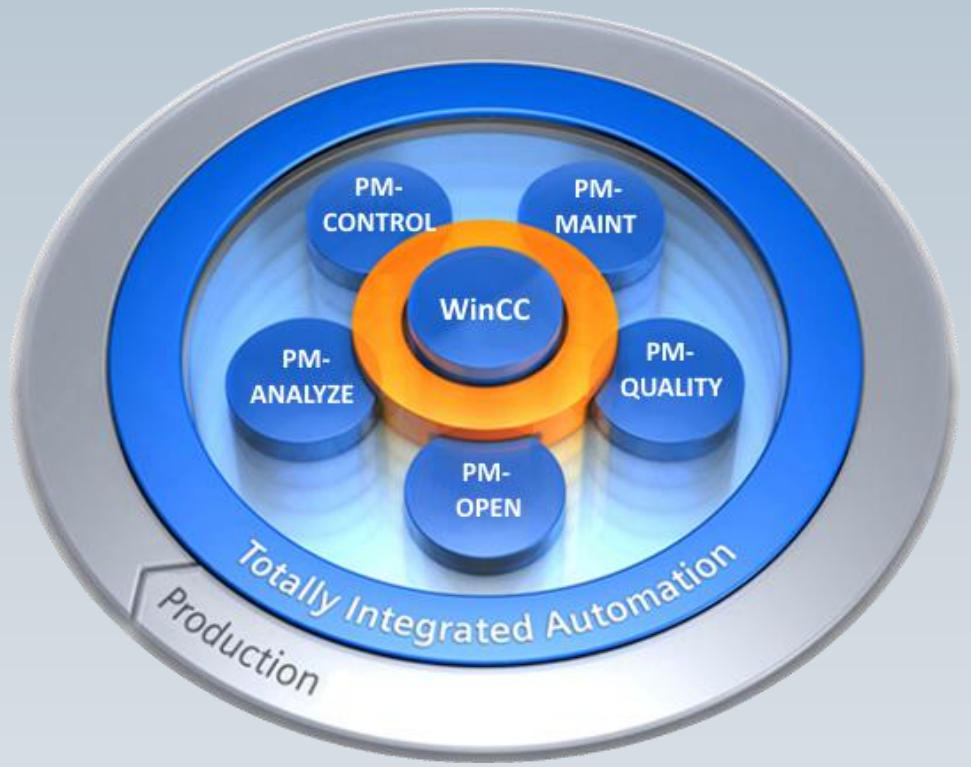
SIEMENS
Ingenuity for life



PM-MAINT V10.8 - What‘s new

Process Management System **http://www.siemens.com/process-management**

PM-MAINT
New Features in Version 10

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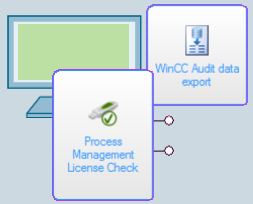
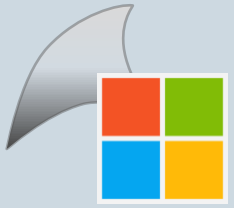
	PM-SERVER: Filtered tag import from WinCC
	New PM-SERVER function blocks
	Support of OPC UA

	Support of new SCADA system and operating system versions
	Support of SQL Servers 2014 including 64 bit versions

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PM-MAINT
New Features in Version 10.1

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	QuickSearch
	Quick access of PM-MAINT records
	Email Notifications for posted Requests
	Support of new SCADA system versions

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PM-MAINT
New Features in Version 10.3

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	Quick access to important documents
	External documentation
	Support of new SCADA system versions

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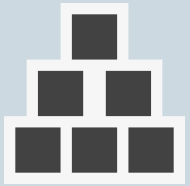
PM-MAINT
New Features in Version 10.5

SIEMENS

	Custom email subjects with placeholders
	Custom icons for Order Types And Notification Types
	Reports with full object hierarchy
	Support of new SCADA system versions

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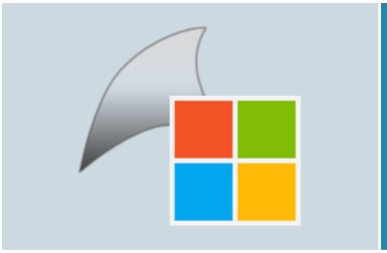

Support of new SCADA system and operating system versions

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Notification Reports with required Materials of associated Order

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Support of new SCADA system versions

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New in Version 10:
PM-SERVER: Filtered tag import from WinCC

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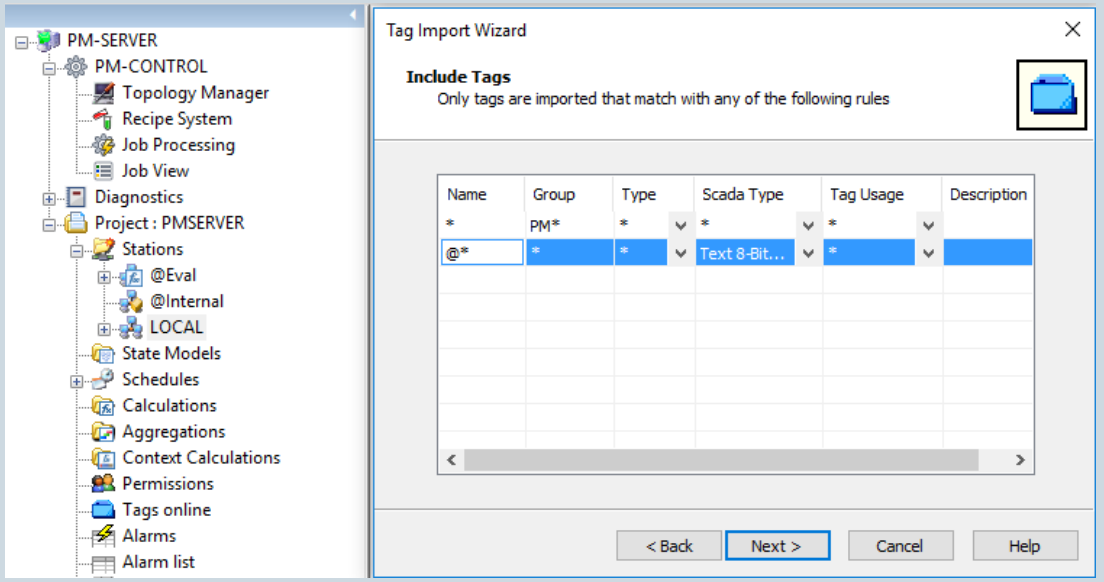
During the configuration of a PM-MAINT project you have to import the tags of a WinCC project into the PM-SERVER.

