FT PharmaSuite®

PHARMASUITE - BUILDING BLOCKS COMPATIBILITY MATRIX
PharmaSuite Release 10.02.00

Rockwell Automation

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Contents

FT PharmaSuite® 10.02.00 Building Blocks - Compatibility Matrix

The matrices describe version compatibilities for PharmaSuite and Building Blocks.

Compatibility of Phase Revisions

For **new** phase building blocks, the compatibility information in the matrix applies to the indicated PharmaSuite version.

Always the highest maintenance release (MR) of the latest version of a phase building block has the **Qualified** status within the latest PharmaSuite version. All older building block versions that are marked as compatible are still supported for migrated PharmaSuite systems.

For **updated** phase building blocks, the following update variants need to be distinguished:

Maintenance Release (MR) of a phase building block

An MR phase building block can be installed in an existing environment. It **replaces** the existing phase revision and already available recipes and workflows will function as expected during execution, i.e. they do not need to be updated manually, the current recipe or workflow versions remain valid.
Prerequisite for MR revisions is a stable and compatible general logic and API of the phase building block. Typically, an MR revision is provided to correct a phase building block.
The MR revision number of a phase building block is provided by the **Internal maintenance version** attribute in phase manager (**mes_PhaseLibManager** form).

Extended Maintenance Release (MR+) of a phase building block

An MR+ revision of a phase building block is basically identical to an MR revision. However, the code may require a special handling when the MR+ revision is **deployed** in order to replace an existing phase revision (e.g. update of phase-specific DSX files for report designs or message packs).
MR+ revisions are marked with a plus in the matrix and come with specific installation instructions.
With respect to recipe and workflow authoring and execution, there is no difference to an MR revision as described above (once an MR+ revision has been installed successfully).

Minor or major revision of a phase building block

A minor or major revision of a phase building block is provided when either the phase's functionality has been changed (typically amended) or when code changes were required that render the new phase revision technically incompatible with the existing code (e.g. introduction of a new parameter).
Different minor or major revisions of a phase can **coexist** in a PharmaSuite installation, i.e. they do not replace existing revisions.
With respect to recipe and workflow authoring and execution, this means new minor or major revisions of a phase building block need to be explicitly built into new or updated recipes and workflows. For this purpose, either use the **Change request** function in Recipe and Workflow Designer or manually create new recipes and workflows.

We highly recommend to apply the latest phase building block revision.

EBR Package

	PharmaSuite						
	10.02.00	10.01.00	10.0	9.2 MR3	9.1	9.0 MR1	8.4
Get Process Value (Master recipe, Workflow) ■ 2.1 MR7+ (2.1.7.4) *9)	✓	✓	✓	✓	✓	✓	✓
Get Text Value (Master recipe, Workflow) ■ 2.1 MR6 (2.1.6.6) *9)	✓	✓	✓	✓	✓	✓	✓
Show Document (Master recipe, Workflow) ■ 2.0 MR6 (2.0.6.1) *2)	✓	✓	✓	✓	✓	✓	✓
Show Instruction Text (Master recipe, Workflow) ■ 2.0 MR7 (2.0.7.2) *5)	✓	✓	✓	✓	✓	✓	✓
Get Choice Value (Master recipe, Workflow) ■ 1.0 MR7 (1.0.7.1) *5) *9) ■ 1.0 MR5 (1.0.5.12)	✓ -	✓ -	✓ -	✓ -	✓ -	✓ -	- ✓
Upload Image (Master recipe, Workflow) ■ 1.0 MR9 (1.0.9.5) *12)	✓	✓	✓	✓	✓	✓	✓
Upload PDF (Master recipe, Workflow) ■ 1.0 MR10+ (1.0.10.2) *12)	✓	✓	✓	✓	✓	✓	✓
Show URL (Master recipe, Workflow) ■ 1.0 MR5+ (1.0.5.5) *12)	✓	✓	✓	✓	✓	✓	✓
Create Workflow (Master recipe, Workflow) ■ 1.0 MR1+ (1.0.1.3)	✓	✓	✓	✓	-	-	-
Write Context Data (Master recipe, Workflow) ■ 1.0 MR1 (1.0.1.1)	✓	✓	✓	✓	-	-	-
Send User Notification (Master recipe, Workflow) ■ 1.0 (1.0.0.9)	✓	-	-	-	-	-	-

