



# Functional Release Notes

Version 5.11.37

## *Release Information*



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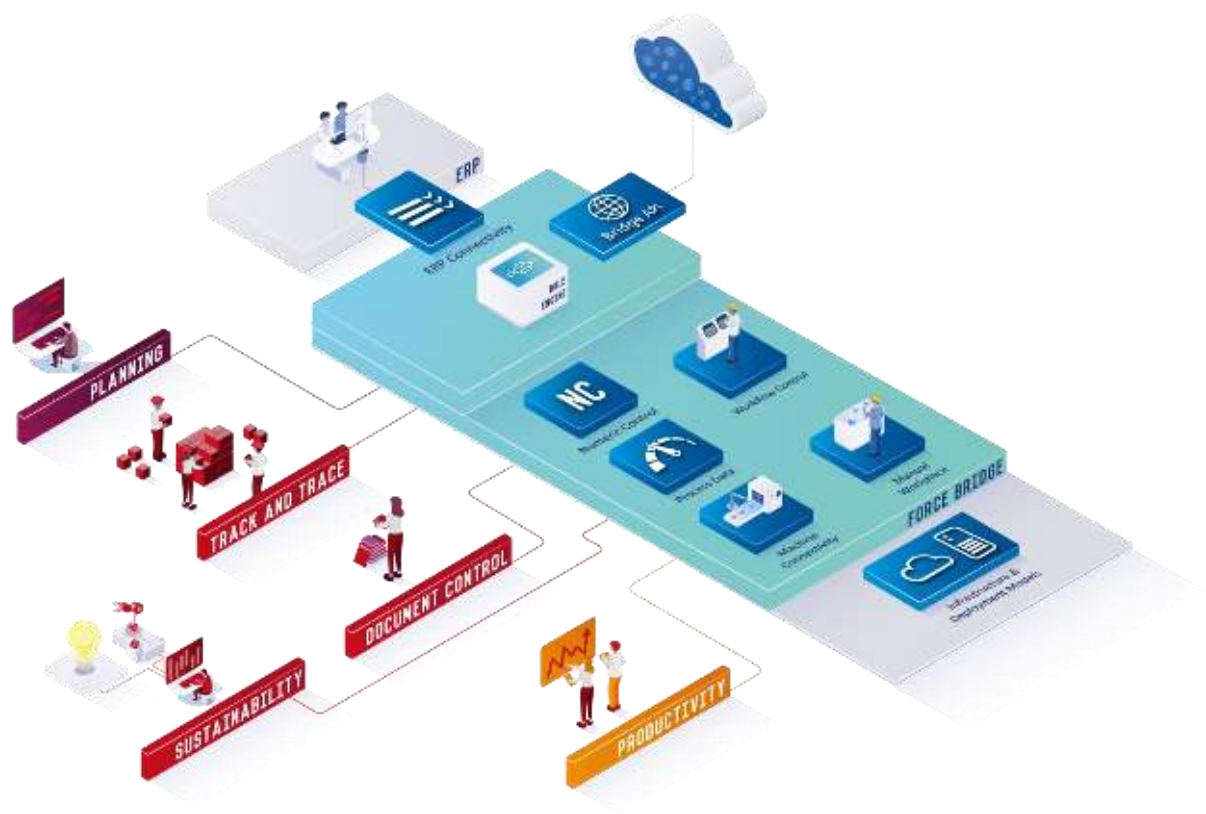
# 1 Overview

FORCAM provides companies with all the information they need to control and optimize their production. The modular IIoT 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 solution FORCAM FORCE IIOT further, to enrich it with functions, offering customers consistent growth and greatest possible use. For this purpose, several releases are published throughout the year.

This document lists functions that have been added or changed during the **5.11.37** release. It serves as an overview of the most important features to use FORCAM FORCE IIOT in the best possible way.

Detailed descriptions of the individual functions can be found in the respective product documentation.



