

Angles for SAP Release Notes

Version: 23.3

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End-user Highlights

S2D: Getting Insight into Production Resources and Tools (PRTs)

Production Resources and Tools are movable operating resources, that are required to perform a production activity and can be used repeatedly during the manufacturing process. For example, PRTs can include documents, engineering drawings, jigs and fixtures, and measurement instruments. You can assign production resources and tools to internal and external activities. You use the assignment to determine the quantity, the operating time, and the dates of the PRTs required to carry out the activity.

The following objects have been introduced to give better insight in the PRTs.

- Production Resources and Tools: information related to production resources and tools (master data). This object is based on the SAP table [CRFH], which contains CIM PRT master data.
- Task List PRT Link: information related to task list PRT links. This object is based on the SAP table [PLFH], which contains Task list - PRT data.
- Operation PRT links: information related to operation PRT links. This object is based on the SAP table [AFFH], which contains PRT assignment data for the work order data.

We have created references from the Task list and Operations to objects like PRT, Materials on Plant, Equipment, Documents and so on. This enables you to start your analysis from the highest level (PRTs) and from the lowest level (related task lists and operations).

PRT is a separate sub-module which can be activated in the workbench. To activate this module, go to: **SAP Supply Chain Management basic configuration > Task lists / Routings (PLKO, MAPL, PLPO) > Production Resource/Tools - PRT.**

Field Chooser Redesign

The field chooser screen is redesigned to enhance usability. Earlier, when you wanted to add a column to your Angle Display, the field chooser would appear as an overlay on the Angle Display. This field chooser is now placed on the left side bar giving a better view of the Angle Display you want to change.

The side-by-side view also enables you to make multiple changes to your angle display without having to repeatedly open the overlay, apply filtering and select the required filters. The field chooser remains open in the side panel, with the last filtering chosen, making it much easier to add multiple fields to your Angle Display.

Calculated Fields Enhancements

The Calculated Fields feature, which was made available for Angles in 23.2, is now also available for Pivots, Charts, Displays, Filters, Sorting, Multi-class Angles and Angles containing a jump.

We have also extended the set of Operators and Functions that you can use to create your customized calculated fields:

Functions/ Operators	
Logical Operators	AND, OR, NOT, IN, ISBETWEEN
Numerical Functions	AVG, MAX, MIN, ROUND
Date Functions	DAY, MONTH, YEAR, CURRENT_TIMESTAMP, DATEDIFF
String Functions	SUBSTRING, LEFT, LEN, RIGHT, IFNULL
Like Functions with wildcards	%, _, [], ^, -

Additionally, the following enhancements were added for improved usability while using Calculated Fields:

- Calculated fields can now be formatted just like standard fields, including changing long and short names and the format, after creation.
- Calculated fields can be selected in the field chooser.
- Calculated field(s) can be deleted from the angle using the new deletion button in the field chooser.
- Calculated Fields Syntax is validated in real time when using the editor, giving you instant feedback on your syntax.
- The Angle Warnings feature can be used for calculated fields, with the option to delete or edit the calculated field in case of warnings.
- The new standard field chooser design has been integrated into the calculated field editor.

To use Calculated fields, right click on a column or a field in your Angle or Display and select **Insert Calculated Field**. The Calculated Field Editor enables you to create your own logic, using all the fields available in your angle and the predefined operators and functions.

End user - Fixes and improvements

S/4HANA O2C/P2P: Business Partner Changes object

A change data object *Business Partner Changes* [Object class: BUPA_BUP], is introduced to manage your Business Partner data and to track changes made to this data. This object includes the related references to our model.

This object contains the most common tables and fields for this area. Since the amount of changed data can be substantial, you can customize the data you need for your business processes. The different change objects can be activated or deactivated, including their underlying tables and fields. This way, you can limit the amount of data to be loaded while answering all your SAP Change-related data questions.

You can get the data for the object customized in the following ways:

- By your consultant during upgrade
- By Angles for SAP functional support
- By your own Angles for SAP administrator.

Notably, the concept of business partner is introduced in S/4HANA. A business partner can be a person, an organization, or a group. And a business partner may have several roles.

P2P: Reference from Info record to Business Partner

The S/4HANA functionality of linking Business Partner with info record is now available on Angles for SAP. This helps in having the master data and transaction data available at one place and is helpful to track the changes at the info record level.

EWM: Reference of IBD/OBD to Batch and sublists for Handling Unit

We have updated the reference from *EWM Inbound Delivery* (IBD) and *EWM Outbound Delivery* (OBD) to the object Batch. This makes the object Batch more accessible and provides clarity to the batch parameters that are accessing the batch template or the angle.

We have also created sublists from *EWM Handling Unit* to *EWM Handling Unit GMs*. This completes the missing links at the Object level on EWM side.

O2C/P2P: New field 'Quantity closed in Alternative UoM' in objects PD/SD Item

The field *Quantity Closed in Alternative Unit of Measure* is introduced in the objects *Purchase Document Item* and *Sales Document Item*. For each common alternative unit of measure, a Quantity closed field is now available. This will provide insight in the quantity closed in any available alternative measure.

Material reference from document improved

Due to a bug, the Material reference in the Document objects was sometimes incorrect or blank. This issue has now been fixed. Only the documents with DOKOB equal to MARA now link to a Material.

Also, Materials containing leading zeros are linked correctly now.

Automatic update fix

Issues in automatic update of the WebServer and CloverDX have been fixed.

Fixed Issues

00200710 P2P: PD Schedule Lines closed while MRP relevant

PD Schedule lines of category PD Item (Third Party) and execution status Closed, were incorrectly marked in as **MRP relevant** [RelevantForLogistics]. This has now been fixed.

00200710 New field: Relevant for Supply/Demand Matching

Third-party sales/purchase documents are not visible in SAP MD04 (stock requirements list), because they do not result in a stock movement (goods issue/goods receipt). However, Angles for SAP includes third-party sales and purchase document schedules in supply demand matching, so that you can have insight on the dependent sales- and delivering purchase orders.

To give a better insight on which documents are relevant for Angles for SAP Supply/Demand matching, a new field *Relevant for Supply/Demand Matching* is introduced in the objects *SD/PD Schedule Line*. This is a Boolean indicator for whether a document is included in the Angles for SAP Supply/Demand Matching. Orders and stocks are relevant for supply/demand matching when: either they are MRP Relevant and as a result (default) visible in SAP MD04 or they are third-party sales or purchase document schedule lines.

02837022: Server model doesn't come live in specific cases

This issue has now been fixed. The issue was caused when the SAP table LIPS was left empty or unused in the sales document schedule line determination.

02673159: Chart is not displaying null values

Chart did not show null values, while pivot showed the null values. This has now been fixed.

00416726: Graph Slider Issue

Using the slider in a graph display sometimes resulted in an error in the client. This has now been fixed.

02653203: Excel file shows Every Angle and Magnitude Logo

The branding in exported Excel files has now been updated to insightsoftware logo.

02861001: 500 errors while opening Datastore tab in ITMC

Opening **IT management Console > Angle Exports**, could result in an error. This issue has now been fixed.

02821381/00426258: No warning when sorting angles with more than set limit of records

When sorting an angle with more than the set limit of records (ITMC>Model>Content Parameters], users would get an error message. This issue has now been fixed.

02821450: Maximizing graph in dashboard widgets

Maximizing a graph widget in a dashboard could result in an error. This issue has now been fixed.

03314731: Extraction error on SP11

Extraction error on 2020SP11 has now been fixed.