The PM-SERVER now allows to define a filter for importing only the tags which are relevant for the PM-MAINT project.

Tags which are used only in the SCADA system itself can be excluded.

This improves the performance and clarity.



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New in Version 10:
New PM-SERVER function blocks

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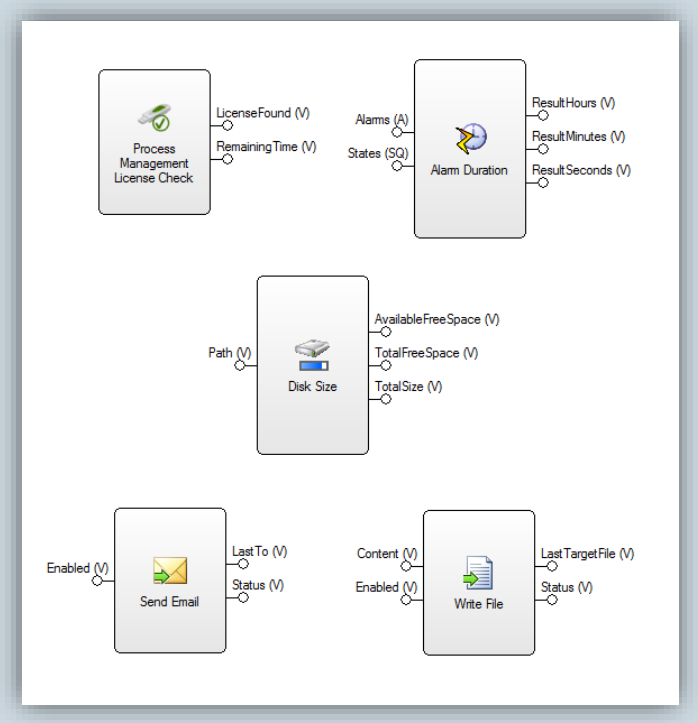
PM-SERVER is able to calculate values depending on input values.
A calculation can range from simple arithmetic calculations to complex operations.

Among others these new function blocks are now available:

- Process Management license check
- Evaluating alarm duration and state models
- Monitoring the size of directories and drives
- Sending calculation results via email
  (e.g. alarm analysis or as signalization of events)
- Saving calculation results in files
  (e.g. alarm analysis or as signalization of events)



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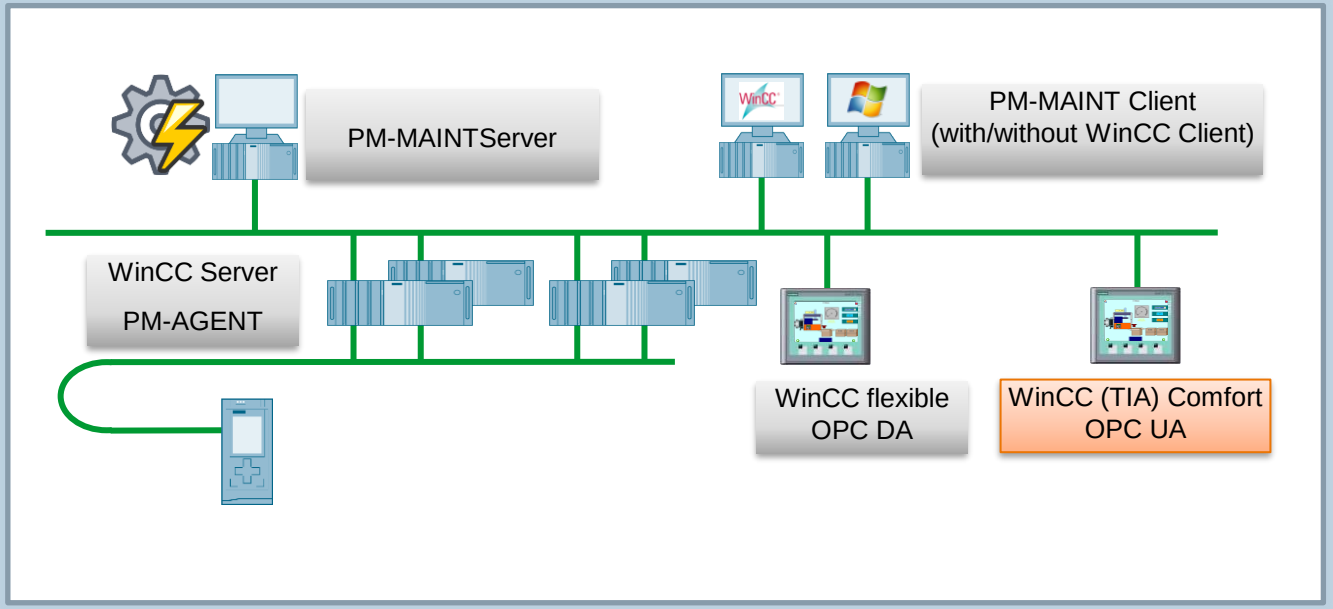
New in Version 10:
Support of OPC UA

HMI systems like WinCC (TIA) Comfort / Advanced or other OPC servers provide their tag values via their individual integrated OPC UA interfaces.

