



Technical Release Notes

Version 5.12.16

Release Information



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1 Overview

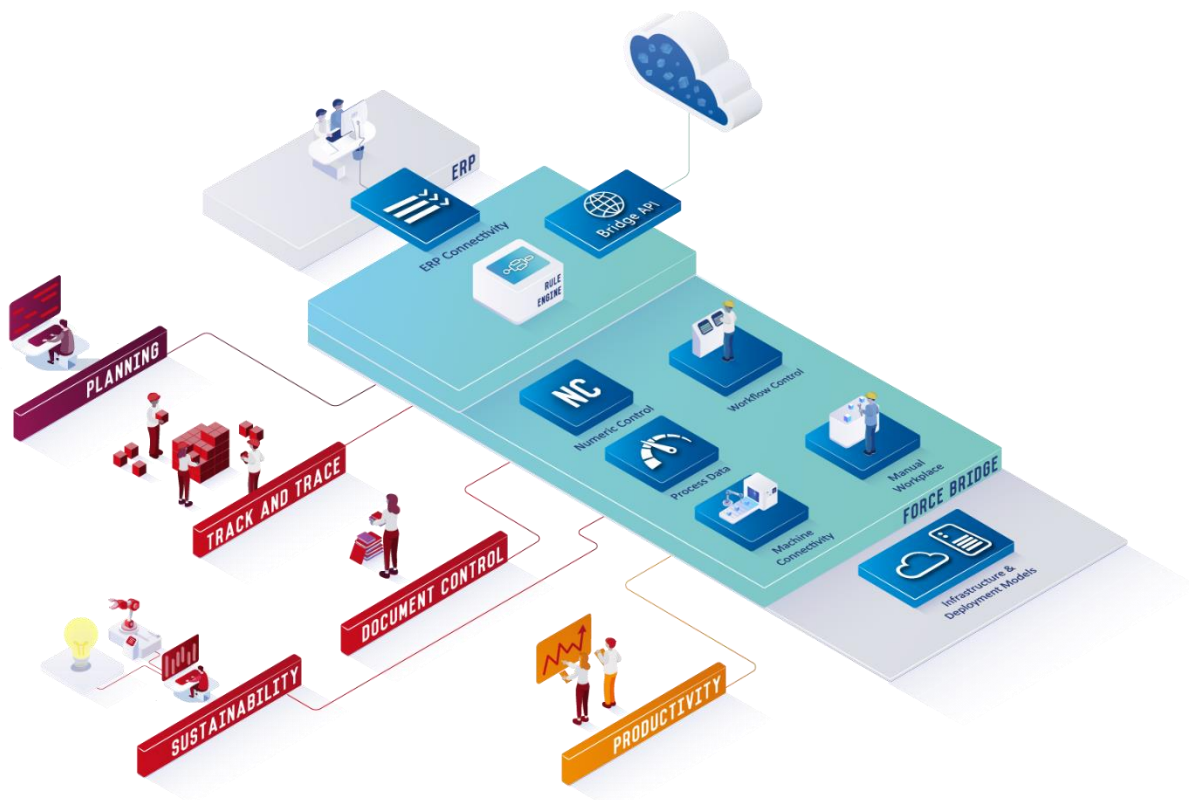
FORCAM provides companies with all the information they need to control and optimize their production. The modular IIoT solution FORCAM FORCE IIOT is as flexible as the needs of customers. With a variety of production apps, FORCAM helps companies to make their processes more transparent and improve their 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 technical changes during the 5.12.16 release. It provides an overview about configurations and parameters that are new or changed for FORCAM FORCE IIOT. For changes in the functionality, please refer to the Functional Release Notes of this release.

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

 In some cases, there are no technical changes. These are marked accordingly.



2 FORCAM FORCE IIOT COMMON

2.1 Productification SSO & FFAUTH

Affected module	Affected area	Status
FFAuth	FFAuth	New/Changed

None

2.2 Container Availability Report

Affected module	Affected area	Status
FFNewoffice	Container Reporting	New

All the double values like “Availability %” and “Total Quantities” will be display as per the global decimal configuration in workbench application.

Exclusions:

- No displaying of historical container availability data.
- No pagination for the container information as well as on container details result view.
- No auto-refresh.

2.3 Slovenian and Serbian Language

Affected module	Affected area	Status
FFWorkbench	Localization	New

None

2.4 Change default system user password on initialization

Affected module	Affected area	Status
FFSetup	Database Initialization	New

None

2.5 Support for Windows 11 (Client)

Affected module	Affected area	Status
FFWorkbench	FFWorkbench	New

See system-requirements of the release:

- Migration steps
- Database changes
- API changes

3 Productivity

3.1 Extension of Activity Step “Dialog For Input Any Value” with Input Parameters

Affected module	Affected area	Status
Shopfloor Terminal	Shopfloor Terminal Configurator	New/Changed

None

3.2 Operation details report available as product standard

Affected module	Affected area	Status
FFNewOffice	Reporting	Changed

None

3.3 Transfer Filter Criteria literals to the main CSV

Affected module	Affected area	Status
FFNewOffice	Reporting	Changed

None

3.4 Graphical Correction Process

Affected module	Affected area	Status
FFWorkbench	Corrections	New/Changed

The behavior of the configuration under System configuration -> Data life cycle management -> Maximum time window for correction was slightly changed. Before this version the runtime took an exact 24-hour timeframe for the correction window for every day configured. This means previously if the current time is 26. Oct. 2022 8:00 am then the correction timeframe for 1 day was from the 25. Oct 2022 8:00 am until 26. Oct. 2022 8 am.

With the new behavior the runtime uses the midnight timestamp as validation. Here are a few examples with the current time 26. Oct. 2022 8:00 am:

Maximum time window for correction	From (In Runtime/System Timezone)	To (In Runtime/System Timezone)
1 Day	25. Oct. 2022 12:00 am (midnight)	26. Oct. 2022 8:00 am
3 Days	23. Oct. 2022 12:00 am (midnight)	26. Oct. 2022 8:00 am

Additional Information:

The timestamps for the correction window are using the runtime/system time zone. Therefore, the local correction time window time can change with the selection of different time zones.

3.5 Assembly Plan Mode Configuration

Affected module	Affected area	Status
FFWorkbench	Shopfloor Terminal	New

None

4 Platform & Connectivity

4.1 Remove Experimental API

Affected module	Affected area	Status
BridgeAPI/ERP Connectivity	BridgeAPI/ERP Connectivity	Changed

None

4.2 Using OPC UA alarm events

Affected module	Affected area	Status
OPC UA plugin	OPC UA plugin	New

The changes affect:

- The OPC UA plugin (Java part and wrapper DLL)
- The error code mapping to accept error codes with string values.

 No database migration is necessary.

5 Appendix

Abbreviation/Term	Meaning
API	Application Programming Interface
DLL	Dynamic Link Library
OPC UA	Open Platform Communications Unified Architecture
SSO	Single Sign-on