FORCAM™
FORCE

Bug Release Notes

Version 5.12.6

Release Information

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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 **5.12.6** 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.
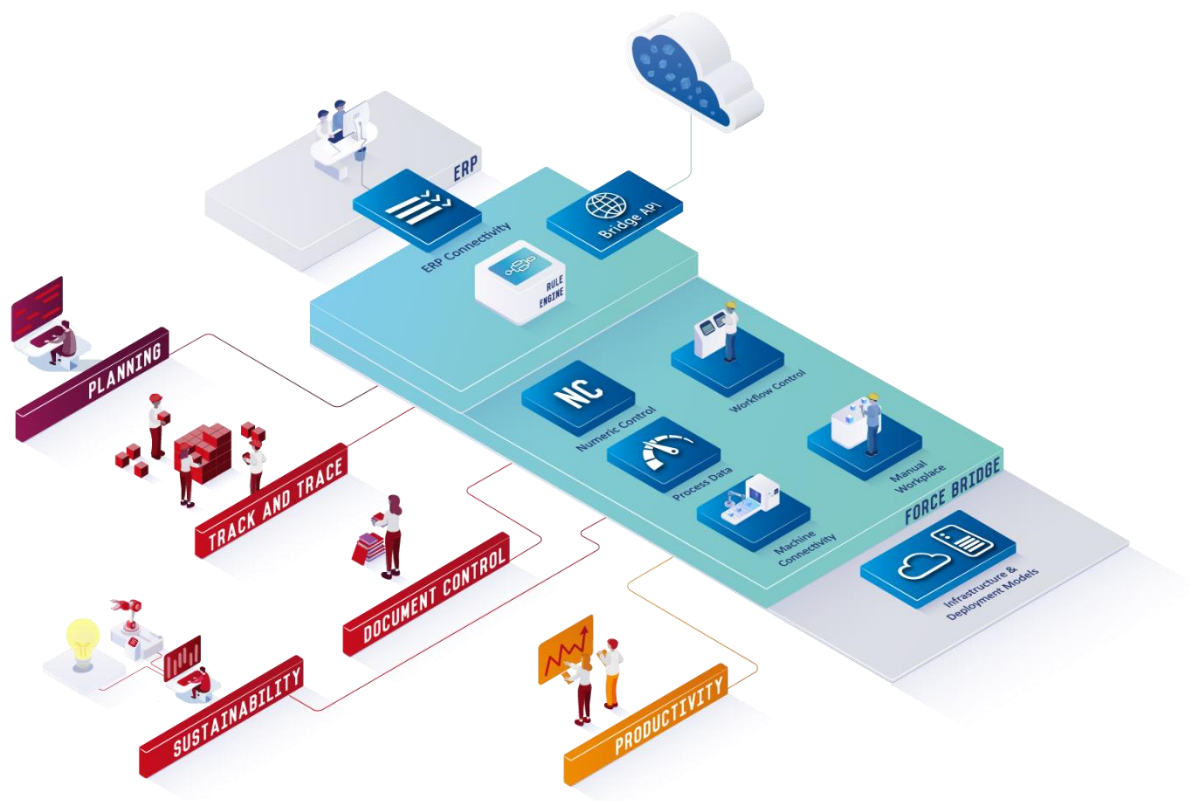
Fixed Bugs

FF-31021, SD-8622 (FF-31985) - Planned Maintenance - incorrect planning with German daylight saving time

Description

Planned maintenance planned and preview window were showing 1 hour difference in their maintenance times due to change of daylight saving time.

Fix

Time zone *rawoffset* has been adapted to consider the DST offset as well.

FF-31994 – Calling a URL in SFT (from Workbench Operation Base Page)

Description

Hostname placeholders (HOST, HOSTNAME, EXT_HOST) are not working for activity step URIRequesterActivityStep. It occurred on SFT > on activity step using URL constructed via URIRequesterActivityStep.

Fix

URL substitution is applied on the URL of URIRequesterActivityStep to resolve the hostname variable.

FF-32106 (FF-32373) – Digital Planning Board - Error when searching for orders

Description

No consideration of rollover of color index with (>= 16 block) color models defined.

Fix

Considered rollover of color index.

