

MacromatiX Release Notes



2026.3

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Customer Edition

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Introduction

This document communicates the major new features and changes in the 2026.3 MacromatiX Release. It also references issues that were addressed during this release. MacromatiX is a cloud-based operating system that provides operational efficiency, cost controls, and real-time visibility into restaurant operations that keep the manager in front of customers and focused on their experience, rather than stuck in the back office staring at spreadsheets.

Get instant insight into inventory and financials with in-depth, down-to-the-item reporting. Gain access to sales data, gross profit, cost of goods sold, loss prevention, and exception management with the ability to report down to the item level at individual stores. With MacromatiX, food is fresher, waste is reduced, and gross profits are increased.

About This Release

The 2026.3 release includes substantive changes to improve operational efficiency, strengthen integrations across Fourth products, and deliver performance and usability improvements for managers and corporate users. A few of the release highlights for MacromatiX Desktop, MxConnect (Mobile), and back-end services are detailed below.

Release Highlights

- ✓ **Faster, more flexible mobile inventory ordering:** Store teams can now sort inventory items by Forecast, Suggested, On Order, On Hand, and Order Quantity, with a configurable default sort order, to prioritize high-demand items and complete ordering more efficiently. (Enhanced Sorting Options for Mobile Inventory Ordering – F29217)
- ✓ **Digitized temperature capture in production workflows:** Dynamic Production and Food Process Dashboard completion workflows now support mandatory temperature confirmation, recorded manually or via Bluetooth thermometer, improving food safety traceability and auditability. (Dynamic Production Cook Completion and Food Process Completion Temperature Capture – F29568)
- ✓ **Deeper mobile COGS variance analysis:** The Mobile COGS Report gains new variance metrics, a configurable Actual Usage calculation, and hierarchical drill-down by item group and subgroup, helping teams pinpoint inventory discrepancies faster. (Mobile COGS Report Variance Analysis Reporting Enhancement – F29220)
- ✓ **More usable, better performing Inventory Movement reporting:** The Inventory Movement Report adds reporting-unit support, hierarchical navigation, and a new daily movement drill-down, while optimizing data loading for large datasets. (F29219, F29218)

- ✓ **Enterprise-scale, near real-time Symphony POS integration:** A new Symphony2 architecture replaces sequential polling with a distributed, queue-based framework, enabling near real-time processing for deployments exceeding 5,000 stores. (Scalable Near Real-Time Integration with Oracle Symphony POS – F29542)
- ✓ **More reliable Symphony integration:** CloudLink's Symphony integration now automatically refreshes authentication tokens ahead of expiry and captures cash-rounding information on transactions. (Symphony Integration Improvements – F29510)
- ✓ **56 defects resolved:** This release includes fixes across mobile usability, banking and deposits, reporting accuracy, POS integrations, and ordering.

Front-End Applications	Front-End Applications	Front-End Applications
	Mobile (MxConnect)	Desktop (MMS)
Administration		
Core		1
Financial		
Forecasting		
Inventory	3	
Production	3	
Reporting	4	1
Workforce		2
Total	10	4

Back-End Applications	Back-End Applications
CloudLink	5
LiveLink	1
RDS	
Server Manager	1
Total	7

MacromatiX Mobile (MxConnect)

Inventory

★ **TDL Vendor Integration, Staged Scheduled Ordering, and Batch Order Processing Enhancements (F29565)**

Summary

This release introduces a comprehensive set of ordering and vendor integration enhancements for a customer.

A new Staged Scheduled Ordering workflow allows stores to place orders through multiple configurable stages — Regular, Missing, Add-On, and Rush. Vendor-level and schedule-level settings enable staged ordering independently per vendor and schedule, with configurable stage windows, stage codes, and quantity limits. Add-On orders are only available after a Regular or Missing order has been successfully submitted, and TDL rush orders transmit to the vendor immediately without batch processing.

A new batch electronic order transmission framework aggregates multiple purchase orders into a single XML file sent to TDL, using new XSLT Manager export and concatenation definitions. The Auto Process Scheduled Orders task has been enhanced to support stage-based auto submission alongside batch transmission, run on a configurable schedule.

Shipping confirmations now support two tax components (Tax1 and Tax2), with automatic total tax calculation and display of tax breakdowns on Order Receive, Order History, and the Standard Order Report. Existing single-tax integrations continue to function unchanged.

New automated vendor integration imports synchronize Vendor Items, Vendor Entity Items, Vendor Item Pricing, Schedule Orders, and ASN-based Shipping Confirmations between SAP and MacromatiX, including vendor item minimum/maximum order quantity updates.

RDS synchronization has been extended to cover the new staged ordering, batch processing, and tax breakdown data structures.

Reason for the Change

These enhancements improve ordering flexibility, vendor integration efficiency, and data accuracy for vendor TDL while reducing store operational challenges and improving vendor communications — giving stores additional opportunities to place orders when standard windows are missed, improving electronic transmission efficiency through batch processing, supporting more accurate tax reporting, and automating vendor data synchronization from SAP to reduce manual maintenance.

Security Permissions

No new security roles or permissions are introduced as part of this enhancement.