The following station types are available in PM-SERVER:

- PM-AGENT
  (WinCC version 7.2 to 7.4)
- OPC DA station
- **OPC UA station**
- Text import station



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New in Version 10:
SCADA system versions

SIEMENS

The following SCADA system versions are supported:

- WinCC V7.2
- WinCC V7.3
- **WinCC V7.4**
- WinCC TIA V13
- WinCC TIA V13 SP1

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New in Version 10:
Operating system versions

SIEMENS

Support of the following operation system versions:

- Windows 7 Professional, Enterprise, Ultimate 32-/64-Bit
- Windows 8.1 Professional, Enterprise 32-/64-Bit
- Windows Server 2008 R2 64-Bit
- Windows Server 2012 R2 64-Bit
- Windows 10 Professional, Enterprise 64-Bit

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New in Version 10:
SQL Server versions

SIEMENS

Support of the following SQL Server versions:

- SQL Server 2014
- SQL Server 2008 R2
- SQL Server 2008

  each with Standard and Developer Edition; 32 and 64 bit

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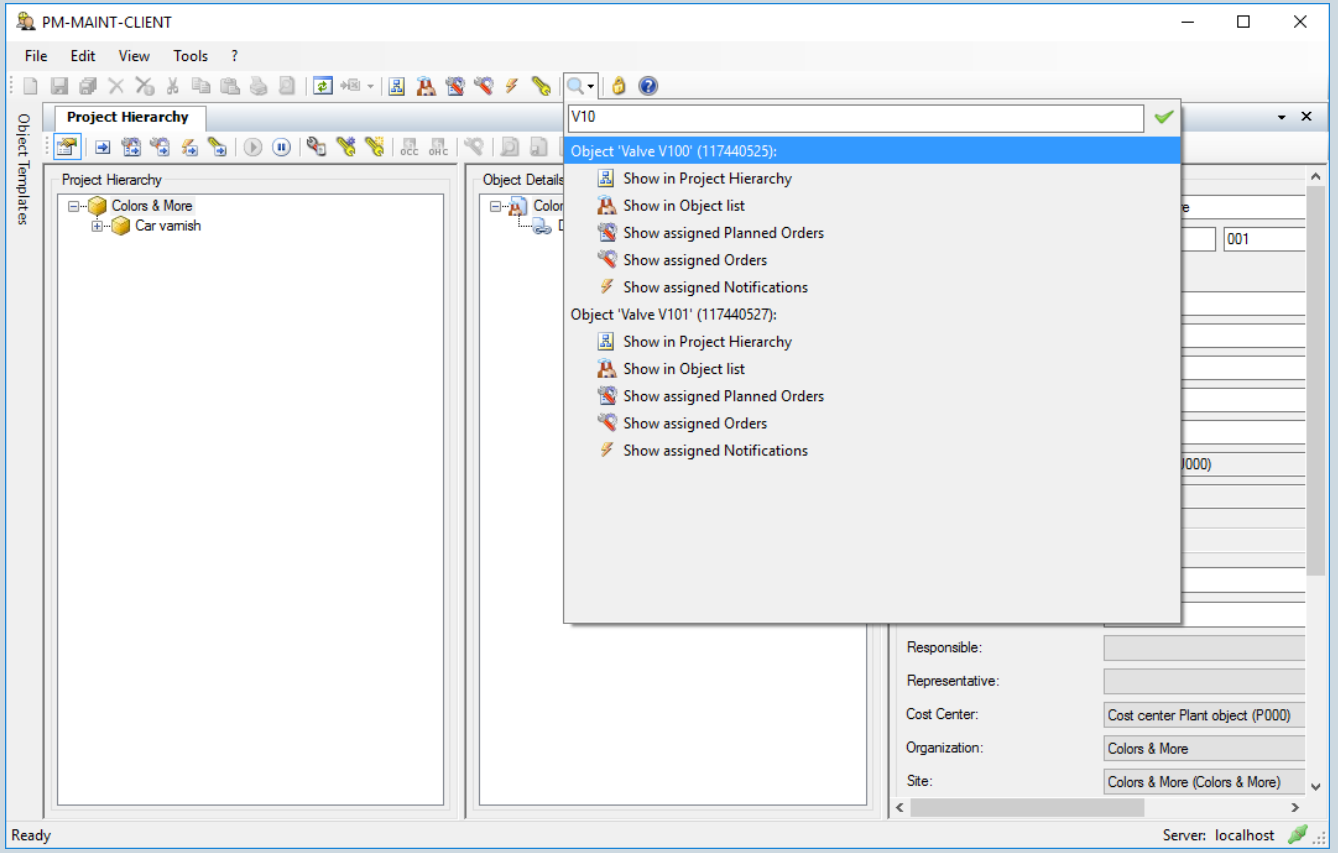
New in Version 10.1: QuickSearch

SIEMENS

The new QuickSearch allows quick location of PM-MAINT objects and associated records.



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New in Version 10.1:
Quick access of PM-MAINT records