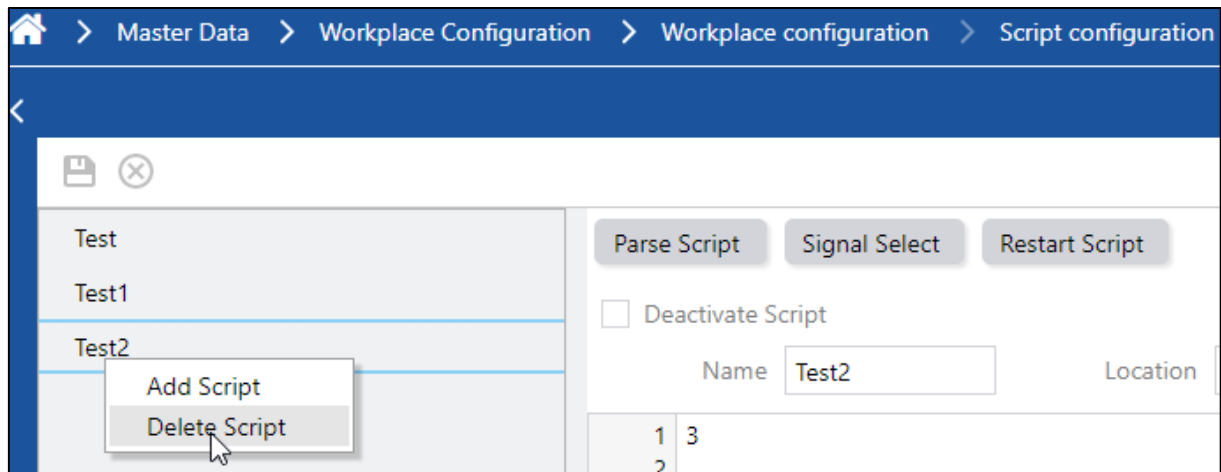
## 2 FORCE Common

### 2.1 Implementation of Deletion Confirmation

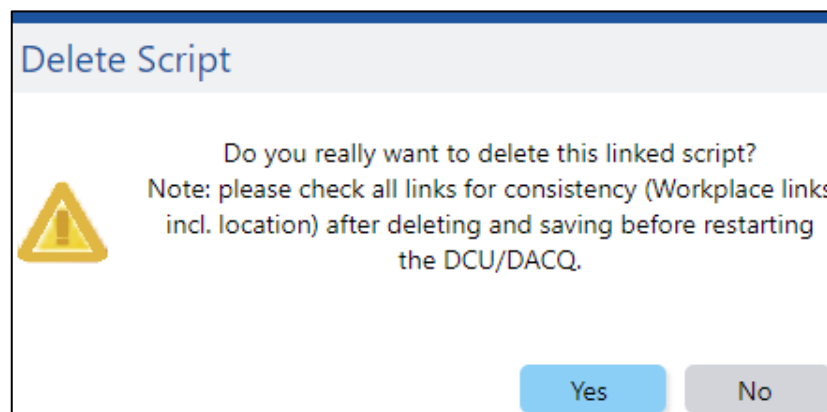
Affected module	Affected area	Status
Master Data	Script Configuration	New

**Path:** Master Data > Workplace Configuration > Script configuration

When the user right-clicks on the Script under Script Configuration, the user is shown two options (Add Script, Delete Script). As in the figure below:



Before, if the user selected **Delete Script**, the user did not have a chance to revert the script deletion without rolling back the complete page changes. With this implementation, the user is asked to confirm if the user really wants to delete the script and also given some useful hints as information. As shown in the figure below:



## 2.2 New Activity Step to Select Operation

Affected module	Affected area	Status
Workbench	Shopfloor Terminal Configurator	New