Configuration Settings

Configuration	Description
Enable Staged Scheduled Ordering (Vendor)	Enables the staged scheduled ordering workflow for a vendor.
Enable Staged Scheduled Ordering (Schedule)	Enables staged ordering for individual order schedules.
Stage Code	Identifies the ordering stage for integration purposes.
Stage Window	Controls how long each ordering stage remains available.
Item Quantity Limit	Limits total quantity ordered during Missing, Add-On, or Rush stages.
Stage Enabled	Controls whether a stage is available.
Show Stage	Displays stage information on Receive and Order History pages.
Auto Transmit Scheduled Order	Enables automatic order submission and staged processing behavior.
Purchase Order Distribution Method = XSLT Export	Enables TDL batch order transmission processing.

★ Survey Order Management for Promotional Demand Planning (F29611)

Summary

A new Survey Order Import process allows a customer's head office to distribute promotional demand-planning surveys to stores through automated XML file integration, including validation of stores, vendors, vendor items, purchase units, survey dates, and suggested quantities, with notification emails sent to store contacts when new surveys are available.

A new Survey Order tab in the Ordering module lets stores review active surveys, promotional dates and instructions, adjust suggested quantities based on local demand, and add comments, with responses saved automatically and editable until the response window closes. A demand-planning reference panel on the survey detail page shows daily theoretical usage for the previous seven days and daily forecast usage for the next fourteen days, including UPT-based calculations where configured.

Order History adds a Survey Order view for reviewing completed, read-only survey responses after the window closes.

Consolidated survey responses are automatically exported to TDL after the survey window closes via a new XSLT export framework, supporting single- and multi-store consolidation, daily scheduling, duplicate-export prevention, and SFTP transmission. Survey order headers, line items, quantities, and comment history are synchronized to RDS for reporting and auditing.

Reason for the Change

A customer currently manages promotional demand surveys outside the back-office system through manual communication and spreadsheet consolidation, increasing administrative effort and risking inaccurate demand planning. This enhancement centralizes distribution, collection, and export of promotional demand data within MacromatiX, improving supply chain planning, procurement forecasting, and auditability.

Security Permissions

No new security permissions or user roles are introduced as part of this enhancement.

Configuration Settings

This enhancement does not introduce new user-configurable application settings; the solution relies on survey order attributes provided through the import process.

Setting / Attribute	Description
Survey Start Date	Controls when store responses can begin.
Survey End Date	Controls when survey responses become read-only and are eligible for export.
Promotion Start Date	Optional promotional campaign start date.
Promotion End Date	Optional promotional campaign end date.
Suggested Quantity	Head office recommended quantity for each survey item.
External Reference	Optional survey reference identifier.

The implementation also introduces a new Survey Order XML import process, new XSLT export tasks for response consolidation, and SFTP transmission of consolidated results to TDL.

★ Enhanced Sorting Options for Mobile Inventory Ordering (F29217)

Summary

A new configuration setting lets customers define the default sort applied when items are displayed on the Mobile Inventory Ordering screen for a new purchase order — Travel Path (the system default), Item Code (Ascending), Description (Ascending), or Forecast (Descending).

The Mobile Inventory Ordering screen has also been enhanced to support dynamic sorting on additional columns. Previously users could only sort by Item Code or Description; they can now sort by Item Code, Description, Forecast, Suggested, On Order, On Hand, and Order Quantity, toggling ascending/descending order via the column header sort icon. Users can return to Travel Path sorting at any time to continue ordering based on the physical layout of the restaurant.

Reason for the Change

The existing screen relied primarily on Travel Path sorting with limited flexibility, forcing users to scroll through lengthy item lists to find items needing attention. A customer requested enhanced sorting to let users prioritize items by operational data such as Forecast and Suggested Order Quantity, improving ordering efficiency and reducing the risk that important items are overlooked.

Security Permissions

No new security permissions, user roles, or access control changes are introduced as part of this enhancement.

Configuration Settings

Configuration	Description	Default Value
Default Item Sorting Method	Defines how inventory items are initially displayed when a new purchase order is created.	Travel Path

Available configuration options: Travel Path, Item Code (Ascending), Description (Ascending), Forecast (Descending). When Travel Path is selected, items without a Travel Path assignment appear at the top of the list; when another method is selected, new purchase orders display items using that default, and users can still change sorting dynamically on the ordering screen.

Production

★ Dynamic Production Cook Completion and Food Process Completion Temperature Capture (F29568)

Summary

The Enhanced Production Management and Control (EMPC) workflow now supports temperature capture during cook completion. A new item-level configuration, Temperature to Confirm, is available in Production Manager; when enabled, temperature confirmation becomes mandatory before an item can transition from Cooking to Holding. When a cook cycle completes, the production tile flashes and remains in the Cooking state until temperature is confirmed, entered manually or via the existing Bluetooth thermometer integration. Once confirmed, temperature is recorded, product labels print automatically with temperature information (supporting both Generic and DayMark printing

providers), the item transitions to Holding, and remaining holding time adjusts to account for elapsed time. A new EMPC legend indicator identifies items awaiting temperature confirmation.

The Food Process Dashboard completion workflow has a parallel Temperature to Confirm item-level configuration; when enabled, users must enter a temperature — manually or via Bluetooth thermometer — before completing an item, and completion labels include the captured value.

Temperature readings, capture methods, timestamps, and related production events are stored and replicated to RDS for analytics, compliance reporting, and auditing.