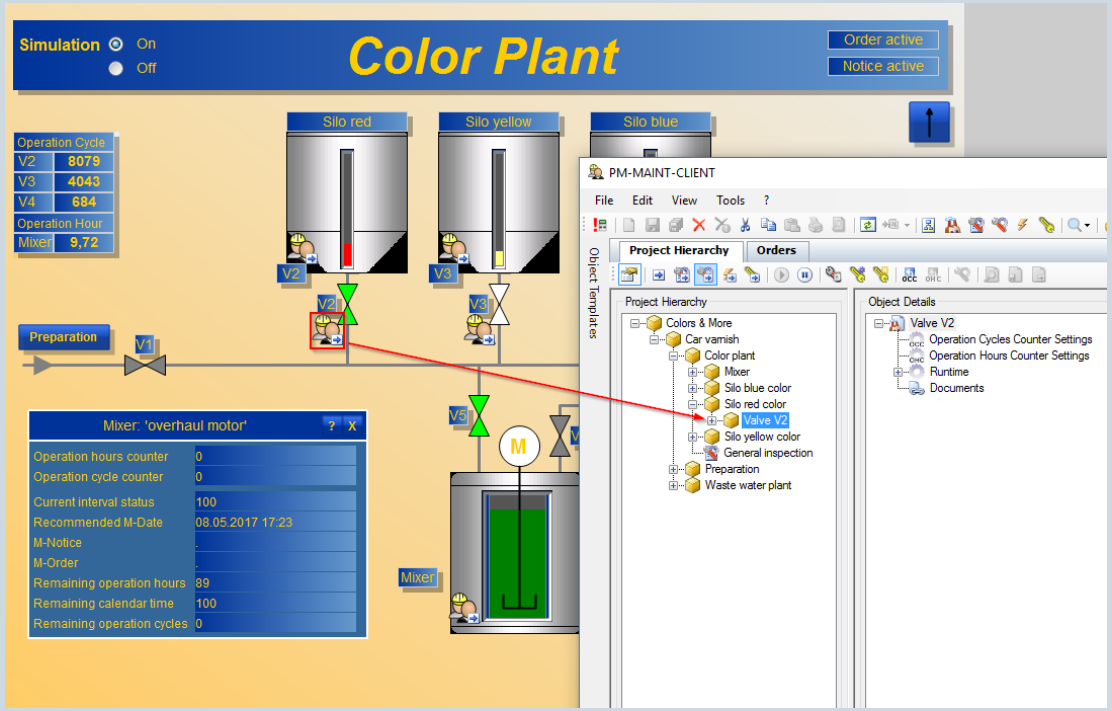
PM-MAINT records can be accessed by their URL, e.g.:

pmm://object/100663318?target=ProjectHierarchy

This executes PM-MAINT client and displays the associated record.

URLs can be executed many ways, e.g.:

- Embedded in a protocol/website/email
- Script on a WinCC picture
- Scanning a QR-Code/Barcode attached on a physical object.



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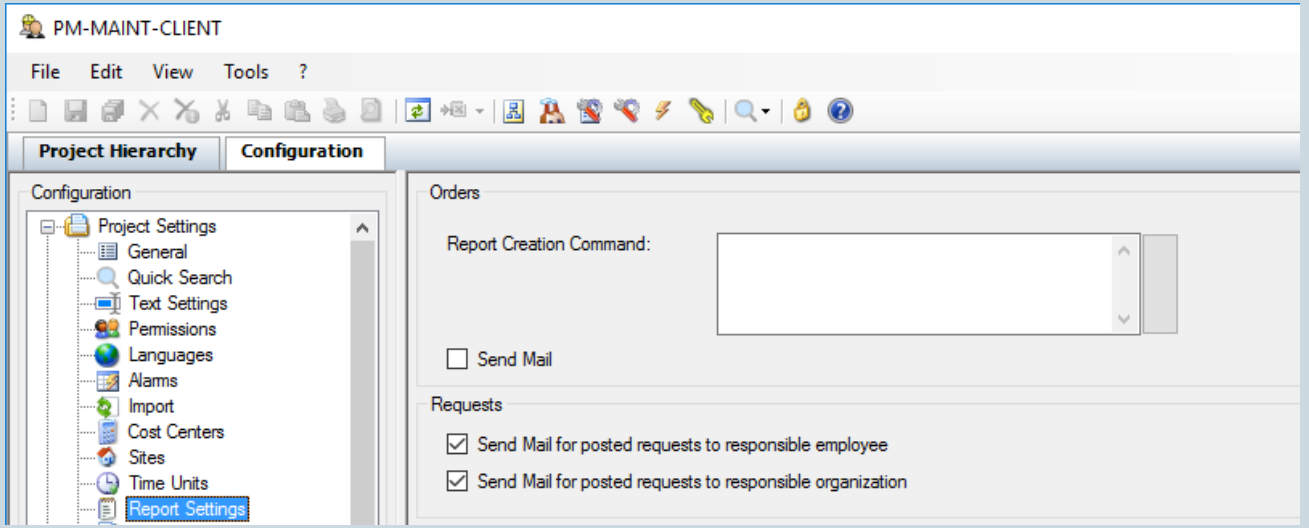
New in Version 10.1:
Email Notifications for posted Requests

SIEMENS

Employees can be notified by email if a new request was posted on an object.



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New in Version 10.1:
SCADA system versions

SIEMENS

The following SCADA system versions are supported:

- WinCC V7.2
- WinCC V7.3
- WinCC V7.4
- WinCC TIA V13
- WinCC TIA V13 SP1
- **WinCC TIA V14 (beginning with Update 2)**