### FFWorkbench

#### Shopfloor Terminal Configurator: Select and focus an operation

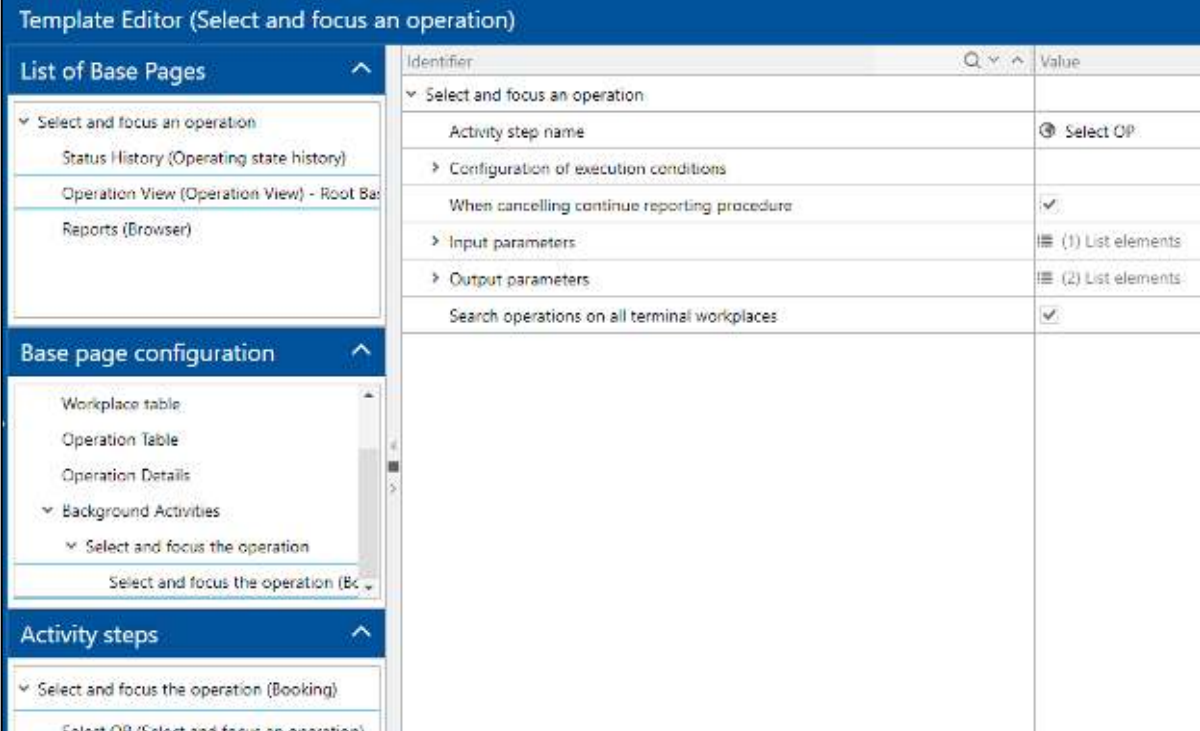
New activity step implemented which takes the operation as input parameter and if the operation is found, the focus is set for the respective operation in the terminal base page operation table.

New dark step to Select and focus an operation (**SelectAndFocusOperationActivityStep**) is created which is responsible for:

- Auto selection and auto focus of a given operation in the operation table of terminal basepage Operation View.
- Search for the given operation in all the terminal workplaces, if configured.

#### Step configuration:

- **Search operations on all terminal workplaces** - Enables the searching of operation in all terminal workplaces.



The screenshot shows the 'Template Editor (Select and focus an operation)' interface. On the left, there are three main sections: 'List of Base Pages', 'Base page configuration', and 'Activity steps'. The 'List of Base Pages' section includes 'Select and focus an operation', 'Status History (Operating state history)', 'Operation View (Operation View) - Root Base', and 'Reports (Browser)'. The 'Base page configuration' section includes 'Workplace table', 'Operation Table', 'Operation Details', 'Background Activities', and 'Select and focus the operation'. The 'Activity steps' section includes 'Select and focus the operation (Booking)' and 'Select OP (Select and focus an operation)'. The main area on the right is a table with columns 'Identifier' and 'Value'. The table contains the following rows:

Identifier	Value
▼ Select and focus an operation	
Activity step name	⊕ Select OP
▶ Configuration of execution conditions	
When cancelling continue reporting procedure	<input checked="" type="checkbox"/>
▶ Input parameters	☰ (1) List elements
▶ Output parameters	☰ (2) List elements
Search operations on all terminal workplaces	<input checked="" type="checkbox"/>

