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## Version highlights

T	Key	Summary (En)	Edition	Labels (En)	Components (En)	Changelog (En)
	SIM-2737	Scheduled blanket orders	Basic Advanced Professional	Blanket-order Customer-view Interface	Interface Planner-Handling&Views	APS takes into account the possibility introduced under abas 21 to consider blanket orders for planning purposes. In this case, work order suggestions are created by abas scheduling which have a link to the respective blanket item. In APS there are new objects for this in the customer view, as well as new columns and filter options for processes with reference to blanket orders across all views.
	SIM-2758	Consider time entry object	Professional	Completion-confirmation PDC	Simulation-logic	The simulation now considers the new time entry objects: For this purpose, the total working hours for all time entries and time completion confirmations is stored in the operation reservation. If only time confirmations (without quantities) exists for a work slip, the simulation calculates the open busy time based on the total busy time minus the total confirmed working hours from the time confirmations.














2 issues




## New functions

T	Key	Summary (En)	Edition	Labels (En)	Components (En)	Changelog (En)
	SIM-2123	Interface for importing dictionaries and menu files of other languages	Basic Advanced Professional	Language Translation	Installation-and-Update Language-and-Localization	The installation of dictionary extensions has been reworked. British English is included in the scope of supply, ready for installation alongside American English, and can be transferred to the target client as part of the language installation. Other languages can be prepared and installed on the client during the installation process (see installation instructions). Java language files can be translated via the abas dictionary and are taken into account by the installation.
	SIM-2736	Transfer new fields for object locks to Planner for display	Basic Advanced Professional	Column Filters Planner Report	Interface Planner-Handling&Views	The new abas fields locking effect, lock configuration, lock reason and lock note have been transferred to APS. The fields can be displayed as columns, used in filters and exported in the report printout.
	SIM-2506	Staff view: Consider number of persons during setup	Advanced Professional	Staff-view	Planner-Handling&Views	APS now also takes the number of persons required for setup operations into account when calculating staff capacity in the Staff View.
	SIM-2733	Consider production lead time from company data	Advanced Professional	Production-lead-time	Simulation-logic	The simulation can now consider the "production lead time" parameter in the company data. For this purpose, the "consider production lead" checkbox has been added to the simulation settings. If this checkbox is activated, then no non-fixed and non-date-fixed work order suggestions are scheduled by the simulation in the lead time period. This checkbox is activated in the scope of supply.

4 issues














# Improvements











T	Key	Summary (En)	Edition	Labels (En)	Components (En)	Changelog (En)
	SIM-2766	abas 21: Rework APS infosystems	Basic Advanced Professional	Infosystem	Installation-and-Update	The infosystems have been updated according to abas ERP 21.
	SIM-2767	Installation routine revised	Basic Advanced Professional	Installation	Installation-and-Update	The installation routine has been updated to comply with abas ERP 21.
	SIM-2619	Change installation directory to \$MANDANTDIR/allinstall	Basic Advanced Professional	Installation	Installation-and-Update	The installation path for APS has been adjusted. The script for installing APS is located at: allinstall/aps-<version>-<edition>/install-APS(-<edition>).sh.
	SIM-2765	abas 21: Rework customized standard screens	Professional	Installation	Installation-and-Update	The screens have been updated according to abas ERP 21.
	SIM-2543		Basic Advanced Professional			
	SIM-2732	Include Production Center program call in Planner	Basic Advanced Professional	Call-parameter FPVIEW Release-test	Interface Planner-Handling&Views	Now you can open the Production Center directly from the selected operation in the Planner, using the call parameter. The call parameter is generated in the APS installation routine.
	SIM-2731	Adopt new "Information for transfer" field in the planner	Basic Advanced Professional	Column Filters Planner Quicksearch Report	Planner-Handling&Views	The new abas field "Information for transfer" has been integrated into all relevant views in APS, including filter function, quick search and report printing.
	SIM-2511	Determine simulation end date for "pure" external procurements in the Customers view	Advanced Professional	Customer-view Write-back	Planner-Handling&Views	Sales items that are covered only using purchasing parts are now given a final date taken from the latest confirmed delivery date for all purchasing parts. This date is transferred to the sales item as well when writing confirmed delivery dates. This also applies to mixed procurements. If a sales item is covered by procurements of different procurement types, then the latest date is written back, regardless of the procurement type.
	SIM-2796	Display holidays (scheduling calendar) even with larger zoom factor	Basic Advanced Professional	Planner	Planner-Handling&Views	Holidays are now displayed in the chart region of the Planner, even when you zoom out.
	SIM-2564	Enable WO release via XPRODLIST and YPRODLIST infosystem	Basic Advanced Professional	WO-release	Interface Planner-Configuration	Work orders can now be released using the XPRODLIST and YPRODLIST infosystems.
	SIM-2603	Change FOPMODE in JEDP due to changes in abas	Basic Advanced Professional	Write-back	Interface	APS users no longer need the "FOP-link" command in the permission record to write back data from APS with FOPs disabled.
	SIM-2674	Screen layout amended for setup parameters and setup information	Professional	Screen Setup-information Setup-parameters	Simulation-settings	The screen layouts for setup parameters and setup information have been revised.
	SIM-2730	Color started operations based on the production status in the work slip	Basic Advanced Professional	Completion-confirmation PDC	Simulation-logic	The color scheme for started operations has been revised.