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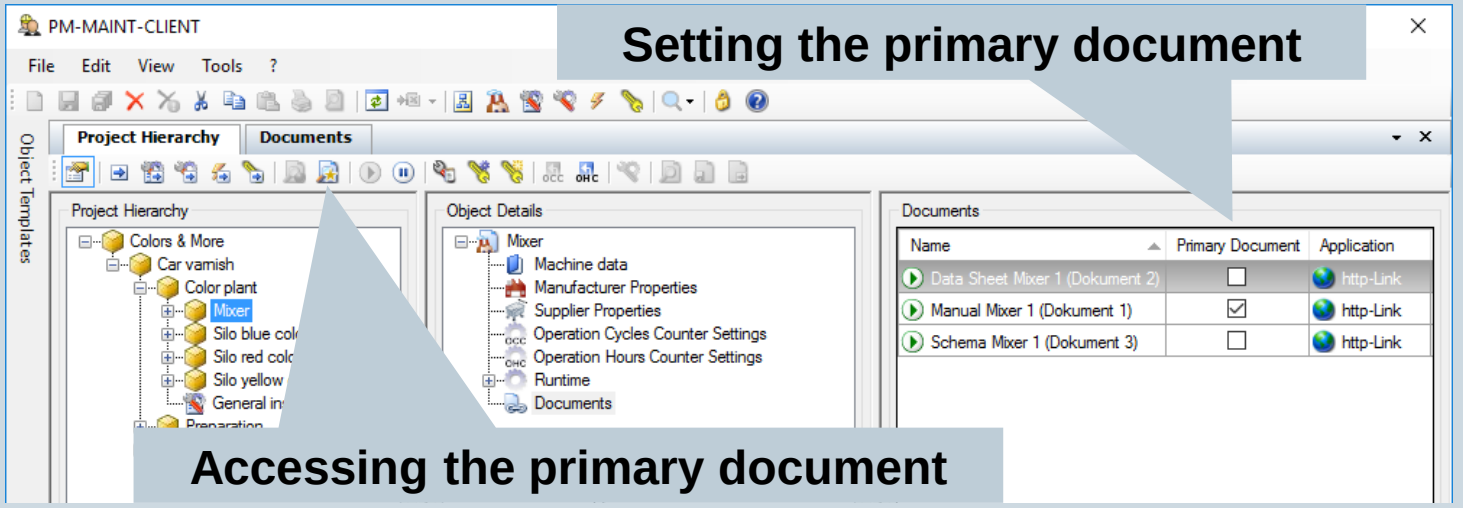
New in Version 10.3:
Quick access to important documents

SIEMENS

A primary document can be set for objects, planned orders and orders, and can be accessed directly with the new toolbar button.



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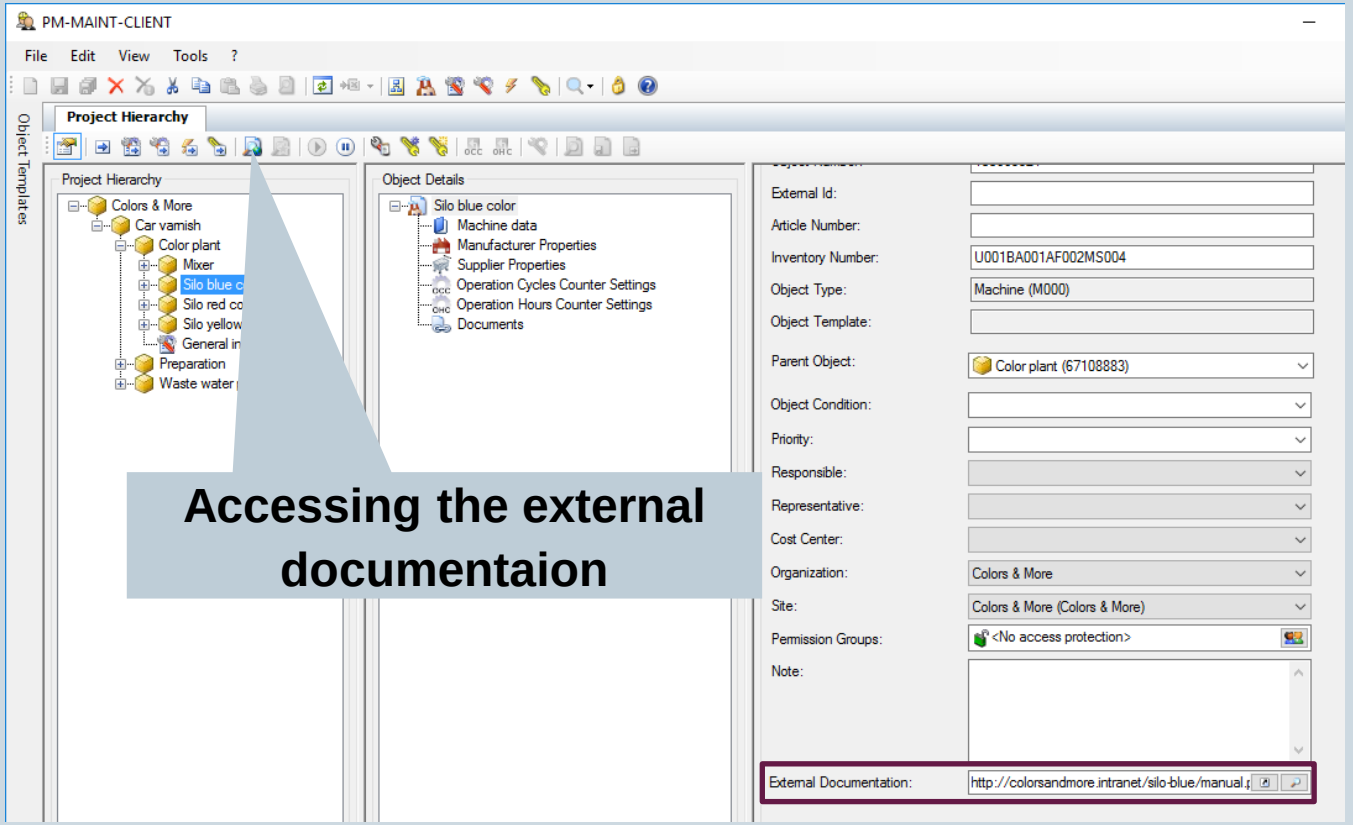
New in Version 10.3:
External documentation

Objects, planned orders and orders can refer to external documentation (local file, shared file or a generic URL, e.g. an Internet/intranet page).

It can be accessed directly with the new toolbar button.



