FORCAM FORCE™

Bug Release Notes
Version 5.11.33

Release Information

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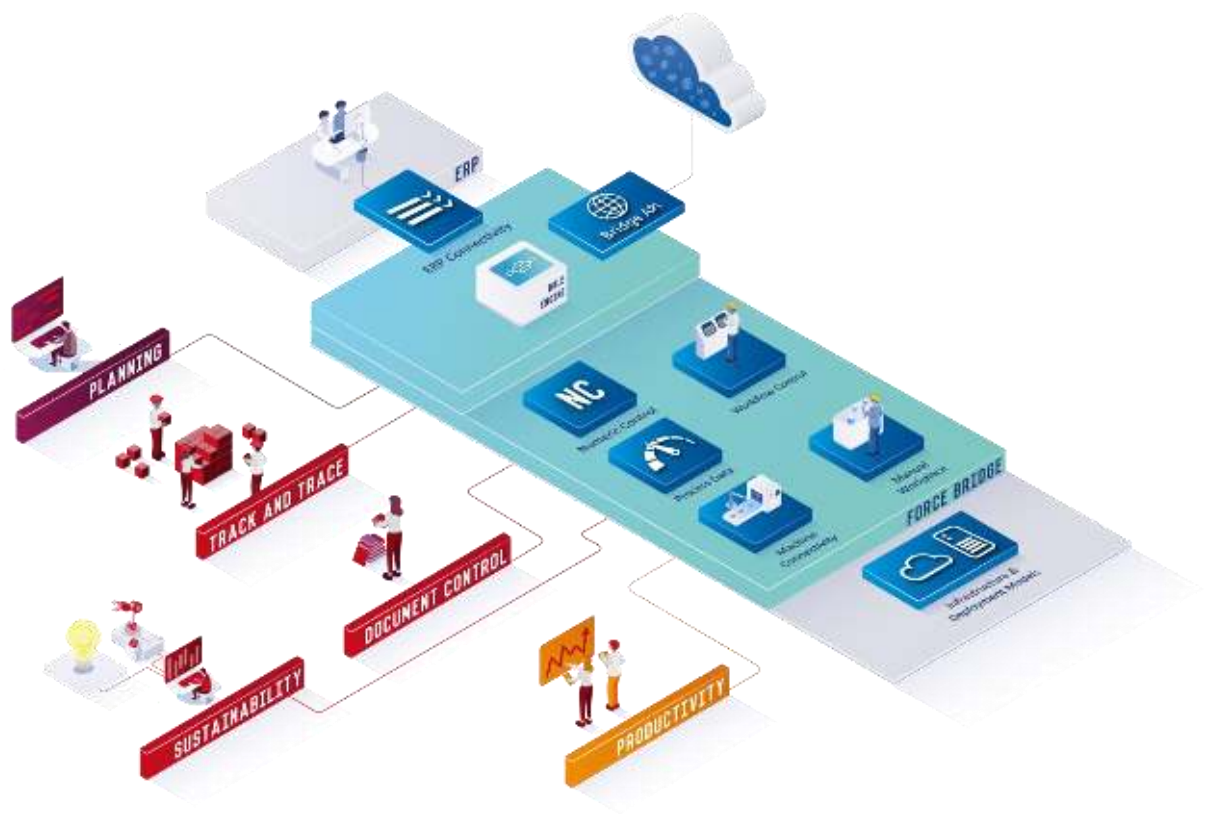👤 Author: Ali Egilmez

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 **5.11.33** 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-32320 - Status detail tree export exception

Description

The SQL request only supports a maximum of 2100 parameters per request. If more than 2100 unique status details were used in the status detail tree, this limit was exceeded while exporting the data.

Fix

Split request into multiple database requests when more than 1000 status details are requested at once.

FF-32406 - Quantities not reported when finishing an operation on manual workplace

Description

Under certain circumstances, operation quantities could not be booked to the ERP.
This could happen when they were sent together with a phase transition to **finished** and the person signing off at the same time.

Fix

The rearranging logic for events was adapted to produce the correct results.

FF-32412 - Remove SAP Upload XSLT logging per default

Description

The default TRACE logger for package **com.forcam.na.ffruntime.server.erp.upload** resulted in logging of XSLT configuration.

Fix

Added DEBUG logger for package **com.forcam.na.ffruntime.server.erp.upload.sap.connection** per default to suppress TRACE output.

FF-32504 - Trace Report: Process analysis could not show the complete data with workplace filter

Description

The process analysis report only displays 50 pieces with workplace filter.

Fix

Fixed the trace process analysis boundary conditions.

FF-32539 - Single Piece cannot be signed in follow-up order

Description

Logging out of a workplace did not conduct assembly steps. Only the operation was terminated on the workplace. SAP reported back as a function type = 2 (training).
The function types 2, 3 ,4 and 5 are not regarded by Track & Trace as finished and therefore the part which has a finial operation with function type 2 or 3, 4 and 5 could not be used in the next operation.

Fix

Fixed the Track & Trace assembly process to correctly conduct assembly steps.

FF-32552 - DNC: FilehandlerServer.exe throws exception when folder is empty

Description

Until now, if there were no files in a directory, an error message was displayed. But if there are no files in a file directory, this is not an error.

Fix

Now the selection list appears without entries.

FF-32559 - Node-RED not receiving callbacks anymore

Description

Node-RED did not properly handle HTTP requests with header **Connection: Uprgade** to HTTP2 as described on **issue 3314 on GitHub**.

Fix

Set default HTTP version to HTTP/1.1.

SD-7747 (FF-31803) - Rockwell plugin can crash DCU

Description

A client thread froze occasionally. Only a maximum of 100 client thread could be started.
If this blockage did not resolve itself within about an hour, the complete DCU froze.

Fix

The locking mechanism in the source code were reworked. More logging is being done, mainly in the Rockwell plugin. Requires native sources version 7.3.64.

SD-8692 (FF-32189) - Error when trying to import the malfunction tree

Description

Importing the malfunction tree in the Workbench as XML caused an exception.

Fix

Added null check to fix the exception.

SD-8758 (FF-32222) - Deleting a workplace causes an error

Description

While deleting the **WorkplaceHierarchyNode**, referenced data (**NonWorkingDay** & **FixedShift**) were not being deleted.

Fix

Referenced data are now deleted together with **WorkplaceHierarchyNode**.

SD-8893 (FF-32347) - Grey area at profile drop-down too big and visible at mouseover

Description

When hovering over the drop-down icon of the profile button on the top right corner, a grey field appeared which was too big that it also covered parts of the logout button.

Fix

Adjusted the styling of the menu button.

SD-8992 (FF-32500) - Javis creates SQL statements with more than 2100 parameters

Description

The DACQ overloaded ffruntime with SQL requests. Many of them failed because of too many SQL parameters (more than 2100 elements in the IN clause).

Fix

SQL requests with more than 1000 elements in an IN clause are now split up. Furthermore, the requests were changed so that the number of parameters do not get that large. The messaging class of the DACQ had to be changed.

Appendix

Abbreviation/Term	Description
DACQ	Data Acquisition (process signals that are collected by the DCU)
DCU	Data Collection Unit
DNC	Distributed Numerical Control
ERP	Enterprise Ressource Planning
HTTP	Hypertext Transfer Protocol (stateless protocol for transferring data at the application layer over a computer network)
SQL	Structured Query Language
XML	Extensible Markup Language
XSLT	XSL Transformation