## 2.3 Extension of the ticket system

Affected module	Affected area	Status
FFWorker	CreateTicketActivityStepUI	changed

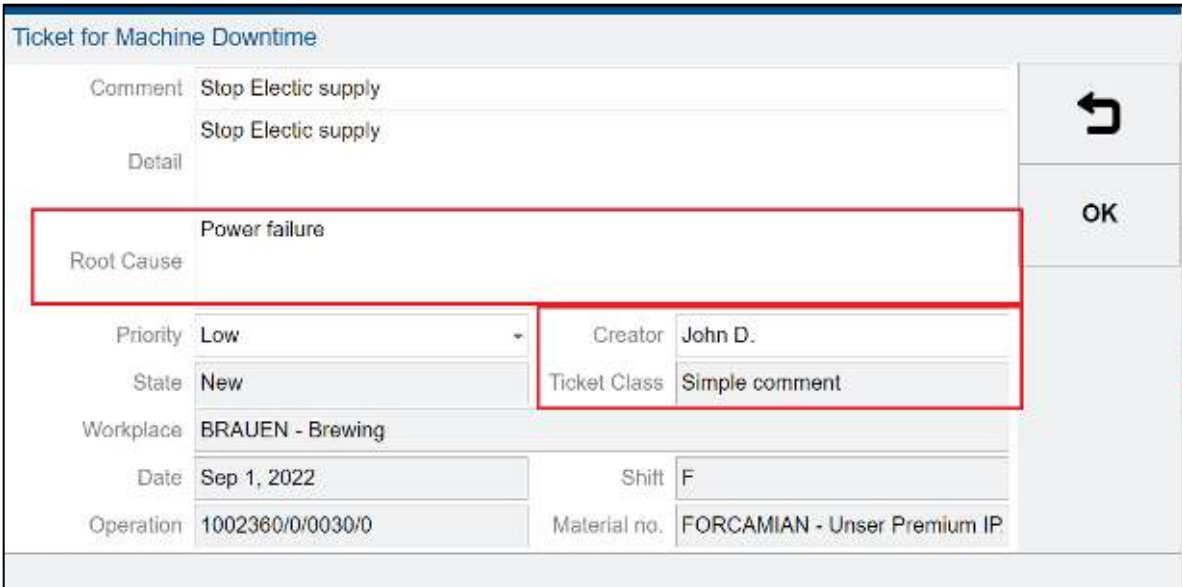
### FFWorker

#### CreateTicketActivityStepUI

From SFT – via using the activity step **Dialog for the submission of a ticket**, user can create a new ticket with providing comment, detail and priority. While creating the ticket, it is not possible to identify who has created the ticket. For updating the root cause, user has to login to Office-client > Ticket management and update there.

With this update the following new attributes are added to this activity step:

- Root cause – free text user input
- Creator – free text user input
- Ticket class – Read only and show based on configuration in activity step



**Ticket for Machine Downtime**

Comment: Stop Electric supply

Detail: Stop Electric supply

Root Cause: Power failure

Priority: Low

State: New

Workplace: BRAUEN - Brewing

Date: Sep 1, 2022


Operation: 1002360/0/0030/0

Creator: John D.

Ticket Class: Simple comment

Shift: F

Material no.: FORCAMIAN - Unser Premium IP

 For existing template configuration, the size of dialog is needed to be manually adjusted