Reason for the Change

A customer currently relies on separate manual processes for temperature checks, label printing, and transitioning products into holding after cooking, resulting in inconsistent execution, inaccurate holding timers, handwritten records, and limited auditability. This enhancement digitizes temperature capture within production workflows to improve food safety traceability, operational consistency, and audit readiness while reducing manual effort.

Security Permissions

No new security roles or permissions are introduced as part of this enhancement.

Configuration Settings

Configuration	Location	Default	Description
Temperature to Confirm	Production Manager (Production Item Level)	False	Requires temperature confirmation before an item can transition from Cooking to Holding.
Temperature to Confirm	Food Process Configuration (Item Level)	False	Requires temperature entry before item completion can be confirmed.

When disabled, existing cook completion and food process completion workflows remain unchanged. When enabled, temperature entry becomes mandatory (manual or Bluetooth), labels include temperature information, and temperature data is recorded and synchronized to RDS.

★ DayMark MenuKonex Cloud Label Printing Integration (F29543)

Summary

MacromatiX now supports direct cloud-to-cloud integration with DayMark MenuKonex for automated label printing. A new Label Printing Method configuration under Inventory → Production offers LiveLink Connection (existing default) or DayMark APIs (new), configurable at the template level and overridable by zone or store to support phased rollout.

When DayMark APIs are enabled, print requests generated from Dynamic Production and Food Process Dashboard workflows are transmitted directly to MenuKonex over HTTP APIs, using managed authentication tokens and centrally stored connection information. A new Server Manager task validates and synchronizes required master data (item names, label names, category names) between MacromatiX and MenuKonex, caching data locally and flagging configuration issues that could prevent successful printing.

Label print requests carry richer production information — store number, batch number, completion time, expiry time, captured temperature, label quantity, and template — and the system processes asynchronous webhook callbacks from MenuKonex to track print status. A new retry framework automatically retries eligible failures up to three times with audit logging, and Dynamic Production and Food Process Dashboard display a visual failure indicator, visible until a successful print occurs, when printing is unsuccessful.

Existing LiveLink-based printing remains fully supported and unchanged for customers who do not adopt DayMark APIs.

Reason for the Change

A customer requested a pilot integration with DayMark MenuKonex to automate production-driven label printing and reduce reliance on LiveLink agents hosted in-store. The cloud-to-cloud approach delivers faster printing, reduced deployment and maintenance complexity, improved reliability, and greater scalability, while also supporting automated label creation during production, preparation, and thaw workflows.

Security Permissions

No new end-user security permissions or security roles are introduced as part of this enhancement; the feature is controlled through configuration and API integration settings.

Configuration Settings

Configuration	Description	Default
Label Printing Method	Determines whether label printing uses LiveLink or DayMark APIs	LiveLink Connection
DayMark API Endpoint Configuration	Stores MenuKonex API URLs and connection information	Environment Specific
DayMark Authentication Credentials	Stores credentials required to authenticate with MenuKonex	Environment Specific

When set to LiveLink Connection, existing behavior is unchanged and no DayMark API communication occurs. When set to DayMark APIs, print requests route directly to MenuKonex and authentication, callback processing, retry handling, and failure monitoring become active.

★ eProduction Integration Scalability and Recipe Compatibility Enhancements (F29263)

Summary

MRMS introduces server-side caching for eProduction master data APIs — SoldMenuItem (SMIS), BaseMenuItem (BMIS), Recipe Components, Items By Market, and the Restaurants API — served from pre-generated datasets rather than repeated live queries during peak integration periods. A new Server Manager task, eProduction Caching, generates and refreshes cache data daily (default 9:00 PM), with automatic removal of stale cache after successful regeneration, and APIs automatically fall back to direct database queries if cache data is unavailable.

MRMS has also been enhanced to support a customers expanded four-layer recipe structure (Combo → Sales Item → BOM → Inventory Item). SMIS and BMIS now derive combo-to-BOM relationships by traversing Combo → Sales Item → BOM, preserving existing BMIMenuCode values for one-to-one relationships while auto-generating unique values for one-to-many relationships, keeping BMIMenuCode alignment across both APIs. For combo meals with sales item quantities greater than one, the integration now applies combo-level quantities when deriving BOM relationships and recipe components, improving ingredient quantity accuracy for kitchen production planning.

Reason for the Change

As eProduction rollout expands, large volumes of concurrent API requests were creating significant database and application server load. Separately, a customers enhanced combo recipe model was not supported by the original three-layer integration, resulting in incomplete BOM and ingredient relationships for combo products. This enhancement improves scalability and API responsiveness for nationwide deployment while providing complete, accurate combo recipe data for kitchen production planning.

Security Permissions

No new end-user security permissions or user roles are introduced as part of this enhancement; existing API security models, authentication, request parameters, and response formats remain unchanged.

Configuration Settings

Configuration	Description	Default
eProduction Caching Task Schedule	Controls when cache generation occurs	9:00 PM
eProduction Caching Service	Generates and refreshes master data cache datasets used by eProduction APIs	Enabled after deployment

Reporting

★ Mobile COGS Report Variance Analysis Reporting Enhancement (F29220)

Summary

The Mobile Cost of Goods (COGS) Report gains new variance metrics — Variance Quantity, Variance Value, Variance % of Sales, and their absolute-value equivalents — comparing Actual Usage against Theoretical Usage to surface items with the greatest inventory impact regardless of direction.

