Bug Release Notes
Version 5.11.27

Release Information

📄	Document: Force-5-11-27-Bug-Release-Notes
🗐	Release date: 2022-03-15
✏️	Document version: 1
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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 **5.11.27** 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.
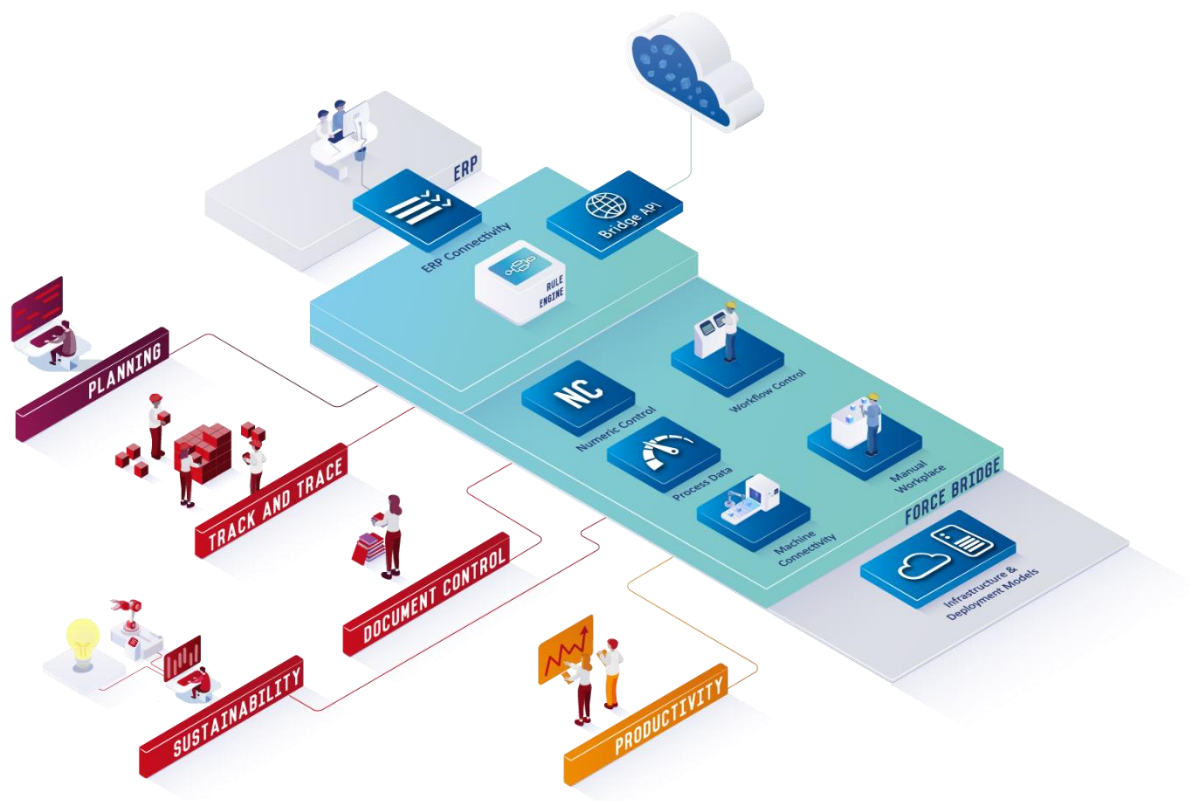
Fixed Bugs

DCU: Unified logging does not zip the log files

SD-7837 (FF-31506)

Description

For log files of native sources C++ apps, at day change, the log file rotation with zipping the old files did not happen. This led to a risk of running out of disk space.

Fix

Installed a new file zipper ffzip.exe in the log directory by Finster which will be used by the C++ apps. The log configuration can be modified in the file logging.ini which is also in the log directory.

Digital Planning Board: Infinite loop for editing operation

SD-7615 (FF-31556)

Description

Navigation to "Edit operation" or "Create operation" subpages led to a UI freeze. This happened only in cases with a large number of materials (thousands of entries). Former implementation was not suitable to handle large amount of data.

Fix

Changed material selection to lazy and with a narrow-down filtering, in order to handle huge material lists in an ergonomic manner.

DNC: Missing DNC instance configuration leads to null pointer

FF-31449

Description

The machine configuration for a DNC plugin had multiple failure points when the configuration is saved without an assigned DNC instance. This occurred at initialization or edit of FFDNC service/app and results in an NPE without the real problem being pointed out.

Fix

If a machine DNC plugin configuration has no DNC instance assigned, a NoDncInstanceException will be thrown to clarify the reason of the error.

Energy monitoring: Multiple Data Capturing Points for the same workplace

SD-8108 (FF-31458)

Description

The same energy type code for different DCPs was possible. This issue occurred during the configuration of DCP when Track & Trace is up and running.

Fix

Added a check to prevent identical energy type codes.

FFSetup: Entries for FFWebservice/properties not considered

SD-7590 (FF-30896)

Description

When migrating to a new FORCAM FORCE™ version, the ffwebservices.properties was overwritten. The labels in FFSetup for the FFWebservices editor page were missing.

Fix

Resolved an issue which caused the default webservices properties to have a higher priority than the customer-specific ones. Now, when something is changed by the customer, it will have a higher priority than the default values from the developers. Added labels for all FFWebservices editor page input fields, so that input values are clear.

Master data: Literal keys for Personnel user fields not available

FF-31501

Description

In Workbench, the user field names in the Personnel and Workplace configuration sections use the same literal keys. Changes made to Personnel user field names must not change Workplace user field names and vice versa.

