

CLS RELEASE NOTES

RELEASE 5.10

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Management of versions and information

Document Version	Date DD-MON-YYYY	Author	Description
1.0	30-JUN-2020	Florian Jaspers	Initial Version



RWP - Rhythm Wheel Planning (SCM)

Important Notes

- N/A

What's New

- Selectable Anchor
Within the CLS Rhythm Wheel Designer customizing a selectable anchor can now be activated. After the activation a new field in the Product tab of the Designer is available where a product can be marked as anchor. This functionality ensures, that every planning run start with the product, which was selected in the Rhythm Wheel Designer.
- Resource Load RWD
If the capacity is bigger than 24 hours a day (based on utilization rate) the value is set to 24 hours for the Rhythm Wheel Designer Calculations
- New factoring Method: Enhanced Cut-Off
With this factoring method not always the last product of a factoring selection is cut off factored. Based on the maximum number of push out the product with the lowest counter is affected by the cut off factoring.
- Rhythm Wheel Heuristic:
 - o Performance Improvement Setup Matrix Read
 - o Planning File Entries for components can now be written by the Rhythm Wheel Heuristic
- Rhythm Wheel Designer Factoring Methods
Value help for table and field selection is now available
- Rhythm Wheel Planning:
New transaction for netting of alternative products was added /CLS/RWD04. With the help of this transaction the user can define a main product with alternatives which is then planned in the Rhythm Wheel Heuristic. (Only relevant for non-DDRMP products)
- Factoring Condition Groups
The changed by user and changed date is now displayed for the Factoring Condition groups in the transaction /CLS/RWD03
- Dynamic Rule Framework
 - o Implementation of Dynamic Rule Framework Design is implemented
 - o Switch from Design Based Framework to a generic Framework
 - o Additional Functionalities are added: Load of Product Data; Load of Resource Data
 - o Transaction /CLS/DRF02 was added for Background scheduling
 - o Transaction /CLS/DRF03 was added for Log
- Rhythm Wheel Heuristic:
New handling of fixing intervals, the fixing interval is now treated as downtime, no order is scheduled during this time and the time of the fixing interval is not part of the cycle time calculation
- Campaign Demand Horizon Calculation:
The calculation of the Campaign Demand Horizon was changed to optimize the performance
- Maximum Campaign Size
The Functionality Maximum Campaign Size is now splitted out as a factoring method. In addition the functionality of Max Number of Pushout is enabled for this factoring method

Fixed Issues

- SMB Integration,
- Load of MLQ with a percentage value:
The %-Value based on a master data field can now be loaded again
- FCG Check
Wrong check of the fields in the background was fixed
- Rhythm Wheel Designer Load:
 - o Field for Campaign Rounding Unit of Measure is overwritten with the value of Max Delta Percentage
 - o Setup information is now displayed for PPMs
 - o selection of the Right Source of Supply, the same source of supply is now chosen for the SMB Data selection as it is used for the Rhythm Wheel Designer
 - o Dump if in the Setup Characteristics of the Setup Matrix Builder only numerical characteristics are maintained
- Dump in the RWH:
Content of the field actual production time was too big for the data type

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SBM - Stock Buffer Management (SCM)

Important Notes

- For data load from LiveCache the not-pegging relevant flag of orders is now considered, i.e. demand and supply elements where the flag is set are ignored. This affects the data load in report /CLS/SBM_STAGING_SET and the data load in the Buffer Status Report. To return to the previous behavior (i.e. not-pegging relevant flag is not considered), the relevant ATP categories can be maintained via transaction /CLS/MAINT03.

What's New

Stock Buffer Setting

- Change: The pipeline stock / yellow buffer zone is not calculated based on Lead Time instead of Pull Horizon. This is mainly relevant if the setting "Consideration of Repl. Interval" is set to "Average" or "None" and leads to a more accurate reflection of cyclic replenishment patterns (CLSSBM-1754)
- Minor usability improvements, e.g. better support for sorting and filtering of numeric fields in SBM Cockpit (CLSSBM-1716, CLSSBM-927)
- In /CLS/SBM_STAGING_SET report the demand data load from LiveCache by default now ignores order elements for which the not-pegging relevant flag is set. Transaction /CLS/MAINT03 can be used to change this behavior (CLSSBM-1735)

Stock Buffer Monitoring

- Overstock tolerance is now also supported if parameters are loaded from SNP. In this case the overstock tolerance % defined in the SBM cockpit is applied to the ToG level loaded from SNP key figure (CLSSBM-1736)
- Now a defined additional open supply horizon is also supported when parameters are retrieved from external system (via /CLS/DDP tables) (CLSSBM-1710)
- For demand and supply data load from LiveCache by default order elements for which the not-pegging relevant flag is set are now ignored. Transaction /CLS/MAINT03 can be used to change this behavior (CLSSBM-1735)

General

- Improved performance for data loading and stock buffer sizing in the background (CLSSBM-1713, CLSSBM-1714)