Building Blocks – Compatibility Matrix

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
Identify Material (Master recipe)							
■ 7.1 MR1 (7.1.1.1)	✓	✓	-	-	-	-	-
■ 7.0 MR2 (7.0.2.1)	✓	✓	✓	✓	-	-	-
■ 6.0 MR2 (6.0.2.3)	✓	✓	✓	✓	✓	✓ *8)	-
■ 5.0 MR5 (5.0.5.2)	-	-	✓	✓	✓	✓ *8)	✓ *8)
Produce Material (Master recipe)							
■ 7.1 (7.1.0.9)	✓	✓	-	-	-	-	-
■ 7.0 (7.0.0.12)	✓	✓	✓	✓	-	-	-
■ 6.1 MR2 (6.1.2.4)	✓	✓	✓	✓	✓	✓	-
■ 6.0 MR2 (6.0.2.4)	✓	✓	✓	✓	✓	✓	✓
■ 5.0 MR4 (5.0.4.6) *6)	-	-	✓	✓	✓	✓	✓
■ 2.0 MR4 (2.0.4.25)	-	-	-	-	✓	✓	✓
Account Material (Master recipe)							
■ 7.1 (7.1.0.9)	✓	✓	-	-	-	-	-
■ 7.0 (7.0.0.12)	✓	✓	✓	✓	-	-	-
■ 6.0 MR1 (6.0.1.4)	✓	✓	✓	✓	✓	✓ *8)	-
■ 5.1 MR1 (5.1.1.2)	✓	✓	✓	✓	✓	✓ *8)	✓ *8)
■ 5.0 MR4 (5.0.4.2)	-	-	✓	✓	✓	✓ *8)	✓ *8)
■ 2.0 MR4 (2.0.4.25)	-	-	-	-	✓	✓	✓

Dispense Package

	PharmaSuite						
	10.02.00	10.01.00	10.0	9.2 MR3	9.1	9.0 MR1	8.4
D Identify Material (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓
■ 3.0 MR2 (3.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
D Select Scale (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	-	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	-	✓	✓	✓
■ 3.0 MR2 (3.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
D Tare (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	-	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	-	✓	✓	✓
■ 3.0 MR2 (3.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓

	PharmaSuite						
	10.02.00	10.01.00	10.0	9.2 MR3	9.1	9.0 MR1	8.4
D Weigh (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	-	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	-	✓	✓	✓
■ 3.0 MR2 (3.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
D Release Scale (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	-	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	-	✓	✓	✓
■ 3.0 MR2 (3.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
D Print Report (Master recipe)							
■ 6.1 MR2 (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓
■ 3.0 MR2 (3.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	✓	✓	✓	✓
D Define Order (Workflow)							
■ 2.0 MR3+ (2.0.3.1)	✓	✓	✓	✓	✓	✓	✓
D Edit BOM (Workflow)							
■ 2.0 MR3 (2.0.3.1)	✓	✓	✓	✓	✓	✓	✓

	PharmaSuite						
	10.02.00	10.01.00	10.0	9.2 MR3	9.1	9.0 MR1	8.4
D Dispatch Order (Workflow)							
■ 2.0 MR2 (2.0.2.6)	✓	✓	✓	✓	✓	✓	✓
D Release Order (Workflow)							
■ 2.0 MR2 (2.0.2.6)	✓	✓	✓	✓	✓	✓	✓
O Manage Produced Material (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓
■ 1.0 MR2 (1.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
O Select Scale (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	-	✓	✓	✓
■ 1.0 MR2 (1.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
O Identify Container (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓

	PharmaSuite						
	10.02.00	10.01.00	10.0	9.2 MR3	9.1	9.0 MR1	8.4
O Tare (Master recipe)							
■ 6.1 MR2 (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓
■ 1.0 MR2 (1.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
O Weigh (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓
■ 1.0 MR2 (1.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
O Release Scale (Master recipe)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	✓	✓	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓
■ 1.0 MR2 (1.0.2.12) (required to process recipes created prior to PS 8.1)	-	-	-	-	✓	✓	✓
Get Weight (Master recipe, Workflow)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
■ 5.1 MR1 (5.1.1.1)	-	-	-	✓	✓	✓	✓
■ 5.0 MR1+ (5.0.1.6)	-	-	-	✓	✓	✓	✓

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
Show GHS Data (Master recipe, Workflow)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.1)	✓	✓	✓	✓	✓	✓	-
■ 5.2 MR1 (5.2.1.2)	-	-	✓	✓	✓	✓	✓
Load Logistic Unit (Master recipe, Workflow)							
■ 6.1 MR2+ (6.1.2.4)	✓	✓	✓	-	-	-	-
■ 6.0 MR5 (6.0.5.2)	✓	✓	✓	✓	✓	✓	-

Equipment Tracking Package

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
Identify Equipment (Master recipe, Workflow)							
■ 2.1 MR1+ (2.1.1.2)	✓	✓	✓	-	-	-	-
■ 2.0 MR2 (2.0.2.9) *5)	✓	✓	✓	✓	✓	✓	✓
■ 1.1 MR1 (1.1.1.12) *4)	✓	✓	✓	✓	✓	✓	✓
Change Equipment Status (Master recipe, Workflow)							
■ 1.0 MR5+ (1.0.5.1)	✓	✓	✓	✓	✓	✓	✓
Trigger Graph Transition (Master recipe, Workflow)							
■ 2.0 MR2+ (2.0.2.1) *5)	✓	✓	✓	✓	✓	✓	✓
■ 1.0 (1.0.0.12) *4)	✓	✓	✓	✓	✓	✓	✓
Unbind Equipment (Master recipe, Workflow)							
■ 2.0 MR2+ (2.0.2.1) *5)	✓	✓	✓	✓	✓	✓	✓
■ 1.0 MR2 (1.0.2.12) *4)	✓	✓	✓	✓	✓	✓	✓
Separate Equipment (Master recipe, Workflow)							
■ 1.0 (1.0.0.6)	✓	✓	✓	✓	✓	✓	✓
Show Equipment List (Master recipe, Workflow)							
■ 1.0 MR3 (1.0.3.1)	✓	✓	✓	✓	-	-	-
■ 1.0 (1.0.0.8)	-	-	-	-	✓	-	-
Generate Template-based Equipment (Master recipe, Workflow)							
■ 1.0 (1.0.0.12)	✓	✓	✓	-	-	-	-

Equipment Automation Package

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
Get OPC Values (Master recipe, Workflow)							
■ 1.0 MR5+ (1.0.5.2)	✓	✓	✓	✓	✓	✓	✓
Set OPC Values (Master recipe, Workflow)							
■ 1.0 MR4+ (1.0.4 1)	✓	✓	✓	✓	✓	✓	✓
Monitor Numeric Value (Master recipe, Workflow)							
■ 1.0 MR5+ (1.0.5.1)	✓	✓	✓	✓	✓	✓	✓
Get Alarms (Master recipe, Workflow)							
■ 1.0 MR5+ (1.0.5.2)	✓	✓	✓	✓	✓	✓	✓
Show Historical Data Chart (Master recipe, Workflow)							
■ 1.0 MR7+ (1.0.7.1)	✓	✓	✓	✓	✓	✓	✓

IPC Package

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
Get Values (Master recipe, Workflow)							
■ 2.1 MR2+ (2.1.2.5) *10) *11)	✓	✓	✓	-	-	-	-
■ 2.0 MR2 (2.0.2.1) *10)	✓	✓	✓	✓	-	-	-
■ 1.0 MR6+ (1.0.6.1)	✓	✓	✓	✓	✓	✓	✓
Show Values (Master recipe, Workflow)							
■ 2.1 MR1+ (2.1.1.3) *11)	✓	✓	✓	-	-	-	-
■ 1.0 MR6 (1.0.6.2)	✓	✓	✓	✓	✓	✓	✓
Time-based Trigger (Master recipe, Workflow)							
■ 1.1 (1.1.0.8)	✓	✓	-	-	-	-	-
■ 1.0 MR5 (1.0.5.6)	✓	✓	✓	✓	✓	✓	✓
Counter-based Trigger (Master recipe, Workflow)							
■ 1.0 MR6 (1.0.6.1)	✓	✓	✓	✓	✓	✓	✓