A new Include Waste in Actual Usage option in the Mobile COGS Report View Manager determines whether waste transactions factor into the Actual Usage calculation. When disabled, the report additionally displays Missing Quantity, Missing Value, and Missing % of Sales metrics that highlight inventory variance not explained by recorded waste.

Report navigation has been redesigned as a tree-view hierarchy — Total Summary → Item Group → Item Subgroup → Individual Inventory Item — with expandable/collapsible levels. Loading has been optimized to fetch summary-level data first and retrieve item-group and item-level detail only on demand, reducing load times on large datasets.

Reason for the Change

A customer adopted the Mobile COGS Report as its primary inventory analysis tool, but it lacked variance metrics, making it difficult for restaurant users to quickly identify differences between actual and theoretical usage. This enhancement gives immediate visibility into variance performance, enables faster identification of abnormal usage patterns, and supports investigation of waste, discrepancies, and process issues.

Security Permissions

No new security roles, permissions, or access controls are introduced as part of this enhancement; users with existing access to the Mobile COGS Report continue to use it unchanged.

Configuration Settings

Configuration	Description	Default Value
Include Waste in Actual Usage	Determines whether Waste transactions are included in the Actual Usage calculation.	Enabled

When enabled (default), Actual Usage = Beginning Inventory + Purchases – Returns + Transfers In – Transfers Out – Waste – Ending Inventory. When disabled, Waste is excluded from the calculation and the additional Missing Quantity/Value/% of Sales metrics become available.

★ **Inventory Movement Report Usability and Performance Enhancement (F29219)**

Summary

The Inventory Movement Report now supports displaying quantities using an item's configured Reporting Unit (falling back to the inventory unit when none is defined), with quantity and unit cost values converted accordingly while financial values remain unchanged. Misleading quantity-based totals and subtotals have been removed at the subgroup, group, and overall summary levels — value-based totals continue to display as today.

Navigation has been redesigned around a hierarchical drill-down (Total → Item Group → Item Subgroup → Individual Inventory Item), with items lacking a valid subgroup grouped under "Unknown." Report performance has been improved through dynamic, selective data loading — summary information loads first, with detailed item-level data retrieved only when a user drills into a subgroup, and hidden columns are not calculated.

The enhancement does not change existing inventory movement calculations, source data, or financial valuation logic.

Reason for the Change

Inconsistent reporting units, misleading quantity aggregations, limited drill-down, and slow generation performance were reducing adoption of this critical operational and financial reporting tool. This enhancement improves clarity, responsiveness, and alignment with other MacromatiX SSRS inventory activity reports, supporting better operational and financial decision-making at both store and corporate levels.

Security Permissions

No new security permissions, security roles, or access control changes are introduced as part of this enhancement.

Configuration Settings

No new customer configuration settings are introduced; the report automatically uses existing item reporting-unit configuration when available.

★ **Inventory Movement Report Daily Inventory Movement Drill-Down (F29218)**

Summary

The Mobile Inventory Movement Report adds an expand/collapse control on each inventory item row, letting users drill from item-level totals into daily movement detail for the selected reporting period. Daily rows display in ascending date order beneath the selected item, showing the same metrics as the item-level report (balances, receipts, transfers, waste, usage, and variance), with item code/description columns replaced by a localized date column. Only one item can be expanded at a time — expanding a different item collapses the previous one.

Daily movement data loads only when requested, keeping initial report loading limited to summary information. Export functionality is unaffected: Export View continues to generate item-level summary results only, and daily drill-down data is not included in exports.

Reason for the Change

The report previously summarized activity across the full reporting period, giving users limited visibility into exactly when abnormal usage, waste, receipts, transfers, or variances occurred. This enhancement provides daily visibility to accelerate root-cause analysis and support more informed corrective actions, without introducing noticeable performance degradation.

Security Permissions

No new security permissions, security roles, or access control changes are introduced as part of this enhancement.

Configuration Settings

No new customer configuration settings are introduced; the report automatically uses existing item reporting-unit configuration when available.

★ Total Banked Reporting through Financial Group Enhancements (F27971)

Summary

Financial Group configuration now supports Deposits as a new member type, covering Cash Deposits, Banking Deposit, Deposit AM, and Deposit PM, stored using a new `DepositTypeId` field. The existing Subtract calculation option and Filter Criteria functionality, previously limited to certain Financial Group types, are now available across all types — Sales Summary, Banking, Banking KPI, and Financial Analytics.

Mobile Store Summary and Mobile Area Summary reports can now display a Total Banked value by configuring a Financial Group that combines all EFT/Card payment types with Banking Deposits. These enhancements have been incorporated into MMS Night Banking Summary, Mobile Daily Reconciliation, Daily Banking Summary (Report ID 1035), Banking KPI reporting, and the Financial Analytics extraction process.

Reason for the Change

As part of a customer's Move to Mobile initiative, the Mobile Store Summary report did not provide a Total Banked value equivalent to what was available in MMS — finance users could see card payments and cash deposits separately but not a consolidated banking figure. This enhancement delivers configurable Total Banked reporting, brings consistency between MMS and MXConnect, and supports adoption of Move to Mobile across equity and franchise stores.

Security Permissions

No new security roles or permissions are introduced as part of this enhancement.