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	SIM-2729	Consider canceled completion confirmations and PDC reports	Professional	Completion-confirmation PDC	Simulation-logic	The (complete) cancellation of confirmations and time entries and the (partial) recovery from production are taken into account in the APS confirmation information of the reservations: Accumulated time entries are reduced by the amount of the canceled time booking/confirmation or reset. If the open quantity reaches the value of the total quantity of the work slip again due to a quantity cancellation, all confirmation information is deleted from the reservation (reservation without progress).
	SIM-2678	Machine capacity changes entered take effect at beginning of shift	Basic Advanced Professional	Available-capacity	Simulation-logic	When you enter a planned change to the number of machine, the change now takes effect at the beginning of the work center shift.
	SIM-2724	Subcontracting and relocation should not start during the day	Advanced Professional	Relocation Subcontracting	Simulation-logic	Subcontracting and relocations that use in-house production parts no longer start immediately after the simulated completion of the in-house production part, but only on the following workday at midnight.
	SIM-2791	No longer duplicate operation priorities	Advanced Professional	Priorities	Simulation-logic	Changes have been made in the determination of operation priorities.
	SIM-2770	Consider subcontracting/relocation in operation priorities	Advanced Professional	Priorities	Simulation-logic	The processing times for subcontracting and relocations within an order production list are now considered when calculating the priorities of the operations that precede the subcontracting/relocation.

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Bug fixes

T	Key	Summary (En)	Edition	Labels (En)	Components (En)	Changelog (En)
	SIM-2529	Planner: Display horizon is lost after clicking options	Basic Advanced Professional	Display-horizon	Planner-Handling&Views	The selected time period in the Display horizon is now remembered on a view-specific basis and is restored when the view is changed/the settings are closed. The horizon set in the Planner extends to one year after the end of the last operation.
	SIM-2761	In the report printout based on the Orders view or Resources view, customer information columns are filled incorrectly	Basic Advanced Professional	Report	Planner-Handling&Views	An error in filling the report table has been corrected.
	SIM-2728	Work centers not displayed in the Planner	Basic Advanced Professional	Resource-list Resource-view Sequence	Planner-Configuration Planner-Handling&Views	Display problems when same work center names are used for different work centers have been fixed.
	SIM-2647	When moving columns, wrong values could remain	Basic Advanced Professional	Column Table	Planner-Handling&Views	Moving columns no longer results in incorrect column contents.
	SIM-2816	"Write simulation model" fields included in Advanced edition	Advanced	Write-back	Planner-Handling&Views	The setting option to write to the simulation model has been removed from the Advanced edition, as it is only relevant for the Professional edition.
	SIM-2788	Operation can be shifted to a time when the means of production is not available	Basic Advanced Professional	Shifting	Planner-interactions	When shifting operations, means of production capacities are again correctly taken into account.
	SIM-2720	Shifting operations with transition = start faulty	Basic Advanced Professional	Shifting	Planner-interactions	Overlapping production is now no longer a problem for shifting operations.
	SIM-2738	Indirectly shifted operation is not marked as shifted	Professional	Shifting	Planner-interactions	Indirectly shifted operations are marked correctly again.
	SIM-2719	Operation can be moved behind its successor	Basic Advanced Professional	Shifting	Planner-interactions	Shifting to weekends no longer results in incorrect operation starts.
	SIM-2760	Closing the color dialog sets the color to white	Basic Advanced Professional	Colors	Planner-Configuration	Canceling the color dialog previously led to the deletion of the stored color in some places. This error has been fixed.
	SIM-2561	Changing the number of machines in a batch process leads to blocking the machine	Professional	Available-capacity Batch-process	Resource-Planning Simulation-logic	For batch processes, capacity changes regarding the number of machines are ignored.
	SIM-2812	Overlapping capacity reductions in the scheduling calendar are not evaluated correctly	Basic Advanced Professional	Scheduling-calendar	Resource-Planning	Overlaps and connections of availabilities are calculated correctly again.
	SIM-2752	Incorrect resource capacities for work centers after entry in the available capacity	Basic Advanced	Available-capacity Script	Resource-Planning	Capacity reductions on standard availabilities are calculated correctly again.