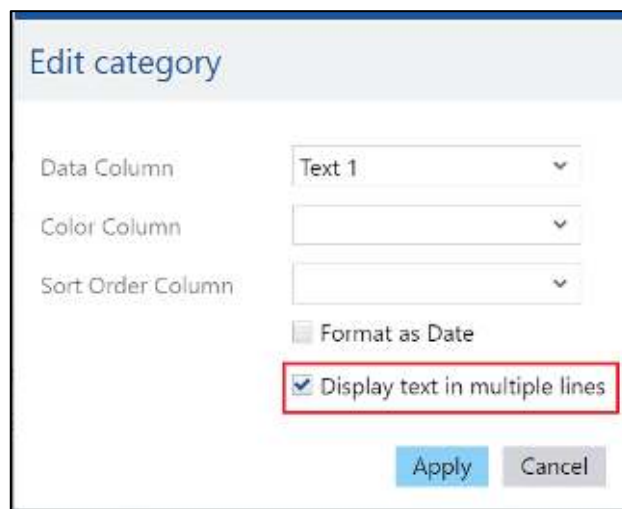
### 3 Productivity

#### 3.1 Wrap Long-Text in Report

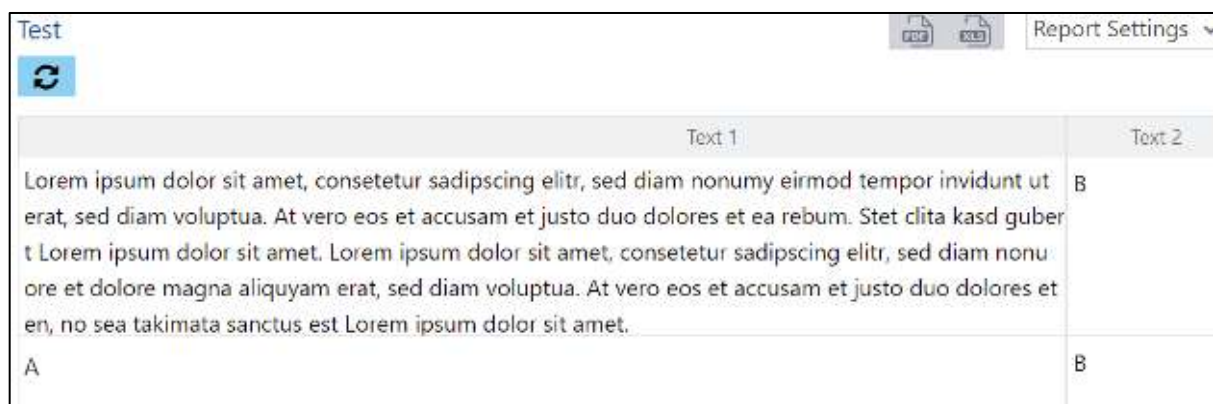
Affected module	Affected area	Status
Workbench	Report Editor	New

#### Reporting

In the report editor, a column of a table report can be configured to use multiple lines instead of one:



If a column is configured to use multiple lines, the row height of the table will be increased and the text will be split into multiple lines if it does not fit into the column.



**i** Due to restrictions of the **Vaadin** framework, it is not possible to give each row an individual height. If the height of one row is increased, it will also be applied to the other rows (see screenshot above).

## Productivity

- ❗ The configuration is not applied, when the table is transposed, as transposed tables use the full width.

### PDF Export

In the PDF export, the line breaks are already added when the text does not fit into the column. However, having tables with multi line columns will still influence the look of the exported table. The available width of the PDF page will be distributed among the single line columns of the table, the multi-line columns will only get the remaining space. Multi-line columns are also not considered when it is checked if the table width exceeds the page width.

## 3.2 Security Function Labor Auto sign Off

Affected module	Affected area	Status
FFRuntime	Labor Time	New/Changed

### FFRuntime

#### AutoSignOff

When the worker logs in the first time on the Workplace, the auto sign-off timer starts and the person will automatically sign off from all workplaces and operations when the timer will reach to defined hours/minutes from the first logged in workplace. Inside this timeframe the worker can log on/off multiple times on different workplaces/operations.

- ❗ The auto sign-off timer does not consider shift or day changes and runs until it expires.
- ⚠ For workplaces with different booking logic, they have a separate auto sign off timer.



## 4 Appendix

Abbreviation/Term	Meaning
ERP	Enterprise Resource Planning
FLS	Fertigungsleitstand (Detailed Order Scheduling)