Fixed Issues

Stock Buffer Setting

- Fixed an issue with product supersession where forecast history data from predecessor products was not correctly considered if data for different forecast lags was used (CLSSBM-1753)
- Fixed an issue where buffer status update was crashing if location products were selected for which parameters had never been released in SBM. Only affects setups where buffer levels are not loaded from external system. (CLSSBM-1717)

Stock Buffer Monitoring

- Fixed the issue that an alternative unit of measure was not correctly applied to the fields “On hand stock for production planning” and “OTOG” (CLSSBM-1761, CLSSBM-1766)
- Fixed the issue that an alternative unit of measure was only applied after saving it. Now clicking on the button “Apply” is enough, i.e. it is no longer necessary to also save the defined alternative UoM as permanent setting. (CLSSBM-1760)
- Fixed an issue where the “Next Open Supply” was shown as tomorrow if the first supply element was lying on today’s date (CLSSBM-1711)
- Fixed an issue where the projected buffer status was not correctly calculated in case for any days within the pull planning horizon the On-hand ToY level was 0 (CLSSBM-1712)

SOFOS - Sequence-optimized Forward Scheduling (SCM)

No changes in this version



SMB - Setup Matrix Builder (SCM)

Important Notes

What's New

- development for upload and download of CSV and Excel SMB functionality with different separators settings (CLSSMB-1606)

Fixed Issues

- Fixed issue of simulation version and integration: SMB CIF enhancement is not disabled with data in the simulation version (having standard setup matrices assigned) (CLSSMB-1368)
- Fixed issue on Resource update button: resource deletion is restricted only to Edit mode (CLSSMB-1399)
- Fixed issue of CSV download and upload: Long numbers are correctly displayed (CLSSMB-1175)
- Fixed issue on Excel upload: leading spaces in the cells are not recognized and are excluded for upload (CLSSMB-1608)
- Fixed issue of manual setup group usage: manual setup groups are visible and displayed in the final generated matrix (CLSSMB-1615)
- Fixed issue on Excel download and upload: leading zero's in the cells are recognized and are enabled for the download and upload (CLSSMB-1642)
- Fixed issue of Characteristic values in Display mode: no changes are able to be performed (CLSSMB-1645)
- Fixed issue of Digital separators upload: more than two characters are enabled after separator (CLSSMB-1648)
- Fixed deletion possibility on Resource screen: resource deletion is enabled with upload of Excel and CSV file (CLSSMB-1413)

DRP - Demand Driven Replenishment Planning (ECC)

Important Notes

- N/A

What's New

- The order type of non-pegged receipts elements is now defined according to the settings of the category mapping.
- In element list user-specific favorites for the call of transactions can be displayed on menu bar as well as buttons.

Fixed Issues

- The displayed number of decimal places now corresponds to the unit of measure of the material in aggregated view of element list and stock statistics of element list.
- Fixed an issue where the wrong BAdI instance was checked before the call of the BAdI method, so that the BAdI method wasn't called.

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DDP - Demand Driven Replenishment Planning (SCM)

Important Notes

- Due to technical changes of the product location structure (new open supply horizon functionality), the following activities must be performed:
 - o Recreation of the product location webservice definition /CLS/DDP_PL_FILL in development system (Should always be done in customer namespace)
 - o Transport the changed webservice definition to Q and P environment
 - o Reload the Webservice in middleware and update the integration flow (e.g. CPI-DS in IBP integration scenario)

What's New

- The open supply functionality is reworked completely to have a similar behavior between SBM, DDP and DDR which results into the following adjustments:
 - o Deletion of open supply setting in the cockpit
 - o Additional open supply horizon field for DDP product location (**please refer to Important Notes!**)
 - o Adaption of CSV upload and data conversion report between SBM and DDP
 - o In the monitor and RRP3 enhancement the open supply checkboxes are ticked accordingly to the new open supply horizon field and an additional open supply horizon line is displayed when the horizon is greater than the decoupled lead time otherwise the decoupled lead time is taken as open supply horizon
- A new netting procedure "Avoid Delays" is now available besides the common FIFO procedure
 - o This procedure uses an assignment logic that generates as few delays as possible by considering the "Alert Threshold for Lateness" field in the pegging page of the demand tab in the product master of planned products

Fixed Issues

- Heuristic
 - o The Quantity Type of ATP Category Group customizing is now also taken into consideration for qualified demand and on hand stock quantity determination
 - o Fixed issue where no lot size settings are considered for the creation of a pull element when the coverage settings is set to "Overcoverage" or "No setting" and net flow position is greater than top of yellow in case of external calculation
 - o Fixed issue where a lot was created too early when no lot had to be created in the previous period
- Monitor
 - o Fixed issue where the conversion of the product number screen field in element list was not triggered
 - o Fixed issue where the product number screen field cut off the value after 21 characters

- Cockpit
 - o For numerical product numbers leading zeros don't have to be added for the CSV upload anymore