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	SIM-2755	Shift regime for vendors/forwarders is missing in the scheduling data set	Basic Advanced	Vendor	Ressource-planning	Vendors and forwarders have again their basic availability of 5 working days.
	SIM-2756	Planner forgets the value of the "Buffer days" parameter after data conversion	Advanced	Planner	Interface	Settings are reliably saved again.
	SIM-2783	Scheduling records: If there are several rows in the available capacity, changes to the number of machines in the last row are ignored	Basic Advanced	Script	Interface	All changes in the number of machines are again taken into account.
	SIM-2790	Simulation in the planner ignores the change of the current simulation start	Advanced Professional	Simulation-horizon	Simulation-settings	"Current start" will be considered again in the simulation.
	SIM-2727	Script error during the scheduling of materials provided by the vendor	Advanced Professional	Subcontracting	Simulation-logic	A script error in the calculation of simulation target dates for materials provided by the vendor has been fixed.
	SIM-2723	Subcontracting duration is calculated incorrectly in the simulation if the delivery date falls on a weekend	Advanced Professional	Subcontracting	Simulation-logic	The calculation of the subcontracting duration has been revised.
	SIM-2716	Incorrect calculation of the end date of purchase orders or fixed purchase order suggestions for subcontracting suggestions, orders with materials provided by vendor and relocation suggestions	Advanced Professional	Subcontracting	Simulation-logic	Fixed or already released subcontracting suggestions and relocation suggestions will no longer be shifted in the planning, but will always be simulated for the fixed dates. The only exception is when required parts or preceding operations prevent subcontracting and relocations from starting on the fixed date.
	SIM-2820	Fixed machine alternatives not evaluated	Professional	Resource-assignment	Simulation-logic	An error in the evaluation of alternative fixing in the Professional edition has been fixed.
	SIM-2764	Multiple simulation: script error for multiple purchase order suggestions in one operation	Advanced Professional	Script	Simulation-logic	The multiple simulation now considers several purchase order suggestions per operation.
	SIM-2666	Java UI components are no longer translated in Java standard (de, fr, es, ...)	Basic Advanced Professional	Language Localization	Language-and-Localization	With the changeover to Java17, only English, Chinese and Japanese are now supported in the Java standard. Existing texts that used to be translated automatically for all other delivered languages are now included in the APS dictionaries.

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## Upgrade notes

T	Key	Summary (En)	Edition	Labels (En)	Components (En)	Changelog (En)	Upgrade Note
	SIM-2765	abas 21: Rework customized standard screens	Professional	Installation	Installation-and-Update	The screens have been updated according to abas ERP 21.	The upgrade introduces some new fields in the standard screens and removes fields that are accounted for by the changes.

1 issue