



# Functional Release Notes

Version 5.11.19

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## *Release Information*



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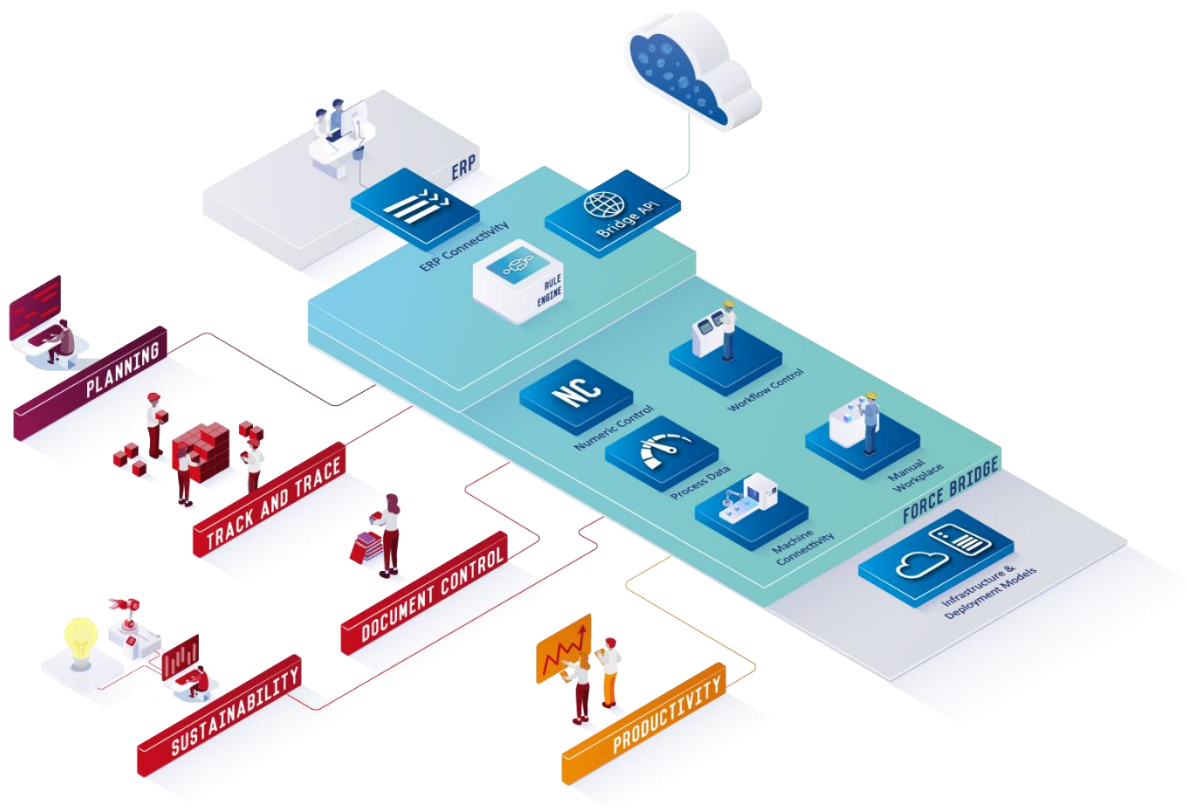
# 1 General

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

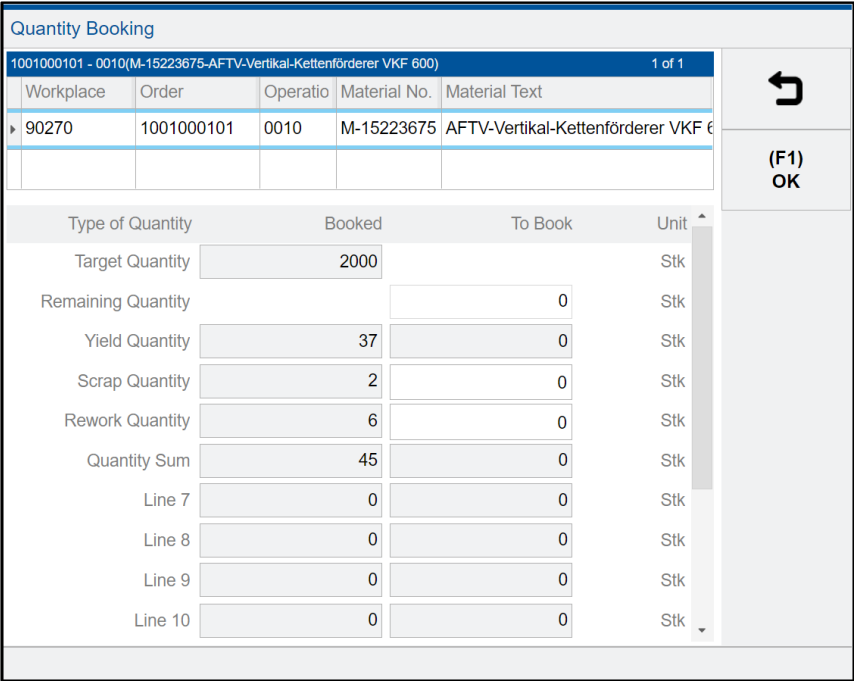
This document lists functions that have been added or changed in the course of the **5.11.19** release. It serves as an overview of the most important features in order to use FORCAM FORCE™ in the best possible way.