Configuration Settings

A new Financial Group member type has been added:

Configuration	Description
Deposits	Allows deposit values to be included as Financial Group members.

Supported deposit types: Cash Deposits, Banking Deposit, Deposit AM, Deposit PM.

The following options are now available across all Financial Types (Sales Summary, Banking, Banking KPI, Financial Analytics):

Configuration	Description
Calculation Option = Subtract	Allows financial group totals to subtract values from group totals
Filter Criteria	Restricts included transactions based on configured criteria

MacromatiX Desktop (MMS)

Core

★ Yum BYTE POS Integration: Employee Service Enhancement (F29527)

Summary

The standard MacromatiX employee export has been enhanced to include employee Security Group assignment information, supporting multiple Security Group assignments per employee, with new XML elements added in a backward-compatible way. A new `EmployeeService` method, `GetEmployeeByStore`, lets BYTE POS retrieve employee information by store — including optional inclusion of terminated employees and Security Group data — using XML formatted with the same logic as the enhanced standard export. The existing `GetEmployeeInformationExport` method remains unchanged to avoid impacting existing customers and integrations.

Reason for the Change

A customer is migrating from Compris POS to BYTE POS and requires complete employee data synchronization, including Security Group information, to support user authentication and role-based access within the new POS platform. Without this data, restaurants would need to manually configure employee permissions, increasing administrative effort and the risk of inconsistency. This enhancement enables automated employee synchronization and accurate role-based access control during the migration.

Security Permissions

No new user security permissions or role changes are introduced as part of this enhancement.

Configuration Settings

No new configuration settings are introduced as part of this enhancement.

Reporting

★ DFT Export Revenue Center Mapping Enhancement (F29577)

Summary

The Daily Financial Transaction (DFT) export now classifies transactions using Revenue Centers rather than Service Types for fields 64/65 (Delivery), 66/67 (Soft Serve), 78/79 (Drive-Thru), 81/80 (Eat In), and 83/82 (Take Out), populated from Revenue Center classifications stored in transaction summary data. This ensures kiosk Order Modes such as `KioskDineIn` and `KioskTakeOut` — previously excluded from DFT exports due to incomplete FinCode mapping despite being correctly reported in DCR — are now included, and the model supports future Order Modes (including Catering) through configuration.

rather than code changes. Order Modes map to one of five supported Revenue Centers: CarryOut, Delivery, EatIn, DriveThru, and SOFTSERVE. DCR reporting and all other DFT export fields are unaffected.

Reason for the Change

New kiosk Order Modes introduced as part of the Kiosk Project were captured correctly in operational reporting but were not consistently included in DFT exports due to missing or incomplete financial mappings, creating reconciliation differences between DCR and DFT and increasing manual Finance effort. This enhancement restores reconciliation alignment, improves completeness and accuracy of daily accounting exports, and provides a scalable path for future Order Mode expansion.

Security Permissions

No new security permissions, user roles, or access controls are introduced as part of this enhancement.

Configuration Settings

Revenue Center mapping must be configured by Professional Services within polling configuration before the enhancement is enabled in production.

Configuration	Description
Revenue Center Mapping Enabled	Enables Revenue Center classification during polling.
Order Mode to Revenue Center Mapping	Maps each POS Order Mode to a supported Revenue Center.
Revenue Center Population Validation	Verifies Revenue Center IDs are successfully stored in transaction summary records before production use.

Supported Revenue Centers: CarryOut, Delivery, EatIn, DriveThru, SOFTSERVE.

Deployment dependencies: Revenue Center mapping must be completed, and Revenue Center IDs populated in transaction summary data, before the updated DFT export is used in production; historical exports require Revenue Center backfill if regenerated using the new logic.

Workforce

★ Time Matrix Payroll Export Enhancement (F28731)

Summary

The Time Matrix Payroll Export's labor hour calculation logic has been aligned with other MacromatiX payroll export formats (ADP, Paychex, Workstream), so employee pay hours are calculated and exported using the same business rules. The enhancement also adds Driver Split Pay support: when Driver Split Pay is enabled at the POS and corresponding punches are received, hours worked as Driver and Driver In-Shop are correctly allocated with wages accurately represented by role. Other payroll

export formats and the Time Matrix file structure remain unchanged beyond what is required to support the updated calculation logic.

Reason for the Change

A customer identified discrepancies between labor hours in the Time Matrix Payroll Export and other payroll formats, causing inconsistent reporting and extra reconciliation effort, and the export did not properly support Driver Split Pay scenarios. This enhancement improves payroll accuracy, ensures consistent labor hour reporting across export formats, and reduces manual adjustments for store managers, franchisees, head office, and accounting teams.

Security Permissions

No new security roles, permissions, or access controls are introduced as part of this enhancement.

Configuration Settings

No new MacromatiX configuration settings are introduced as part of this enhancement.

★ Workstream Payroll Export Enhancements (F29516)

Summary

The Workstream Payroll Export from the Data Export page now supports selecting multiple stores, with a new Combine Stores in Export option. When selected, the system generates a single export file covering all selected stores; when not selected, separate files are generated per store as today. The export has also been enhanced to ensure every payroll record — including Tips and DMR (Delivery Mileage Reimbursement) entries — contains a valid Job value, keeping files compatible with Workstream Payroll import requirements. Workstream Payroll Exports generated from the Time and Attendance page are unchanged.

