Bug Release Notes

Version 5.12.10

Release Information

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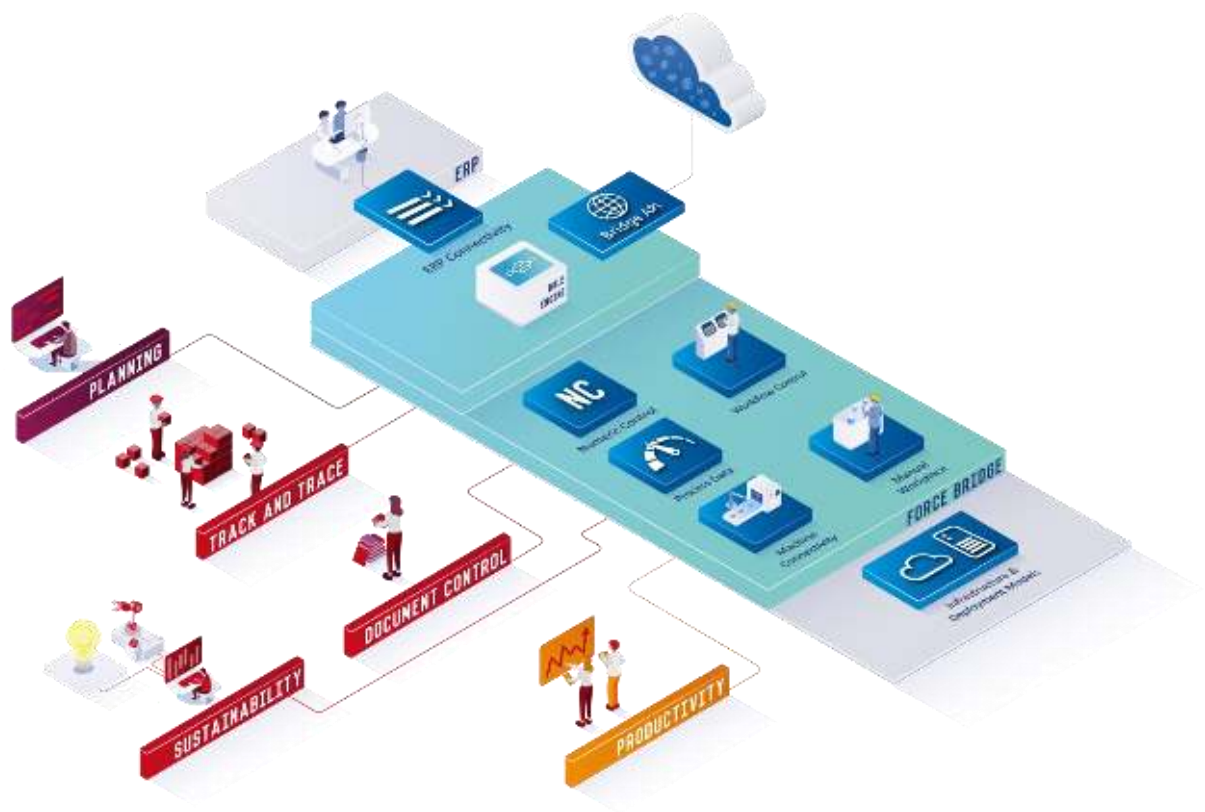
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Content

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 **5.12.10** 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-31439 (FF-32747) – Overwriting a template with multiple templates results in importing thousands of literals

Description

Overwriting one SFT template with an export of multiple templates resulted in thousands of literals being imported to the DB. The customer system generates 1.6million literals with few imports (less than 10).

Fix

When the user tries to overwrite a template with a file that has multiple templates user will be shown an error message.

FF-32675 (FF-32836) – Operations cannot be supplied if Send Operation Notifications is deactivated

Description

If **Send Operation Notification** is deactivated under workbench>Configuration>Administration Notification, then ERP download for Order/Operation was not working/being accepted.

Fix

Order/operation which needs to be shared with clients having **ServerEvents** are separated from existing infrastructure, so that **Send Operation Notification** is independent from existing functionality.

