



Bug Release Notes

Version 5.11.42

Release Information



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Content

- General 3**
- Fixed Bugs 4**
 - FF-32628 – Long loading time for Single Quantity Correction.....4
 - FF-32965 – Incorrect timeline even after corrections4
 - FF-33025 – SQL error while restarting ffruntime service4
 - FF-33355 – HDH machine stopped connection attempts until DCU restart.....5
 - FF-33365 – JMX RMI port reported open allowing remote code execution5
 - FF-33398 – SFT workplace table sort order is changing automatically5
 - FF-33441 – Large tomcat log files created.....5
 - FF-33459 – Operating state timeline (workplace) shows white stripes6
 - FF-33476 - STDOUT log in several logback.xmls6
 - FF-33484 – FFWorkbench performed bad during login/saving6
 - FF-33497 - Error while editing operating state6
 - FF-33498 - Inactive phase sent to ERP7
 - FF-33510 - Missing parameters in JAVIS parameters7
- Appendix 8**

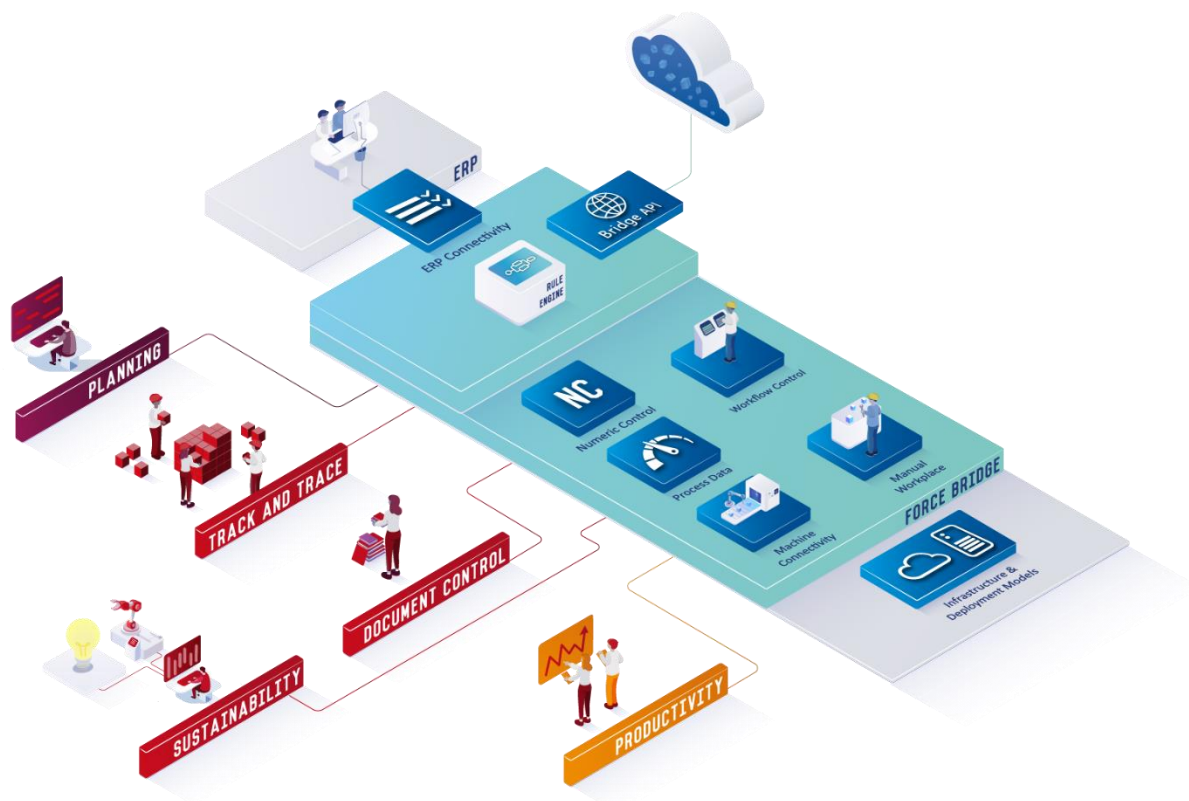
General

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 **5.11.42** 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-32628 – Long loading time for Single Quantity Correction

Description

In the Workbench correction UI (for e.g., Single Quantity. Operating State Manual Workplace or Operation-related Times), when the user tries to load the order, operation, or material filter it took a long time to load the data if there are a lot of active order, operations, and materials available inside the system.