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New in Version 10.3:
SCADA system versions

SIEMENS

The following SCADA system versions are supported:

- WinCC V7.2
- WinCC V7.3
- WinCC V7.4
- WinCC V7.4 SP1
- WinCC TIA V13
- WinCC TIA V13 SP1
- WinCC TIA V14 (beginning with Update 2)
- **WinCC TIA V15**

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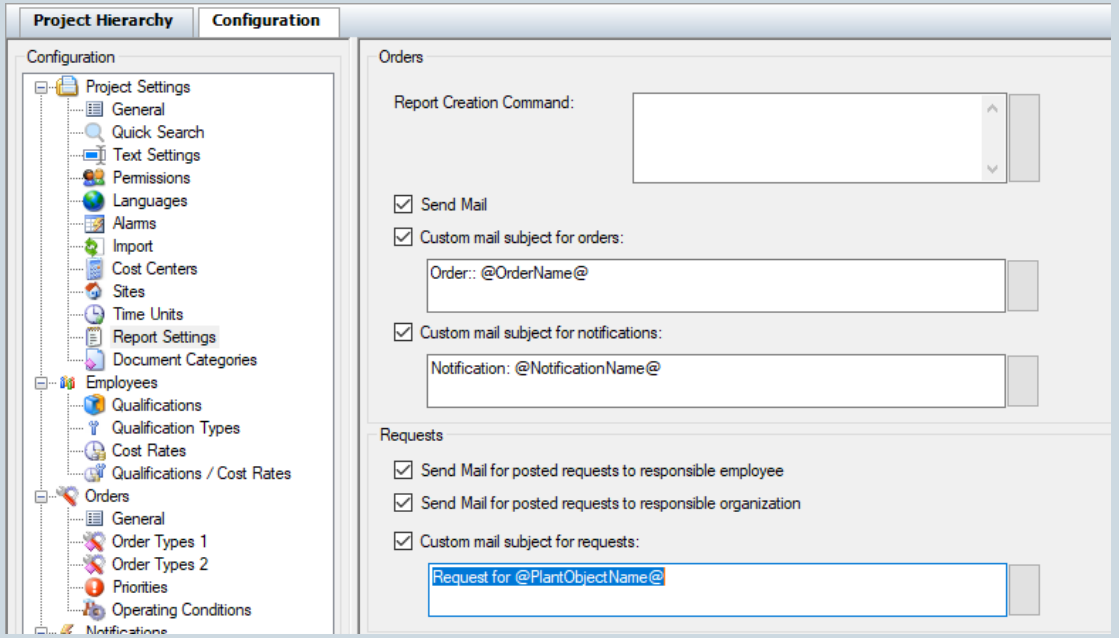
New in Version 10.5:
Custom email subjects with placeholders

When sending emails the subject can be configured individually for Orders, Notifications and Requests.

Depending on the report different placeolders can be used for the subject.



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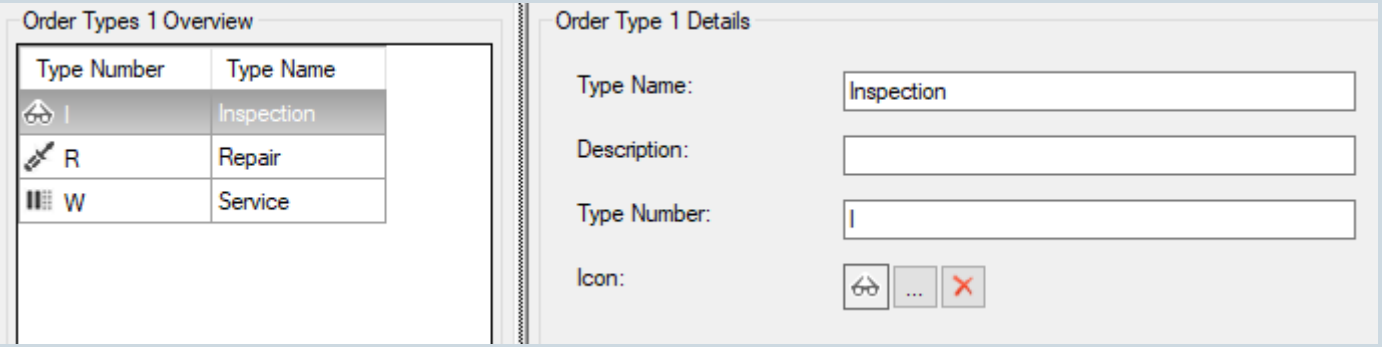
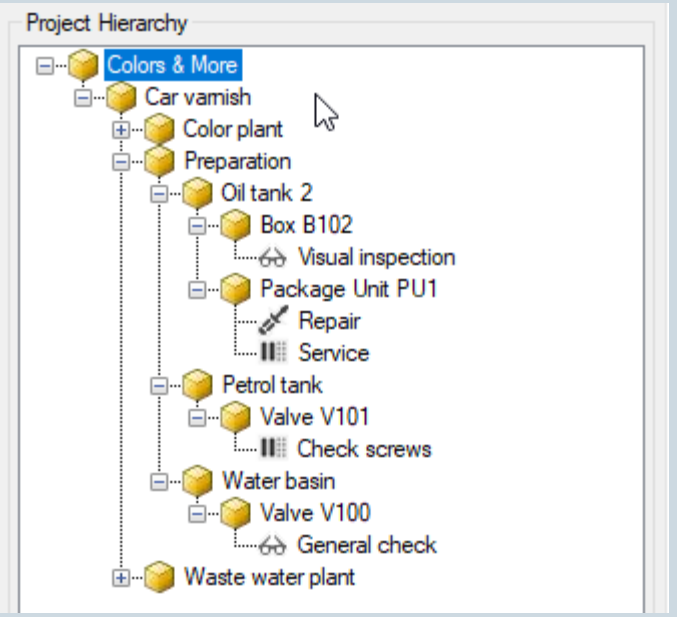
New in Version 10.5:
Custom icons for Order Types And Notification Types

SIEMENS

For Order Types 1 + 2 and Notification Types 1+ 2 an icon can be assigned. These icons can be made visible in the list views.

Furthermore the Project Hierarchy can be configured to show the Order Type 1 or Order Type 2 icon for Orders.