DCS Package *3)

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
Create DCS Batch (Master recipe, Workflow)							
■ 1.0 MR2+ (1.0.2.3)	✓	✓	✓	✓	✓	✓	✓
Get DCS Batch Values (Master recipe, Workflow)							
■ 1.0 MR3 (1.0 3.1) *7)	✓	✓	✓	✓	✓	✓	✓
Get DCS Alarms (Master recipe, Workflow)							
■ 1.1 (1.1.0.9)	✓	-	-	-	-	-	-
■ 1.0 MR6 (1.0.6.5)	✓	✓	✓	✓	✓ *1)	✓ *1)	✓ *1)

	PharmaSuite						
	10.02.00	**10.01.00**	**10.0**	**9.2 MR3**	**9.1**	**9.0 MR1**	**8.4**
DCS Alarm-based Trigger (Master recipe, Workflow)							
■ 1.0 MR4+ (1.0.4.3)	✓	✓	✓	✓	✓	✓	✓
Set Order Context (Master recipe)							
■ 1.0 MR1+ (1.0.1.1)	✓	✓	✓	✓	✓	✓	✓
Show Consumed Material (Master recipe)							
■ 1.0 MR3+ (1.0.3.1)	✓	✓	✓	✓	✓	-	-
■ 1.0 (1.0.0.8)	-	-	-	-	-	✓	✓
Show Produced Material (Master recipe)							
■ 1.0 MR2+ (1.0.2.2)	✓	✓	✓	✓	✓	-	-
■ 1.0 (1.0.0.8)	-	-	-	-	-	✓	✓
Wait for Event (OES) (Master recipe)							
■ 2.0 MR2+ (2.0.2.1)	✓	✓	✓	✓	✓	-	-
■ 1.0 (1.0.0.9)	✓	✓	✓	✓	✓	✓	-
Wait for Event (Master recipe)							
■ 2.0 MR2+ (2.0.2.2)	✓	✓	✓	✓	✓	-	-
■ 1.0 (1.0.0.9)	✓	✓	✓	✓	✓	✓	-
Send Event (Master recipe)							
■ 2.0 MR2+ (2.0.2.1)	✓	✓	✓	✓	✓	-	-
■ 1.0 (1.0.0.9)	✓	✓	✓	✓	✓	✓	-
Get DCS Parameters (Master recipe, Workflow)							
■ 1.1 MR3 (1.1.3.1)	✓	✓	✓	✓	✓	-	-
Set DCS Parameters (Master recipe, Workflow)							
■ 1.1 MR3 (1.1.3.3)	✓	✓	✓	✓	✓	-	-

Legend

x.x	The revision and build numbers of newly released phase building blocks are formatted dark red.
*1)	The phase building block requires an update in order to be compatible with the PharmaSuite release. Please contact the Rockwell Automation Support.
*2)	The phase building blocks will be discontinued in 2021.

