FORCAM™
FORCE

Bug Release Notes
Version 5.11.38

Release Information

Document: Force-5-11-38-Bug-Release-Notes

Release date: 2022-10-26

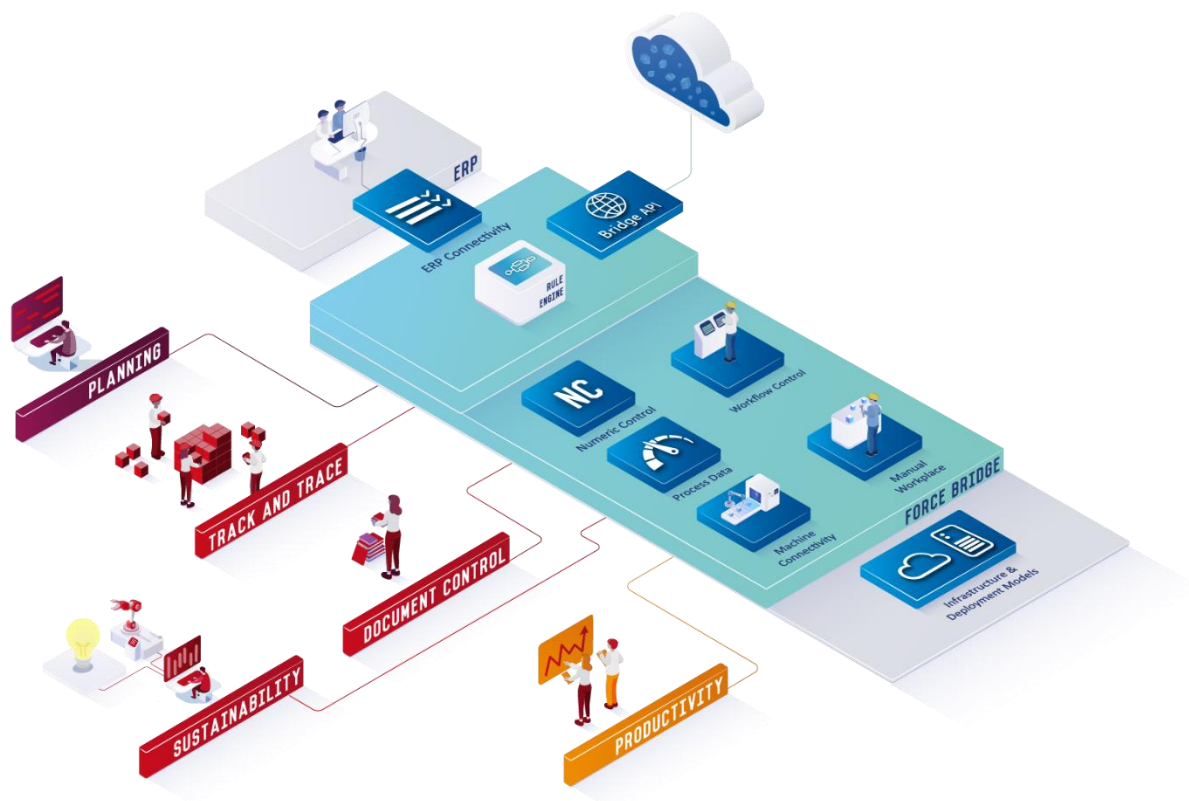Document version: 1

Author: Raj Chaulagain

Content

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 **5.11.38** 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-16045 (FF-32957) – Timestamps of the ERP messages differ

Description

When quantities are booked during operation finish and corrected, the ERP messages sent to delete and insert the corrected quantities differ in one millisecond. With different timestamps it is not possible to group them correctly. This might lead to issues with some ERP systems.

Fix

Removed the timestamp adjustment and corrected the order of the events so that the quantity correction is processed before the operation finish. Therefore, making sure that delete and insert quantity messages for the ERP are sent with same timestamps.

FF-32886 – Error Code Message shown during Beyond Compare between OPT and FDM

Description

Client-side connector returned result of comparison between two elements with different contents when compared in Beyond Compare software (set as comparison program). Property **csc.responseneeded** was set as true. Therefore, the comparison program for which result was not needed (only UI visibility was enough) must return a response which in case of this software manual is 13 for inequal files. This issue occurred after configuring the comparison program in settings of packet create/search page, two elements are compared with aforementioned program setting.

Fix

In PDM comparison/post processor/viewer programs there will be list of exit codes (number) which will be accepted as valid process output value. If one sets the property that needs a response for a program (process) then one can also define a set of exit codes which are acceptable as successful exit code. In addition, migration is done to put **0** as default exit code in external program settings in **FdmPathConfiguration** and **FdmViewerConfiguration** configurations.

FF-32992 – Sorting attributes missing in DBOM

Description

Sorting attributes were missing in DBOM like the user fields of the components. This issue occurred in Workbench within DBOM Activity Step

Fix

Added the user fields columns in sorting attributes.

FF-33091 – FDM Transformation of an OPT element has the wrong version

Description

If there is a FDM element (e.g. ABC.TXT with version e.g. 2) and an OPT element (with the same name as FDM element and extension). Ideally, the OPT transformation should convert it to FDM element ABC.TXT with version 3. OPT transformation was not able to find it and it created another FDM element ABC.TXT with version 1 (a new element). This issue occurred when the FDM element is not connected to the max packet version of the **PACKET** in the packet configuration table.

Fix

Now we get the FDM element for OPT match without the max. packet version check. Furthermore, for an opt element we find all packet without the maximum packet version check.

SD-8431, FF-32349 (FF-31808) – Automatic focus not set in QuantityBookingActivityStep

Description

The issue occurred in the **QuantityBookingActivityStep** in which the focus was not directly set to the quantity field available for user input. The root cause of the issue was implementation of UI framework CaptainCasa.

Fix

Focus management was refactored to handle the changes behavior of UI framework CaptainCasa.

SD-8982, SD-9279, FF-32395, FF-32869, FF-30833, FF-32785, SD-7888 (FF-31086) - OutOfMemory exception in ffworker/ffsimulation

Description

OutOfMemory exception occurred in ffworker/ffsimulation. It was caused by a bug in database management system (Apache Ignite).

Fix

Ignite is now upgraded to version 2.14.
ⓘ Please make sure to delete the persistence cache.

SD-9350, FF-33116 (FF-32848) – Personnel Hierarchy takes long time to load

Description

The loading of the page **Personnel Hierarchy** and the required data takes a long time. It was hampering the overall performance.

Fix

A slight refactoring is done to get some time saved during loading of the page.

SD-9449 (FF-32927) – Actions Tab for a group object is not saved

Description

Within visualization the **Actions** tab was displayed when a group shape is selected even though actions could not be configured for group shapes.

Fix

The **Actions** tab is not displayed when a group shape is selected.

SD-9500 (FF-32931) – User blocking UI in background

Description

A user blocked the workplace configuration page. As a result of which other users could not activate the ERP upload configuration.

Fix

Converted the Session id map and Workplace config page callback map to concurrent HashMap in order to handle concurrent access to these data.

SD-9503, SD-9504 (FF-32958) – Badge reader not working correctly

Description

Continuous long polling connection did not get initiated in the case of UDP connections. This occurred with CSC related functions like UPD scanning.

Fix

Previous adaptation done in CSC handling framework caused the issue. The polling connection was fixed to solve this issue.

Appendix

Abbreviation/Term	Description
CSC	Client Side Connector
DBOM	Digital Bill Of Material
ERP	Enterprise Resource Planning
PDM/FDM	Production Data Management (Fertigungsdatenmanagement)
UI	User Interface