Fix

In order to prevent the long loading time now order, operation, and material information are fetching from the system based on the selected time range. When the user changes the time range the corresponding active operations will be fetched from the event table (for e.g., for single quantity operation id's are fetched from FR_EVT_OPERATION_QTY table) then the related order and material information are also fetched accordingly.

FF-32965 – Incorrect timeline even after corrections

Description

When deleting the **Person Operation Related Time** with an archive point in between, the archive point leads to “keep the open interval” even if there are no events for the sign-on/sign-off valid anymore.

Fix

Now archive point does not keep the interval and reopens it if it should be deleted with the correction.

FF-33025 – SQL error while restarting ffruntime service

Description

Adjustments of the events in the same UTC were sometimes not defining the events indexes uniquely.

Fix

Adjustments of the events in the same UTC are made sure to be adjusted in the order uniquely.

FF-33355 – HDH machine stopped connection attempts until DCU restart**Description**

When the DCU lost the connection to a machine, it did not try to reconnect.

Fix

The reason for occurrence of this issue was that a false error code was returned and the system did not recognize the connection error. A returned error code was corrected in the native sources (C++ part).

FF-33365 – JMX RMI port reported open allowing remote code execution**Description**

JMX RMI port 1099 is accessible from outside allowing remote code execution.

Fix

In order to avoid exposing port 1099/TCP to the network, FORCAM recommends filtering it in the firewall setup. For more details see: Firewall Requirements, *FORCAM FORCE IIOT System Requirements version 5.11.35* (pg. 18).

FF-33398 – SFT workplace table sort order is changing automatically**Description**

Sorting in the SFT grids was not getting preserved in case of custom sorting done by a user in the views containing grids. It was a regression error which got introduced with a sorting related fix in the version 5.11.34.

Fix

Resorting of the grid was adapted to handle user preserved sorting.

FF-33441 – Large tomcat log files created**Description**

Warnings of unregistered connection trackers were locked.

Fix

The warnings of unregistered connection trackers are removed.

FF-33459 – Operating state timeline (workplace) shows white stripes

Description

When the time pagination in Gantt charts was used, white gaps appeared inside the Gantt chart even though there were data at that point.

Fix

White gaps do not appear when the time pagination of Gantt charts is used.

FF-33476 - STDOUT log in several logback.xmls

Description

Commenting out STDOUT logger was skipped due to missing distribution profile during repackaging step of worker and workbench.

Fix

Build profile is set during repackaging step of worker and workbench

FF-33484 – FFWorkbench performed bad during login/saving

Description

ActiveMQ Artemis server version was not in sync with client API. Performance problems in worker and workbench were raised. FINSTER Base must be run in order to update ActiveMQ Artemis.

Fix

In order to fix the issue, the version of ActiveMQ Artemis in FINSTER Base installation has been updated. Schema in management.xml of ActiveMQ broker had to be updated.

FF-33497 - Error while editing operating state

Description

A lot of events came late to the processing, so all of them were updated to the latest successfully processed event timestamp (2022-12-12 22:09:00) but with a higher **OrderIndex**. In addition, **OrderIndex** can have only 32767 as the max positive number.

Fix

Delayed containers which are adjusted to some T (timestamp) are limited to 20K. If there are events more than 20K then the remaining would be adjusted to T + 1ms and this continues if there are even more delayed events.

FF-33498 - Inactive phase sent to ERP

Description

LC was not considering the phase code [9, Waiting before processing] and [10, Waiting after processing] as inactive phases.

Fix

LCs are updated to not send **OperationStartERPDTO** in the case of the above-mentioned phases since they are inactive phases.

FF-33510 - Missing parameters in JAVIS parameters

Description

Default JDBC connection URL for SQL server was not able to handle secure SQL server connection. This issue occurs while using default JDBC connection URL to connect DACQ to SQL server using secure connection.

Fix

Javis.ini_template will now have required information to add an additional parameter in JDBC connection URL in case of SQL server, due to which the connection sometimes failed because of SSH. The existing javis.ini configuration file needed to be updated in JAVIS installation (in DACQ folder) with javis.ini_template file.

Appendix

Abbreviation/Term	Description
API	Application Programming Interface
DCU	Data Collection Unit
ERP	Enterprise Resource Planning
RMI	Remote Method Invocation
SFT	Shopfloor Terminal
SQL	Structured Query Language
UI	User Interface
UTC	Coordinated Universal Time