*3)	The phase building blocks of PharmaSuite 10.01.00 and newer are compatible with the DCS Adapter V2.5
	The phase building blocks of PharmaSuite 9.2 and PharmaSuite 10.0 are compatible with the DCS Adapter V2.4.
	The phase building blocks of PharmaSuite 9.1 are compatible with the DCS Adapter V2.3.
	The phase building blocks of PharmaSuite 9.0 MR1 are compatible with the DCS Adapter V2.2.
	The phase building blocks of PharmaSuite 8.4 are compatible with the DCS Adapter V2.1.
*4)	The phase building blocks cannot be used with an equipment entity that is a member of an equipment entity group (introduced with PS 8.2).
*5)	The phase building blocks are also available in the Dispense package. For details, see "Content of PharmaSuite 10.02.00 Building Block Packages" (page 14).
*6)	The phase building block does not support packaging levels (introduced with PS 8.4).
*7)	The phase building block will be discontinued in 2021. It is still supported, however new features will no longer be integrated. Starting with PharmaSuite 9.1, we recommend to start replacing the phase building block by the **Get DCS Parameters** phase building block.
*8)	The phase building block requires an update in order to be compatible with the PharmaSuite release. For details, see knowledge base article #6464 (http://rockwellsoftware.custhelp.com/app/answers/detail/a_id/6464/kw/6464).
*9)	The phase building blocks will be discontinued in 2021. They are still supported, however new features will no longer be integrated. Starting with PharmaSuite 9.2, we recommend to start replacing the phase building block by the **Get Values** phase building block.
*10)	The phase building blocks are also available in the EBR package. For details, see "Content of PharmaSuite 10.02.00 Building Block Packages" (page 14).
*11)	The **Show Values** 2.1 and **Get Values** 2.1 phase building blocks must be updated all together.
*12)	The **Upload Image** 1.0 MR9, **Upload PDF** 1.0 MR10, and **Show URL** 1.0 MR5 phase building blocks must be updated all together.

For installation guidance, refer to "Technical Manual Installation - Building Blocks" included with the corresponding building block package.

The building block build number is provided by the **Internal maintenance version** attribute in phase manager (**mes_PhaseLibManager** form).

The **Hidden Phase (RS) [1.0]** and **Server-run Hidden Phase (RS) [1.0]** phases are not part of any building block package. They are part of the PharmaSuite core system and thus compatible with the PharmaSuite release with which they have been installed or updated.

Content of PharmaSuite 10.02.00 Building Block Packages

The following tables show the PharmaSuite Building Block packages, their versions, and the content of the current release.

EBR Package: 17.01.00

Get Process Value: **2.1 MR7+**	Get Text Value: **2.1 MR6**
Show Document: **2.0 MR6**	Show Instruction Text: **2.0 MR7**
Get Choice Value: **1.0 MR7**	Upload Image: **1.0 MR9**
Upload PDF: **1.0 MR10+**	Show URL: **1.0 MR5+**
Create Workflow: **1.0 MR1+**	Write Context Data: **1.0 MR1**
Identify Material: **7.1 MR1**	Produce Material: **7.1**
Account Material: **7.1**	Get Values: **2.1 MR2+**
Send User Notification: **1.0**	

EBR Package: 16.02.00

Get Process Value: **2.1 MR7+**	Get Text Value: **2.1 MR6**
Show Document: **2.0 MR6**	Show Instruction Text: **2.0 MR7**
Get Choice Value: **1.0 MR7**	Upload Image: **1.0 MR9**
Upload PDF: **1.0 MR10+**	Show URL: **1.0 MR5+**
Create Workflow: **1.0 MR1+**	Write Context Data: **1.0 MR1**
Identify Material: **7.1 MR1**	Produce Material: **7.1**
Account Material: **7.1**	Get Values: **2.1 MR2+**

EBR Package: 15.03.00

Get Process Value: **2.1 MR7+**	Get Text Value: **2.1 MR6**
Show Document: **2.0 MR6**	Show Instruction Text: **2.0 MR7**
Get Choice Value: **1.0 MR7**	Upload Image: **1.0 MR9**
Upload PDF: **1.0 MR10+**	Show URL: **1.0 MR5+**
Create Workflow: **1.0 MR1+**	Write Context Data: **1.0 MR1**
Identify Material: **7.0 MR2**	Produce Material: **7.0**
Account Material: **7.0**	Get Values: **2.1 MR2+**

