

Multiple Checkout did not check out the selected elements and did not close the popup when it was done. Cancel Checkout does not work for multiple elements.

Fix

Fixed the multiple checkout popup to fit the FORCAM aesthetic. Added on **Ok** that triggers the callback for Multi Checkout.

FF-32666 - Material APIs not correctly tagged

Description

Some material APIs were shown under Miscellaneous instead of Material in **Swagger UI**.

Fix

Tagged Material APIs correctly with Material.

Appendix

Abbreviation/Term	Description
API	Application Program Interface
DACQ	Data Acquisition System
DCP	Data Collection Point
ERP	Enterprise Resource Planning
JSP	Java Server Pages
OS	Operating System
OS	Operating System
SFT	Shopfloor Terminal
UI	User Interface