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## Improvements

T	Key	Summary (en)	Edition (en)	Labels (en)	Components (en)	Changelog (en)
	<b>SIM-3444</b>	Changes to Planner licensing	Basic, Advanced, Professional	License-management, Licensing	Infrastructure	The licensing has been changed. License files are no longer required for using APS. The check is now changed to the Add-on checkbox in the Abas configuration.
	<b>SIM-3551</b>	New software certificate for signing the APS programs	Basic, Advanced, Professional	Signing	Infrastructure	The program sign has been changed to Forterro Deutschland Abas GmbH.
	<b>SIM-3445</b>	Pre-installation check for existing etagis installation	Basic, Advanced, Professional	Installation	Installation	The pre-installation check of Abas APS Basic includes a check for existing etagis APS Professional installations.
	<b>SIM-3312</b>	Use cross-product installation routine	Basic, Advanced, Professional	Installation-routine	Installation	A new standardized installation framework is used for the installation or upgrade. This is associated with different user guidance during installation (follow the installation instructions).
	<b>SIM-3481</b>	License check change aps-abas	Advanced, Professional	FOP, Infosystem	FOP	The license checks for APS Advanced and APS Professional have been added to the actions in Abas.
	<b>SIM-3557</b>	Backup of existing customizations during upgrade installation	Advanced, Professional	Installation, Upgrade	Installation	If customizations are found during upgrade installations, these are saved separately; APS is always installed according to the standard. Customizations must be adopted during post-processing. See installation instructions for details.

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	<b>SIM-2847</b>	Deliver properties for abas Java programs in one language only	Professional	Java, Properties	Installation	Language files (properties) for DE, EN-US for Java programs are no longer part of the installation package, but are only generated when the dictionaries are installed
	<b>SIM-3450</b>	Removal of multiple simulation flip in Planner	Professional	SAD	Planner	The multiple simulation function in the Planner has been removed.
	<b>SIM-3449</b>	Amend SAD screen regarding removal of multiple simulation function	Professional	SAD	Vartab-Screen	Settings for multiple simulation have been removed.

9 issues

## Bug fixes

T	Key	Summary (en)	Edition (en)	Labels (en)	Components (en)	Changelog (en)
	 <b>SIM-3509</b>	MiniGUI   Path to rungui.exe is incorrectly assigned	Basic, Advanced, Professional	RunGUI	Infrastructure	The path to the rungui for opening Abas screens and infosystems from the planner is now determined automatically. Manual entry is no longer necessary.
	 <b>SIM-1806</b>	After canceling filter creation, the filter selection changes to the initial filter	Basic, Advanced, Professional	Filters, Planner	Planner	A display error for active filters has been corrected.
	 <b>SIM-2672</b>	Report print headings sometimes unclear	Advanced, Professional	Report	Planner-Design	A display error for very long report print headings has been corrected.
	 <b>SIM-3468</b>	Cannot change row height in the planner	Basic, Advanced, Professional	Rows	Planner-Handling&Views	The row height can again be changed by the user by dragging on the row header.
	 <b>SIM-3550</b>	Shifting times in the Operations view table	Basic	Operations-view, Shifting, Table	Planner-interactions	The parameter for shifting rows the table of the operations view has been removed in the settings in the Basic edition.
	 <b>SIM-3545</b>	Script error when creating schedule for employee	Advanced, Professional	Timetable	Resource-availability	Time schedules for employees are not correctly applied.
	 <b>SIM-3467</b>	The "Fix work center for APS planned (PO)" parameter also fixes operating orders that are not (yet) APS planned	Advanced, Professional	Fixing, Resource-alternatives	Simulation-logic	An error has been fixed which caused released production orders on a machine to be fixed, although there were alternative machines in the simulation settings.
	 <b>SIM-2814</b>	Simulation horizon set to last operation	Advanced, Professional	SAD	Simulation-logic	An error in the application has been fixed, which set the simulation horizon for following simulations to an incorrect value

8 issues

# Upgrade Notes

T	Key	Summary (en)	Edition (en)	Labels (en)	Components (en)	Changelog (en)	Upgrade Note
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No issues found