Reason for the Change

Multi-store franchisees previously had to generate and upload payroll exports separately per store and consolidate them manually before import. Some records also carried blank Job values for Tips and DMR entries, which does not meet Workstream Payroll's requirement that every record include a Job designation. This enhancement reduces manual effort for multi-store operators and improves payroll import success rates.

Security Permissions

No new security roles, permissions, or access controls are introduced as part of this enhancement.

Configuration Settings

No new MacromatiX configuration settings are introduced as part of this enhancement.

CloudLink

★ BYTE POS Integration – Use Order Number as the POS Transaction ID (F29471)

Summary

A new CloudLink configuration, “Use Order Number as POS Transaction Id,” has been added to the BYTE POS integration, allowing the BYTE POS Order Number to be used as the POS Transaction ID for a customer. When enabled, CloudLink uses the Order Number as the POS Transaction ID whenever it can be parsed as a valid numeric identifier; if the Order Number is invalid or non-numeric, CloudLink automatically falls back to the system-generated transaction ID and logs an error without interrupting transaction processing.

CloudLink continues to generate an internal unique transaction ID derived from the BYTE order UUID for duplicate detection and transaction integrity — duplicate validation no longer depends on the POS Transaction ID. When Poll POS is configured with SummaryOtherInfo3 = POSTransactionID, the final POS Transaction ID used is also stored in the RDS TransactionSale.AdditionalInfo3 field.

Reason for the Change

A customer requires the BYTE POS Order Number to be used as the transaction identifier within MacromatiX to maintain consistency with historical transaction data generated by the legacy Compris POS platform, ensuring continuity for reporting, reconciliation, financial analysis, and downstream data processing following the migration to BYTE POS. The enhancement lets a customer preserve familiar transaction identifiers while maintaining robust duplicate detection through CloudLink’s internally generated unique transaction ID, minimizing reporting disruption during the POS transition.

Security Permissions

No new user security permissions or role changes are introduced as part of this enhancement.

Configuration Settings

Configuration	Description	Default Value	Customer Value
Use Order Number as POS Transaction Id	Controls whether CloudLink uses the BYTE POS Order Number as the POS Transaction ID. When disabled, the system-generated transaction ID continues to be used.	False	True

★ Scalable Near Real-Time Integration with Oracle Symphony POS (F29542)

Summary

CloudLink introduces a new Symphony2 integration architecture for near real-time, message-driven processing of Oracle Symphony POS, replacing the existing sequential polling model with a distributed, queue-based framework built on a new POS Integration Queue and Sales Queue, with distributed routing and message distribution services. Multiple polling, transformation, and Server Manager services can run concurrently, with automatic store-to-process assignment for balanced workload distribution, enabling horizontal scale-out across additional servers, service instances, and queues.

A new Symphony register type operates alongside the existing ARTS register type, so both integration methods can run simultaneously for a controlled migration. Symphony2 transforms Oracle POS payloads directly into MX Sales Messages, eliminating dependency on ARTS XML processing, and supports all major transaction types handled by the legacy integration — cash events, sales, discounts/promotions, payments/tenders, voids/refunds/overruns, waste, and online/external orders.

New data-integrity controls include duplicate transaction prevention across polling cycles, services, and migration scenarios, plus detection and automatic reversal/reprocessing of transactions modified after initial processing, with a full audit trail. New operational capabilities add configurable transaction payload logging with replay support, enhanced polling notifications and error logging, and data archival/purging for long-term performance.

Reason for the Change

The existing Oracle Symphony integration relies on sequential, batched polling that can take roughly 30 minutes per cycle for large deployments, delaying data availability within MacromatiX and creating bottlenecks. This enhancement enables near real-time ingestion for enterprise-scale deployments exceeding 5,000 stores, reducing latency affecting inventory, cash management, and production planning while improving throughput, fault tolerance, and reliability.

Security Permissions

No new end-user security permissions or security roles are introduced as part of this enhancement; the solution is implemented as a CloudLink and Server Manager architectural enhancement operating through system-level service configuration.

Configuration Settings

Configuration	Description
Register Type	Selects POS integration method: ARTS (existing) or Symphony (new).
MaxProcesses	Defines the number of distributed processing partitions used for store assignment.
ProcessId	Assigned automatically to distribute stores across processing services.

Polling Service Interval	Controls polling frequency for Oracle BI data retrieval.
Logging Configuration	Controls payload logging, debugging, and replay capabilities by store and data type.
Retention Period	Defines archival and purging periods for processed messages.

With ARTS Register Type, existing behavior is unchanged. With Symphony Register Type, the new distributed framework is enabled with queue-based processing and direct MX Sales Message transformation, supporting near real-time processing.

★ Register Open Event Handling (F29974)

Summary

The CloudLink Symphony POS integration now captures a customized open event for register shifts using “Tender Media” event-type transactions, mirroring the existing methodology used for Register Close events. Two new configurations control the behavior: Process Sales Special Events must be set to true to enable processing, and Register Open Tender Media Type identifies which Tender Media event name (e.g. “Drawer Open”) should be treated as a Register Open. When configured, matching events automatically create Open shifts in MacromatiX Cash Management.