FF-32276 – Trace data does not get aggregated for energy reports

Description

Once recoding is set to true then it never went back to false. So after 1 hour aggregation aggregate lasted 24 hours data which takes a long time to process. The issue occurred in the trace processing energy aggregation job. Activate the energy aggregation job from the system configuration for trace.

Fix

The issue is fixed under the trace processing energy aggregation job.

FF-32314 (FF-32286) – SFT: Scripting activity step (Groovy) execution returns true even if execution validators are false

Description

The issue existed in activity step execute configuration. When multiple execute conditions are combined with 'OR' operator, even if none of the conditions was successful, the step was executed which should not be the case.

Fix

The framework is now extended to handle the conditional operators correctly.

FF-32353 – Multiple (same) confirmations to SAP

Description

Algorithm which filters the unnecessary/duplicate ERP messages could not filter some duplicate person-operation DURAT messages.

Fix

ERP Person-Operation duration reporting logic is updated to use the eventTimestamp instead of actionTimestamp so that unnecessary revision message filtering algorithm can use the orderIndex of the eventTimestamp to filter the unnecessary revision messages. EventTimestamp maintains an order of events as in orderIndex if there were multiple events at the same time.

FF-32368 – Entered Comment (Ticket) at manual workplace not shown in operation status history

Description

Ticket generation was not initially considered in the activity step.

Fix

Ticket generation is now introduced in the activity step.

FF-32399 (FF-32386) – FFScheduling gives an error when using the setup matrix

Description

The possibility to save a setup matrix with no entries was not present. An exception was logged and the saving process could not be completed. It occurred in the use case of FORCAM China.

Fix

The index table is checked when saving. Source of the setup matrix editor had to be changed.

FF-32403 – API CALLBACK fails authorize at endpoint

Description

The Registered callbacks could not authorize at the endpoint and returns 401.This issue occurs when Callbacks get triggered. Callbacks endpoint must have authentication enabled and Webservice API clients should be configured with valid configuration.

Fix

ClientId in callbacks is now read from JWT token so that it maps with the Webservice API client configuration and added "else" part in code to go to the global webservice configuration if API client configuration is not found.

FF-32407 – State Monitor NC Controller does not work

Description

Clicking on bread crumb "PDM Logs" did not close tabs and did not go back to the previous screen. It switched to "PDM Logs" instead.

Fix

Clicking on bread crumb "PDM Logs" now closes tabs and switches to "PDM Logs"

FF-32419 – Trace Migration tool not running with MongoDB version 4.2

Description

Mongo DB version 4.2 doesn't support script execution. This Issue occurred during the migration of trace data.

Fix

This issue is now fixed using "updateMany()" function which is available in MongoDB version 4.2.

SD-7501 (FF-31443) – Workplace configurations is set to default after update

Description

DB migrations overrode the custom "Workplace Configuration Column" configuration with default values.

Fix

Adapted all the migration scripts to not override the custom configuration with default values.

SD-8721 (FF-32134) – Daily report without content (Tagesreport ohne Inhalt)

Description

Too many concurrent exports caused other exports to fail because of the limitations of the used framework.

Fix

Introduced a thread pool to avoid the possibility of having too many concurrent exports that would cause instability.

SD-8867 (FF-32305) – Dashboard widgets cannot be moved individually with CTRL

Description

The widget could not be resized because it was blocked by an invisible, temporary widget.

Fix

Invisible, temporary widget are now ignored when widgets are resized

SD-8964 (FF-32391) – Ticket Editor - Stoppage Reason Filter shows only abbreviation

Description

In Newoffice Ticket Editor, only the abbreviations are displayed for the Stoppage Reason

Filter

Fix

Made the criteria for Stoppage Reason Filter to display the text column for stoppage reasons first and then the other options. Reworked the stoppage reason filter criteria *xml* file.

Appendix

Abbreviation/Term	Description
API	Application Program Interface
DB	DataBase
DST	Daylight Saving Time
DURAT	Durtation Message
JWT	JSON Web Token is an access token standardized according to RFC 7519, which makes it possible for two parties to securely exchange data.
NC	Numerical Control
PDM	Product Data Management
SFT	Shopfloor Terminal (terminal at the shopfloor for data colleciton, operating and interaction with ERP systems)
URI	Uniform Resource Identifier
XML	Extensible Markup Language