Dispense Package: 14.03.00

D Identify Material: **6.1 MR2+**	D Select Scale: **6.1 MR2+**
D Tare: **6.1 MR2+**	D Weigh: **6.1 MR2+**
D Release Scale: **6.1 MR2+**	D Print Report: **6.1 MR2+**
D Define Order: **2.0 MR3+**	D Edit BOM: **2.0 MR3**
D Dispatch Order: **2.0 MR2**	D Release Order: **2.0 MR2**
O Manage Produced Material: **6.1 MR2+**	O Select Scale: **6.1 MR2+**
O Identify Container: **6.1 MR2+**	O Tare: **6.1 MR2+**
O Weigh: **6.1 MR2+**	O Release Scale: **6.1 MR2+**
Get Weight **6.1 MR2+**	Show GHS Data: **6.1 MR2+**
Load Logistic Unit: **6.1 MR2+**	Get Choice Value: **1.0 MR7**
Show Instruction Text: **2.0 MR7**	Identify Equipment: **2.1 MR1+**
Trigger Graph Transition: **2.0 MR2+**	Unbind Equipment: **2.0 MR2+**

Dispense Package: 13.04.00

D Identify Material: **6.0 MR5**	D Select Scale: **6.0 MR5**
D Tare: **6.0 MR5**	D Weigh: **6.0 MR5**
D Release Scale: **6.0 MR5**	D Print Report: **6.0 MR5**
D Define Order: **2.0 MR3+**	D Edit BOM: **2.0 MR3**
D Dispatch Order: **2.0 MR2**	D Release Order: **2.0 MR2**
O Manage Produced Material: **6.0 MR5**	O Select Scale: **6.0 MR5**
O Identify Container: **6.0 MR5**	O Tare: **6.0 MR5**
O Weigh: **6.0 MR5**	O Release Scale: **6.0 MR5**
Get Weight **6.0 MR5**	Show GHS Data: **6.0 MR5**
Load Logistic Unit: **6.0 MR5+**	Get Choice Value: **1.0 MR7**
Show Instruction Text: **2.0 MR7**	Identify Equipment: **2.0 MR2**
Trigger Graph Transition: **2.0 MR2+**	Unbind Equipment: **2.0 MR2+**

Equipment Tracking Package: 13.03.00

Identify Equipment: **2.1 MR1+**	Change Equipment Status: **1.0 MR5+**
Trigger Graph Transition: **2.0 MR2+**	Unbind Equipment: **2.0 MR2+**
Separate Equipment: **1.0**	Show Equipment List: **1.0 MR3**
Generate Template-based Equipment: **1.0**	

Equipment Automation Package: 12.03.00

Get OPC Values: **1.0 MR5+**	Set OPC Values: **1.0 MR4+**
Monitor Numeric Value: **1.0 MR5+**	Get Alarms: **1.0 MR5+**
Show Historical Data Chart: **1.0 MR7+**	

Building Blocks – Compatibility Matrix

IPC Package: 9.02.00

Get Values: **2.1 MR2+**	Show Values: **2.1 MR1+**
Time-based Trigger: **1.1**	Counter-based Trigger: **1.0 MR6**

IPC Package: 6.02.00

Get Values: **1.0 MR6+**	Show Values: **1.0 MR6**
Time-based Trigger: **1.0 MR5**	Counter-based Trigger: **1.0 MR6**

DCS Package: 9.01.00

Create DCS Batch: **1.0 MR2+**	Get DCS Batch Values: **1.0 MR3**
Get DCS Alarms: **1.1**	DCS Alarm-based Trigger: **1.0 MR4+**
Set Order Context: **1.0 MR1+**	Show Consumed Material: **1.0 MR3+**
Show Produced Material: **1.0 MR2+**	Wait for Event (OES): **2.0 MR2+**
Wait for Event: **2.0 MR2+**	Send Event: **2.0 MR2+**
Get DCS Parameters **1.1 MR3**	Set DCS Parameters **1.1 MR3**

DCS Package: 8.03.00

Create DCS Batch: **1.0 MR2+**	Get DCS Batch Values: **1.0 MR3**
Get DCS Alarms: **1.0 MR6**	DCS Alarm-based Trigger: **1.0 MR4+**
Set Order Context: **1.0 MR1+**	Show Consumed Material: **1.0 MR3+**
Show Produced Material: **1.0 MR2+**	Wait for Event (OES): **2.0 MR2+**
Wait for Event: **2.0 MR2+**	Send Event: **2.0 MR2+**
Get DCS Parameters **1.1 MR3**	Set DCS Parameters **1.1 MR3**