

Angles for SAP Release Notes

Version: 25.2

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End user – Highlights

Introducing User Currency in R2

View your financial data in your preferred currency with enhanced flexibility and transparency.

What's New

User Currency is now available in Angles for SAP R2, bridging a key feature gap for customers transitioning from R1. View the 200 most used financial value fields—sales, costs, revenue, stock values—in your chosen currency across all reports and analysis.

Key Capabilities

– Universal Currency Conversion

Apply User Currency to any currency field (Document, Local, or Standard Currency) with full user control.

– Direct Conversion Logic

Converts directly from source currency to User Currency using actual exchange rates from your SAP system, eliminating intermediate conversion steps for maximum transparency.

– Flexible Implementation

– **Individual Fields:** Apply "Show in UC" formatting to specific columns

– **Calculated Fields:** Create side-by-side currency comparisons using calculated field copies

– **Global Setting:** Enable User Currency for all fields at once in user settings

– **Export Integration:** Currency preferences automatically apply to all exports

Three Ways to Use User Currency

– **Selective Formatting** - Apply User Currency to specific fields for targeted analysis

– **Comparative Analysis** - Create calculated field copies of existing currency fields (DC, LC, or SC) and format in User Currency to view the same data in multiple currencies simultaneously

– **Comprehensive View** - Enable global User Currency setting to display all currency fields in your preferred currency by default

Perfect for R1 Migration

Your existing R1 currency fields remain fully functional while gaining expanded capabilities.

Key improvement: R1 User Currency worked only with Standard Currency fields—R2 extends this to Document Currency and Local Currency fields as well.

Recommended approach: Use calculated fields (Option 2) for direct DC→UC or LC→UC conversion. This approach avoids multiple conversion steps that can compound inaccuracies in legacy SC→UC conversions and enhances transparency and auditability.

Business Benefit

- ✔ Complete Flexibility: Apply User Currency to any currency field, not just Standard Currency
- ✔ Enhanced Transparency: Uses consistent conversion method and exchange rate source for all currency fields
- ✔ Improved Collaboration: Teams across regions work with data in their preferred currencies
- ✔ Seamless Transition: Upgrade from R1 without losing familiar functionality
- ✔ Zero Disruption: Existing reports and Angles continue working unchanged

Technical Background

Currency Types Available

- **Document Currency (DC):** Original currency from SAP documents
- **Local Currency (LC):** SAP Company code currency (may use document-specific rates)
- **Standard Currency (SC):** Angles for SAP System-wide model currency (set and maintained in ITMC Model Content Parameters)
- **User Currency (UC):** Your preferred reporting currency

R1 vs R2 Conversion Methods

R1 Method: DC → LC → SC → UC (multiple steps, document-specific rates)

R2 Method: Source Currency → UC (direct conversion, standard rate lookup)

Why R2 is Better: The biggest improvement is that users can now convert DC and LC fields directly to UC, which was not possible before. Combined with User Currency support for

calculated fields, this provides maximum flexibility. Single direct conversion from actual SAP maintained exchange rates enhances transparency and auditability.

Technical Excellence

- **Backward Compatible:** All existing columns, field names, and models unchanged
- **Runtime Processing:** Conversion happens during query execution for ad-hoc currency switching
- **Standard Rate Logic:** Uses "M" rate type and model date consistently
- **Performance Optimized:** Direct conversion ensures fast response times

User Currency is available now in your Angles for SAP R2 environment.

Questions? Our professional services team is ready to help you maximize this powerful new capability.

Improved Data Refresh with Delta Export

We've introduced a new optimization feature in the CalculationEngine: Delta Export. This enhancement significantly reduces the time required to refresh and process data by avoiding unnecessary recalculations.

What's New

- **Faster Refreshes During the Week:**
- Instead of reprocessing everything every time, the system **now only updates what has changed**.
- This means **smaller, quicker updates** with minimal system load.
- **Weekend Full Syncs for Accuracy:**
- To ensure everything stays accurate and complete, a **full data refresh still happens on weekends**.

How It Works

- Each data item (instance) is now checked to see whether it has changed since the last update.
- If it hasn't changed (marked as immutable), it is skipped during export.
- If it has changed (like a reopened order), the system will recalculate and re-export it.