Reason for the Change

The existing integration could capture Register Close events via Tender Media transactions but provided no visibility into active shifts before they closed. Once configured, managers can see registers as Open within Cash Management, viewing accumulated sales and transaction counts, and a reconciliation is created automatically when the corresponding close event is received.

Security Permissions

No new user security permissions or role changes are introduced as part of this enhancement.

Configuration Settings

The following settings must be applied within the Symphony Polling CloudLink service:

Setting	Value
Process Sales Special Events	true
Register Open Tender Media Type	Drawer Open
Process Cash Management	false

“Process Cash Management” should remain false unless the customer uses Symphony’s own Cash Management module, which presents events through a different process that does not involve Tender Media transactions.

★ Redcat Integration Enhancement: Modifier Classification via Configurable Category IDs (F29955)

Summary

The Redcat POS integration adds a configuration-driven modifier identification model via a new ModifierCategoryIDs setting, supporting comma-separated category ID lists, regular-expression patterns, or multiple ranges within a single value. CloudLink now evaluates item relationships using both the POS hierarchy and configured modifier categories: child items matching ModifierCategoryIDs are always processed as modifiers, grandchild items beneath combo items are always processed as modifiers regardless of category configuration, and non-matching child items continue to be processed as combo item relationships where applicable. Combo relationships are stored in tbTransactionSalesItemCombo and modifier relationships in tbTransactionSalesItemModifier, with existing tbTransactionSalesItem processing unchanged.

Reason for the Change

A customer’s existing Redcat integration only recognized modifiers under limited hierarchy conditions, causing many modifiers to be incorrectly processed as combo components. This enhancement improves modifier identification accuracy, inventory depletion accuracy for customized items, and reporting/business-intelligence accuracy, while providing more operational flexibility for item additions, substitutions, and modifiers.

Security Permissions

No new security roles, permissions, or user access controls are introduced as part of this enhancement.

Configuration Settings

Configuration	Description
ModifierCategoryIDs	Defines Redcat category IDs that should be treated as modifiers during transaction transformation.

Supported formats: category ID list (e.g. 335,458,601) or regular-expression pattern (e.g. 31[1-5],335,458,59[4-9]).

When a child item matches ModifierCategoryIDs, it is classified as a modifier and stored in tbTransactionSalesItemModifier. When it does not match, it is processed as a combo item (when its

parent is not itself a child item) and stored in tbTransactionSalesItemCombo. Grandchild items are always treated as modifiers associated with a combo item, regardless of category configuration.

★ **Simphony Integration Improvements (F29510)**

Summary

Two enhancements have been introduced to the CloudLink Simphony POS integration. First, authentication no longer relies solely on directly requesting a token with API account credentials — tokens are now refreshed automatically before they expire, provided the credentials were valid when the initial token was obtained (API account passwords must still be maintained, but the refresh cycle no longer depends on their ongoing state). Second, the integration now captures rounding information associated with transactions, supporting POS operators who apply coin-change rounding (typically to the nearest \$0.05) for cash transactions following the US discontinuation of penny production.

Reason for the Change

Oracle API account passwords expire every 90 days, and relying on direct token requests caused avoidable outages requiring manual password resets; automated refresh keeps tokens current ahead of expiry. Separately, without capturing rounding adjustments, cash reconciliation would not balance, since collected cash can differ slightly from the computed transaction total by the rounding amount.

Security Permissions

No new user security permissions or role changes are introduced as part of this enhancement.

Configuration Settings

No additional configuration is required for the token refresh process. To capture rounding information, a valid Control Info type must be created and mapped for the POS system through MMS_HO_PollingSetup.aspx. Once mapped, it can also be added to Financial Groups through MMS_HO_FinancialGroupSetup.aspx to be displayed in Cash Reconciliation and/or Daily Reconciliation.

LiveLink

★ **Enhanced Non-Sales Capture, Deposit Processing, and Cash Sheet Breakdown Reporting (F29385)**

Summary

The NP6 LiveLink integration adds a new NewPOSNonSalesMappings configuration that classifies item codes matching configured regex patterns as non-sales transactions, processed separately from normal sales and stored in TransactionNonSale, with optional Control Information Mapping for

downstream reporting. Existing gift card processing continues to be treated as non-sales using current logic.

Following a customer's POS changes, BCRS and similar transactions are now transmitted as standalone <Deposit> nodes rather than recipe-based coupon transactions, so LiveLink automatically processes all Deposit nodes as non-sales transactions — creating individual TransactionNonSale records, supporting deposit-related tax processing, and including them in non-sales reporting and reconciliation — without requiring regex matching. A new configurable PLU code format generates unique non-sales PLU codes for deposit transactions to prevent conflicts with existing item codes.

A new Cash Sheet Report Version 3, based on the existing Version 2, renames the “(-) GC Sold” summary line to “(-) Non Sales” (now including Gift Card sales, BCRS transactions, deposit-derived non-sales items, and all other LiveLink-processed non-sales transactions) and adds a Non-Sales Breakdown section listing non-sales item name, quantity, and amount, sourced from TransactionNonSale and reconciling directly with the Non Sales summary value.

Reason for the Change

A customer introduced BCRS transactions to track non-revenue amounts separately from product sales, but existing reporting aggregated non-sales activity in a way that prevented clear visibility and reconciliation. Changes to POS transaction structures also meant the existing regex-based identification could no longer reliably identify these transactions. This enhancement ensures accurate non-sales financial treatment, transparency, and reconciliation despite the POS structure change.