FF-32828 – File transfer using MOXA W2150A and FANUC controller does not function

Description

File transfer to a **FANUC** controller with the **MOXA** plugin was not working. Furthermore, **ssio_read** does not return an error when connection breaks with **MOXA**. This issue occurred in the **MOXA W2150A-US** environment with old Firmware and old **FANUC** controller

Fix

The error handling in communication with **MOXA** is improved. In addition, a reconnection is made accordingly. The signals **DTR** and **RTS** are switched on after setting serial parameters. Apropos of **FANUC** error **"DR signal off"**, the plugin now works with thread-safe (mutex is used). **Ssio_read** connection issue is fixed performing a workaround with **ssio_lstatus**. An error is shown when the communication between the **SerialMoxaWrapper.dll** and the **MoxaClientTool.exe** fails or vice-versa. A reconnection is carried out in the read loop immediately after a read error occurs. **MoxaTestTool** shows line status **CTS**, **DTR** and **DCD** and queue status.

FF-32834 – Attribute component user fields could not be displayed

Description

It was not possible to display the user fields of operation components in the operation details of operation view basepage.

Fix

Implemented the missing variable sets for operation component user field attributes for operation detail view.

FF-32839 – Send Recipe to Controller activity step changed/broken

Description

In a pre-existing SFT template, **Send Recipe to Controller** activity step assigned **Check Result** to an output variable. The result was not passed to the output parameter. This issue occurs in the activity step.

Fix

The result status is put into the output parameter. Close method of the activity step is turned on to put the result status into the output parameter.

SD-9199, SD-9271(FF-32804) – Server Side Activity inactive despite configuration

Description

In case of an activity, **NullPointerException** was not present.

Fix

NullPointerException is avoided in case of unavailability of an activity.

SD-9208 (FF-32842) – Dashboard editor frozen

Description

If many pop-ups are opened parallelly as it is done in the dashboard, the browser has performance problems when rendering the pop-ups

Fix

The report renderer error pop-ups are not shown in dashboards.

SD-9330, SD-9384, FF-30654 (FF-32852) – Shift Model cannot be added

Description

Shift-overlapping-check logic marked a shift as an overlapping shift despite starting at the same time as the previous end time.

Fix

The fix is done to not mark such a shift as overlapping when a shift starts at the end time of the previous shift.

SD-9364 (FF-32845) – FFTracingAquisition lost connection with DCU

Description

DACQ connects to DCU on a S7 controller. After the connection, FFTracingAquisition connects to the same controller. Then the connection to the DCU is blocked. A deadlock is shown while getting the thread dump with **jstack**. This issue does not occur when you first start **FFTracingAquisition** and then the DACQ after **FFTracingAquisition** has connected. In some cases, **FFTracingAquisition** should be started twice to trigger it.

Fix

The deadlock was caused by setting a thread name of a connection thread that already existed before. Now, before setting the thread name, there is a check whether the thread already has that name (getting the thread name does not set a lock but setting the thread name sets it). DCU had to be changed to fix this issue.

SD-9395 (FF-32868) – ffwebservices OutOfMemory during restart

Description

OutOfMemory exception occurred when restarting ffwebservices. It occurred because successful delivered messages were not cleaned up. These messages were processed in the recovery mechanism which loads all messages into memory leading to an **OutOfMemory** exception.

Fix

Ensured that callback messages which are kept for recovery are cleaned up correctly in case of successful delivery to the external consumer.

TC-4539 (FF-32699) – PersonWorkplaceStatus step in background activity throws NullPointer despite receiving a valid PersonDTO

Description

Application context was missing for Server Side Activity framework. This issue occurs for a few activity steps which uses application context during execution.

Fix

Server Side Activity framework is adapted to handle application context.

Appendix

Abbreviation/Term	Description
DACQ	Data Acquisition
DCU	Data Collection Unit
DNC	Distributed Numerical Control
DB	DataBase
SFT	Shopfloor Terminal