Delta Export Enabled Classes

The following data classes now benefit from delta export optimization:

Data Class	Data Class
Accounting Document Header	Accounting Document Item
Billing Document Header	Billing Document Item
Change Documents	Condition Records
Condition Records (KONH)	Material Document Header
Material Document Item	

✔ Benefits to You

- Faster Data Availability: Shorter processing times mean your data is ready sooner.
- Reduced System Load: Less processing = smoother performance.
- Consistent Accuracy: Full updates ensure all data remains in sync over time.

When is Delta Export Used?

- **During daily refreshes** (Monday–Friday)
- **For data marked as unchanged** by the system
- **Automatically managed** — no action needed from users


R2: External Tables Support via Amazon S3

We are introducing the first edition of external table support for Angles for SAP R2, addressing a critical migration need for customers moving from R1 to R2. This solution enables organizations to continue leveraging external data sources while we develop a more integrated user experience.

Who This Impacts

This feature is essential for customers who:

- Are migrating from Angles for SAP R1 to R2
- Currently use scripted external table features in their on-premises R1 environment
- Need to integrate external data sources (tables) that are not available through standard SAP tables or insightsoftware platform provided business views
- Require external data integration as part of their AgS model refresh process

 *Future Enhancement Note:* This solution will be integrated into the Designer Workbench in a future release to provide an enhanced user experience and self-service capabilities.

End user - Fixes and improvements

[05162200] Sublist Jump from Reservation Items from Purchase order schedule lines not working

After the reference definition from purchase order schedule lines to reservation line was redesigned, the sublist using that reference was inadvertently not redesigned in the same way. This has been fixed, so the sublist works again.

MRP-Relevant Requirements with Deletion Indicators

Forecast and independent requirements were incorrectly shown as MRP-relevant in AgS when their MRP area had deletion indicators set, causing discrepancies between AgS and SAP MD04 views. Requirements now correctly exclude MRP-relevance when associated MRP areas have deletion indicators (MDMA-LOEKZ <> "), matching SAP behavior. AgS planning views now align with SAP MD04, providing consistent and accurate MRP-relevance determination across both systems.

PO Returns MRP Subsegment Correction

PO returns were incorrectly showing an issuing subcontracting vendor MRP subsegment instead of displaying empty, causing mismatched supply/demand results in MRP planning views. This has been corrected. PO returns now correctly display empty MRP subsegment for issuing operations, resolving incorrect supply/demand matching results. These results improved accuracy in subcontracting vendor MRP subsegment handling and stock transfer reservations.

Fixes in Characteristic Conversion Handling for Mixed Class Types

When SuppressMULTOBJ was enabled, empty X_MULTOBJ tables were not moved to the model folder, causing outdated tables to persist.

And in scenarios involving multiple class types with mixed TCLA-MULTOBJ values, some characteristics were lost during conversion.

Both issues are resolved—empty X_MULTOBJ tables are now correctly moved, and characteristic loss due to mixed class types is prevented.

This ensures accurate and complete classification of data in the model, regardless of SuppressMULTOBJ setting.

[05224262] Error 409 in Angle because of the User roles with company code filters adding a jump to the Material on Plant level

An issue was reported where multiple users encounter an error in the angle application when filtering on a specific plant. The error indicated a problem with the query execution due to an invalid reference in the FROM-clause for table "qry1_plant". In R1, users with the same roles and company code could execute the angle without issues, but R2 prevented access. This issue has been resolved.

Table positioning conditions extended with comparison to a table-field

This version introduces the possibility to specify a table field as the comparand after a table-positioning condition.

All operators are supported (=, !=, <>, <, <=, >, >=). A list of fields is not supported - only one field can be compared against.

Regular values (enquoted or not) and a list of comma-separated values are still supported and will still work the same as before, except when a literal value is not enquoted and matches a valid table-field. (In that case, the config can be fixed by enquoting that value).

Note, that the old-style 3 special cases for literal value only apply to literal values (not to fields): comparing against a zero-length string (an "IsEmpty" check"), and the literal VALID and INVALID markers (indicating any record will suffice, or not, on the specified dataset). This too, has not been modified.

S4: Table KNVK not downloaded but still part of WaitFor multiple Restructure actions

Since KNVK table does not exist in S/4 systems, all standard content referring to it has been made ECC only.

WebClient: Chart not synchronized with X-axis Date

The refresh cycle graph does not accurately represent the data based on the x-axis values. At times, it intermittently displays correct data, but this is not consistent. This issue has been resolved.

This enhancement enables efficient, scalable, and secure data extraction, supporting organizations in their digital transformation journey while maintaining regulatory and operational flexibility.