Security Permissions

No new security roles or application permissions are introduced as part of this enhancement.

Configuration Settings

Setting	Description	Default
NewPOSNonSalesMappings	Regular expression used to identify non-sales items based on item code patterns	Empty
NewPOSDepositPluCodeIDFormat	Defines how deposit-derived PLU codes are generated for TransactionNonSale records	999999{id}

Configuration	Description
Cash Sheet Version 3	New report version supporting Non-Sales reporting and detailed breakdowns
Localized Non-Sales Labels	Supports localization of the “(-) Non Sales” label based on report language configuration

Server Manager

★ HR Web Bridge Multi-Store Employee Status Updates (US220412)

Summary

Employee Status can now be tracked per store for employees assigned to multiple locations. When a termination or job/role change occurs, the update is transmitted to the HR Web Bridge specifically for the store where the change occurred. Note that Job Assignments in MacromatiX are not store-specific – changing an employee's job/role assignment affects all stores to which the employee belongs.

Reason for the Change

Previously, employee status (active vs. terminated) was tracked only at the employee level, with no per-store tracking. For multi-store employees, dates reported to the HR Web Bridge for such changes were not reliable in the context of the specific store where the change occurred. Now, status, store assignment, and job/role changes are properly transmitted to the HR Web Bridge for the correct store, whether or not the employee is multi-store.

Security Permissions

No new user security permissions or role changes are introduced as part of this enhancement.

Configuration Settings

No new configurations were introduced as part of this enhancement. Existing configuration requirements for HR Web Bridge exports (XSLT Export Setup) apply and are unchanged.

2026.3 Release Bug Fixes

Defect ID	Description
D108050	MSS has imported freight amount and shipping comment but missing in order detail page
D116642	Duplicate deposit amount which caused negative amount in available deposit
D116643	[XSLT Exports] The options of Date Range Type will be displayed again in a round as long as reload the lists
D117346	Currency format is not applied correctly when switch between stores, only after refresh page, it will be correct
D118376	2025.4 - MXConnect User Setup Page - View only permissions

D118903	The “Available for Deposit” of the default selected foreign currency is incorrect when first time to enter the page without other operations
D119191	Edit symbol on weekly forecast view issue
D119245	Mobile on order qty logic is different for different order. Some of them are using purchase unit and some of them are using base unit
D119381	Banking Deposits issues
D119521	The amount for specific tender type is not displayed in tooltip when AllowForeignCurrencyBankDeposits is disabled
D119624	Mobile forecast weekly sales item operation failed when click ‘finish’ button (duplicate records in Forecasting.InventoryItemMetricDetail table)
D119730	Risk of infinite loop when reading temperature from Bluetooth device
D119885	‘Recall’ type credit memo issue
D119907	[QU] Get Payment Type and Credit Card Type as Payment
D119939	MX System Issue – Performance Degradation
D119988	Vendor query review – optimization
D120244	Production Adjustment – AM & PM Printable Reports Show Projected Numbers in Need Column
D120436	TKB Report has empty page
D120478	system would delete the item pair record after master data file imported
D120481	[Remove unrelated security header in Push RT inventory data task
D120536	SSO logout issues
D120900	Food Processing Dashboard – Generate Report raises Exception
D120908	Enhance Survey order performance
D120932	[QU] Paid Out is processed as negative
D120934	[QU] Discount Mapping issue
D121026	2026.2 – Impact of “Auto Submit Scheduled VMI Order” on the regular orders
D121076	2026.2 – Order is in Transmitted status on Orders tab, but not on Scheduled tab
D121148	Release Build Timeout
D121198	Improve sp_GetAppLock & xp_userlock

D121206	Staged ordering issues
D121252	Paper Category is appearing on Inventory - Activity - VARPW when generating on mobile version
D121253	Time different issue between two stores with different time zone at Mobile EMPC
D121320	label printing 'cancelled' status
D121835	transaction viewer can't display normally
D122007	mobile can not create banking deposit record when enable manager without credential
D122051	Change store exception
D122053	'recall' type credit memo didn't record signature and return reason
D122294	CDC of inventory metric detail is wired
D122639	sorting logic for mobile payment reconciliation page and report is inconsistent (mobile)
D122697	When the deposit on the second tab exceeds the available deposit, the authorization can be successfully completed
D114454	MX Connect Area Coach Unable to Edit Store User
D115131	Cash registers out of balance when checks moved to different register
D115672	Defect fix
D116395	Canonical Location ID Missing in Locations Export to Data Lake
D116759	Salaried Check Box Issue
D117022	Daily Reconciliation Report (SSRS) Includes Transactions from Wrong Business Day
D117340	ReportID_1247 - Half hourly sales report does not follow business day logic
D117342	ReportID_58 - Hourly sales report does not follow business day logic
D117473	Real Time Sales Summary Export - Understated Sales
D117733	Change of Email Template for Email Orders
D118084	Schedule Order Auto Create has no forecast values
D118451	Projected Forecast in Mx Shop Summary Dash is inflated this week (9th March)
D118676	MMS - Ordering - Multiple orders been created of original draft
D119264	Defect fix

D119813	System does not recognize ',' as a decimal in data entry fields
D121867	Received transfers zeroing out quantities