Fix

The user field names in the Workplace configuration were associated with custom literal keys. Custom literal keys are:
  - USER FIELD 1 -> lbl$ffworkbench$keyWorkplaceUserField1
  - USER FIELD 2 -> lbl$ffworkbench$keyWorkplaceUserField2
  - ...
  - USER FIELD 50 -> lbl$ffworkbench$keyWorkplaceUserField50

Reporting: Column order in preview incorrect and not changeable

SD-7840 (FF-31423)

Description

The default table configuration was applied, when a table report was executed in an iterator report. In contrast to a table report, which is displayed as a single report or as a part of a multi report without iterations, changing the column order or width was not saved in user-specific report configuration which would be applied on the next report execution.

Fix

The user-specific table configuration is also saved for iterator reports.

ⓘ The user-specific configuration is only applied when the report has not been rendered yet. When the configuration is changed and an iteration is selected, which previously has been executed, the new configuration won't be applied to the table report of that iteration.

ⓘ The preview tab does not show a report with a user-specific configuration (which is the expected behavior). The preview tab always shows a report with its default configuration.

Rule Engine: AutoSignOffOnly timer reset incorrectly

SD-6975, SD-8227 (FF-31296)

Description

The auto sign-off timer was reset incorrectly if a person signed off from one operation out of many.

Fix

The Auto-Sign-Off logic was updated to not reset the timer if the person is still signed on to other operations.

SFT: Incorrect result of keyboard input

SD-8302 (FF-31627)

Description

In SFT screens, when entering input via keyboards (on-screen and physical), the letters and numbers appeared multiple times instead of only once. This issue appeared at all user input enabled fields in the SFT. The cause of the problem was CaptainCasa framework.

Fix

Updated the CaptainCasa framework to a new version 20220124 (as suggested by CaptainCasa support team).

SFT: Operation user fields are not displayed correctly

FF-30989

Description

In the dialog for operation block assignment, it is possible to show just one operation user field in the operation tables. Always the last user field which is added in the configuration is shown in all columns with operation user fields.

Fix

Fixed the user field parameter to append the number in the Key map (e.g. UF_01, UF_02 etc.).

SFT: Status detail tree selector/drop-down selector is not sizeable to the complete combo box

FF-30987

Description

In multiple recoding activity steps, the drop-down selector was not sizeable as it was implemented with a static width.

Fix

The width of the drop-down selector is now being calculated dynamically depending upon the parent component width. It results in a drop-down selector with width depending on the activity step width and combo box width.

SFT: Workplace name missing in header

SD-8220 (FF-31492)

Description

Incorrect/no workplace name was presented on the header of the base page in the SFT. This issue occurred at all of the SFT base pages where workplace grid is involved (e.g. Operation view).

Fix

Incorrect workplace attribute specification (AS_WP_KEY_EXTERNAL_KEY) was used to fetch the header. This attribute specification is now replaced with the expected one, i.e. AS_WP_KEY_NAME.

Shift: Creating fixed shift calendar uses shift day instead of actual day for selection

FF-30972

Description

Creating a fixed shift that is completely in the next day but still inside the shift day offset range was not possible and the UI displayed a validation error.

Fix

Factored in a shift day offset in the fixed shift editor to allow shifts completely inside the shift day offset range.

Ticketing: Assigned material in ticket not displayed without operation

FF-31546

Description

Tickets with a material but no operation can be created via the Bridge API. Editing the ticket in the ticket editor would remove the material.

Fix

The ticket editor has been adapted to no longer overwrite materials when there is no operation on the ticket.

Ticketing: PDF cannot be created

FF-31370

Description

Exporting tickets with long descriptions (over ~ 900 characters) to PDF resulted in an error message.

Fix

If the calculated width of the table column for the PDF is too big for the PDF page size used, then the last valid width will be used which doesn't result in an error/invalid state.

Track & Trace: Trace Acquisition does not shutdown

FF-31539

Description

Stopping the Trace Acquisition service led to a pending page. User had to kill that service using task manager. This happened when most of the controller and signals were not active.

Fix

Loading the controller and signals in different thread.

Visualization: Long loading times when opening the formula editor

SD-8056 (FF-31405)

Description

The data cache of the Visualization was reloaded when displaying the available formula fields of the formula editor. This also included executing the additional fields, so the formula editor was opened after the execution of the additional fields was finished.

Fix

The available formula fields are displayed without reloading the data cache of the visualization.

Visualization: NullPointerException during SQL test of additional field

SD-8307 (FF-31641)

Description

When the query of a workplace-dependent field was executed, a "null" value was returned for the workplace ID instead of the expected numeric value.

Fix

A check for the workplace ID value type was introduced before the value is further processed. In the case above, when the workplace ID value cannot be processed, a warning will be shown in the logfile.

WPL configuration: "Create workplace" UI permissions not merged after update

SD-8288 (FF-31612)

Description

The CreateWorkplaceUI was added with release version 5.11 and the FORCAM system was updated from a previous version to 5.11. The system user had the WorkpalceConfigurationUI permissions to add a new workplace. After the system update, the permissions were not valid for the new introduced CreateWorkplaceUI. When the user tried to add a new workplace using the Workplace Configuration, this was not permitted.

Fix

If the CreateWorkplaceUI is opened as a pop-up in the WorkplaceConfigurationUI, the same permissions are now inherited. The CreateWorkplaceUI permissions only needs to be explicitly assigned to a user if the CreateWorkplaceUI is configured as a standalone UI in the navigation bar.

Appendix

Abbreviation/Term	Description
DCP	Data Capturing Point
DCU	Data Collection Unit
DNC	Distributed Numerical Control
NPE	NullPointerException
PDF	Portable Document Format
SFT	Shopfloor Terminal
UI	User interface
WPL	Workplace