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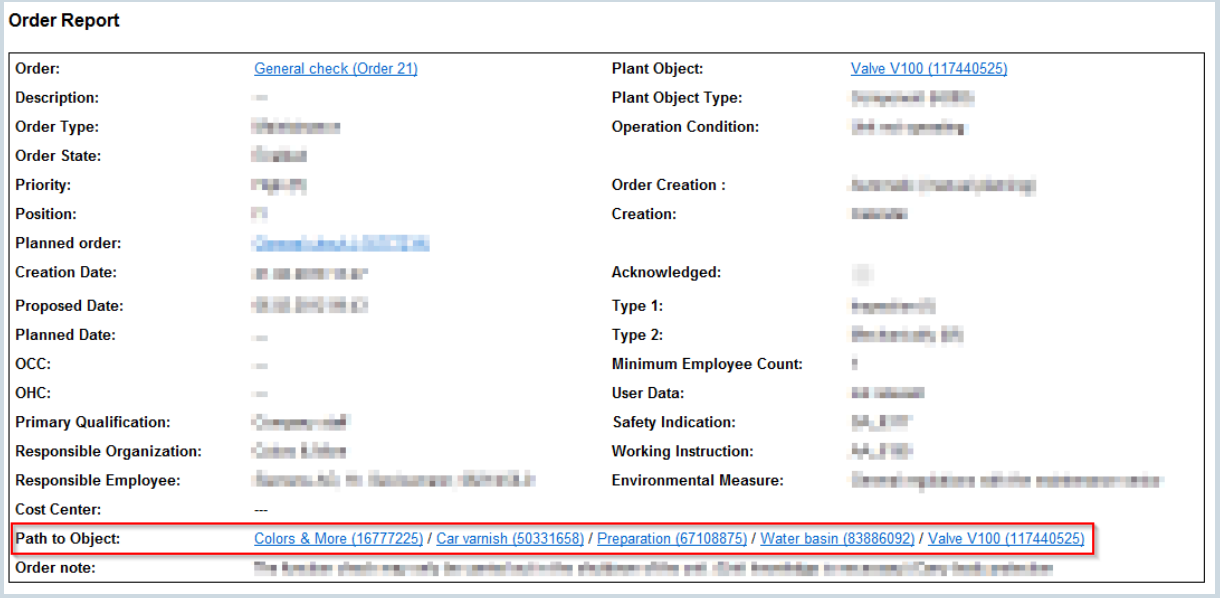
New in Version 10.5:
Reports with full object hierarchy

SIEMENS

Order Reports, Notification Reports and Request Reports contain a field “Path to Object”.

All parent Objects are listed which makes it easier to locate the Order, Notification or Request in the Project Hierarchy.



Order Report

Order:	General check (Order 21)	**Plant Object:**	Valve V100 (117440525)
Description:		**Plant Object Type:**	
Order Type:		**Operation Condition:**	
Order State:			
Priority:		**Order Creation :**	
Position:		**Creation:**	
Planned order:			
Creation Date:		**Acknowledged:**	
Proposed Date:		**Type 1:**	
Planned Date:		**Type 2:**	
OCC:		**Minimum Employee Count:**	
OHC:		**User Data:**	
Primary Qualification:		**Safety Indication:**	
Responsible Organization:		**Working Instruction:**	
Responsible Employee:		**Environmental Measure:**	
Cost Center:	---		
Path to Object:	Colors & More (16777225) / Car varnish (50331658) / Preparation (67108875) / Water basin (83886092) / Valve V100 (117440525)		
Order note:			

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New in Version 10.5:
SCADA system versions

SIEMENS

The following SCADA system versions are supported:

- WinCC V7.2 / V7.3 / V7.4 / V7.4 SP1
- WinCC TIA V13 / V13 SP1 / V14 (Update 2 or higher) / V14 SP1 / V15
- **WinCC V7.5 (Update 1 or higher)**

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New in Version 10.6:
SCADA system versions

SIEMENS

The following SCADA system versions are supported:

- WinCC V7.2 / V7.3 / V7.4 / V7.4 SP1 / V7.5 (Update 1 or higher)
- WinCC TIA V13 / V13 SP1 / V14 (Update 2 or higher) / V14 SP1 / V15
- **WinCC V7.5 SP1**
- **WinCC TIA V16**

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New in Version 10.6:
Operating system versions

SIEMENS

Support of the following operation system versions:

- Windows 7 Professional, Enterprise, Ultimate
- Windows 8.1 Professional, Enterprise
- Windows 10 Professional, Enterprise
- Windows Server 2008 R2
- Windows Server 2016
- **Windows Server 2019**

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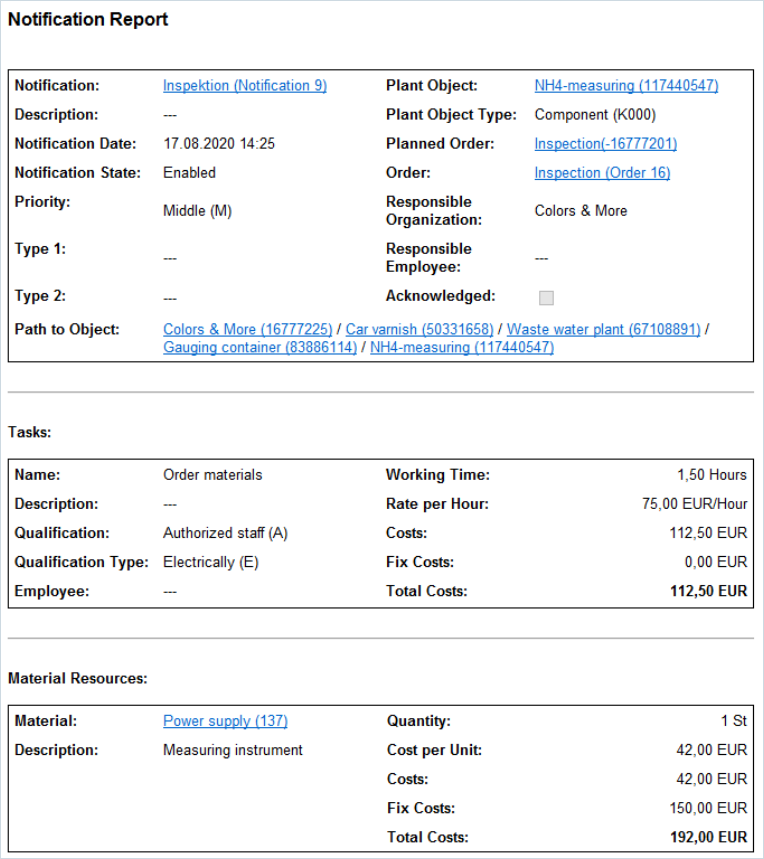
New in Version 10.7:
Notification Reports with required Materials of associated Order

SIEMENS

The required Materials of an Order are also displayed with the Notification of that Order.