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



## 2 SFT Configuration

Title	Description	Affected module	Affected area	Status																																
<p><b>Quantity booking dialog enhanced</b></p>	<p>In the quantity booking activity step (“Dialog for booking of operation quantities”) you can configure quality types to be displayed in the booking dialog. For example: To display the “Remaining Quantity” for an operation, you can configure the expression “Target Qty minus Yield Qty”.</p> <p>The quality type configuration has been enhanced: The parameter “Expression for preset only” was added. If checked, the configured expression will be a preset expression only. This means that once the booking dialog opens, the configured line (in the above example “Remaining quantity”) will display the configuration made in that expression (in this example Target quantity minus Yield quantity). The Remaining quantity can still be edited in the dialog itself, however, the expression will not be recalculated once it is changed/edited by the user.</p> <table border="1" data-bbox="412 837 1420 1361"> <thead> <tr> <th>Identifier</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>&gt; Quality type configurations for active operation</td> <td>^ v ☒ Quality type configurations for active operation</td> </tr> <tr> <td>∨ Quality type configurations for active operation</td> <td>^ v ☒ Quality type configurations for active operation</td> </tr> <tr> <td>Quantity name</td> <td>🔍 Remaining Quantity</td> </tr> <tr> <td>Name of quality types for the plausibility check</td> <td>RemainingQty</td> </tr> <tr> <td>Reason Mode</td> <td>☒ Quantity changeable</td> </tr> <tr> <td>Attribute key for booked quantity</td> <td>☒</td> </tr> <tr> <td>Attribute key for incremental quantity</td> <td>☒ Machine qty (Operation)</td> </tr> <tr> <td>Show Booked quantities</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Show quantities increment</td> <td><input checked="" type="checkbox"/></td> </tr> <tr style="border: 2px solid red;"> <td>Expression for preset only</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Expression</td> <td>TargetQty - YieldQty</td> </tr> <tr> <td>Validator for input values in the surface</td> <td>☰ (0) List Elements</td> </tr> <tr> <td>&gt; Quality type configurations for active operation</td> <td>^ v ☒ Quality type configurations for active operation</td> </tr> <tr> <td>&gt; Quality type configurations for active operation</td> <td>^ v ☒ Quality type configurations for active operation</td> </tr> <tr> <td>&gt; Quality type configurations for active operation</td> <td>^ v ☒ Quality type configurations for active operation</td> </tr> </tbody> </table>	Identifier	Value	> Quality type configurations for active operation	^ v ☒ Quality type configurations for active operation	∨ Quality type configurations for active operation	^ v ☒ Quality type configurations for active operation	Quantity name	🔍 Remaining Quantity	Name of quality types for the plausibility check	RemainingQty	Reason Mode	☒ Quantity changeable	Attribute key for booked quantity	☒	Attribute key for incremental quantity	☒ Machine qty (Operation)	Show Booked quantities	<input type="checkbox"/>	Show quantities increment	<input checked="" type="checkbox"/>	Expression for preset only	<input checked="" type="checkbox"/>	Expression	TargetQty - YieldQty	Validator for input values in the surface	☰ (0) List Elements	> Quality type configurations for active operation	^ v ☒ Quality type configurations for active operation	> Quality type configurations for active operation	^ v ☒ Quality type configurations for active operation	> Quality type configurations for active operation	^ v ☒ Quality type configurations for active operation	Workbench	SFT	New
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	<p>Additionally, the quantity lines in the booking dialog are now dynamic: A scroll bar appears if there are more quantity lines configured than the space available.</p> 			

### 3 Appendix

<b>Abbreviation</b>	<b>Meaning</b>
SFT	Shopfloor Terminal
QTY	Quantity