This allows you to procure Materials before the Order is due.



Notification Report

Notification:	Inspektion (Notification 9)	**Plant Object:**	NH4-measuring (117440547)
Description:	---	**Plant Object Type:**	Component (K000)
Notification Date:	17.08.2020 14:25	**Planned Order:**	Inspection(-16777201)
Notification State:	Enabled	**Order:**	Inspection (Order 16)
Priority:	Middle (M)	**Responsible Organization:**	Colors & More
Type 1:	---	**Responsible Employee:**	---
Type 2:	---	**Acknowledged:**	☐
Path to Object:	Colors & More (16777225) / Car varnish (50331658) / Waste water plant (67108891) / Gauging container (83886114) / NH4-measuring (117440547)		

Tasks:

Name:	Order materials	**Working Time:**	1,50 Hours
Description:	---	**Rate per Hour:**	75,00 EUR/Hour
Qualification:	Authorized staff (A)	**Costs:**	112,50 EUR
Qualification Type:	Electrically (E)	**Fix Costs:**	0,00 EUR
Employee:	---	**Total Costs:**	**112,50 EUR**

Material Resources:

Material:	Power supply (137)	**Quantity:**	1 St
Description:	Measuring instrument	**Cost per Unit:**	42,00 EUR
		Costs:	42,00 EUR
		Fix Costs:	150,00 EUR
		Total Costs:	**192,00 EUR**

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New in Version 10.8:
SCADA system versions

SIEMENS

The following SCADA system versions are supported:

- WinCC V7.2 / V7.3 / V7.4 / V7.4 SP1 / V7.5 (Update 1 or higher) / V7.5 SP1
- WinCC TIA V13 / V13 SP1 / V14 (Update 2 or higher) / V14 SP1 / V15 / V16
- **WinCC V7.5 SP2**

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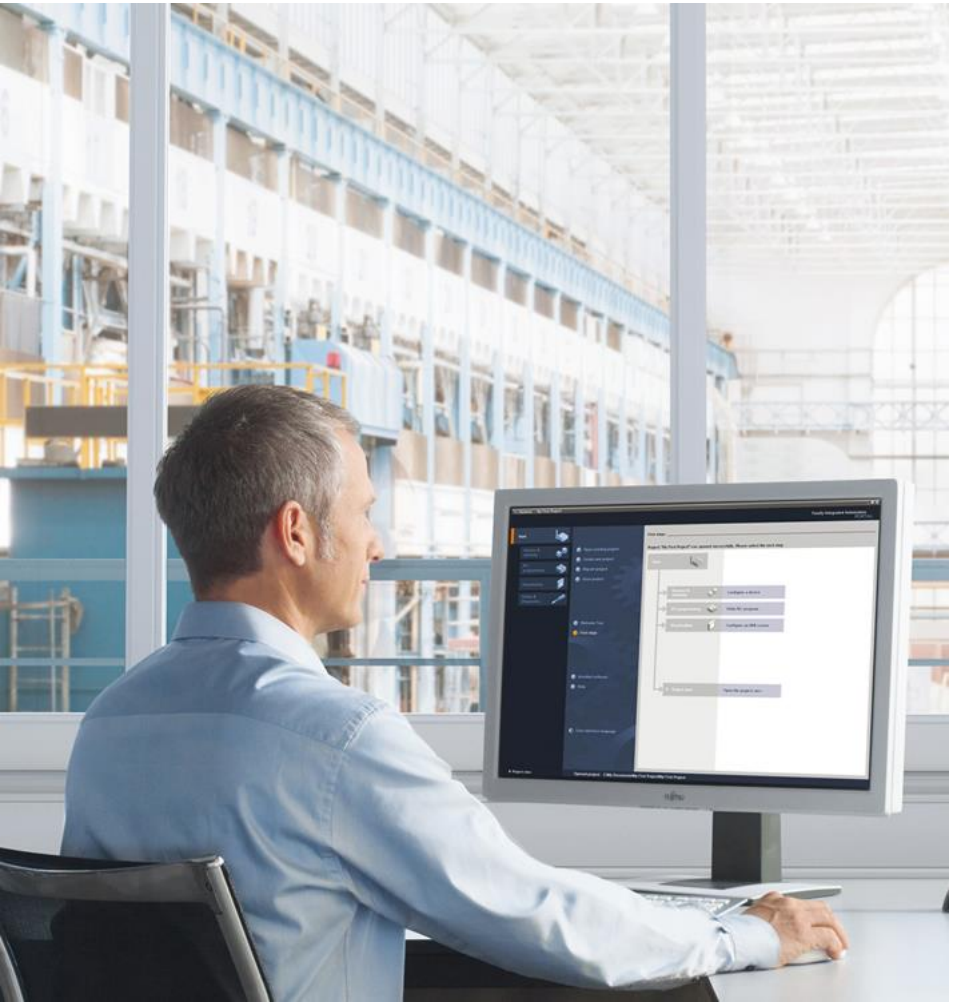
Contact



For further information, please visit us at:

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Fon: +49 (0) 621 1723 - 1010

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