

mRounds 2603 Release Notes

Minimum Requirements

Compatible OS Platform and Version(s)	64-bit Windows and Macintosh
Compatible Form Factors	Desktop iOS - Tablets and Phones Android - Tablets and Phones
Compatible Device(s)	iOS Current Version - 1 Any iOS device that supports this version Android Current Version - 1 Any android device that supports this version
Compatible Browser(s)	Chrome (Best view), Firefox, and Microsoft Edge
Device Storage and Memory Requirements	Windows 8GB RAM and a 64-bit operating system with an x64-based processor are preferred Macintosh 8GB RAM & 64-bit operating system Mobile Android: 4GB and above iOS: 4GB RAM and above

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What's New in the mRounds Application 2603

With Release 2603, mRounds enhances integrations with Maximo, supports multi-level shift assignment, and improves mobile execution with better feedback capture and route visualization. The release also strengthens data synchronization, reporting performance, and platform reliability, and introduces conditional email alerts from task responses.

Round Authoring & Scheduling

These enhancements give teams greater control over how shifts are structured and assigned across the plant hierarchy – reducing round filtering errors and SHR misalignment.

Multi-Level Shift Assignment (Web, Android, iOS)

Configure and assign shifts at Plant, Unit, and Position levels to better align operations with real-world workflows. Enable flexible shift structures across hierarchy levels while ensuring accurate mapping of transactions and seamless data flow across reporting and scheduling modules.

Key Highlights

- Configure flexible shifts across Plant, Unit, and Position with inheritance and overrides.
- Automatically map transactions to shifts with hierarchical roll-up (Position → Unit → Plant).
- Dynamic shift filtering and impact alerts across Scheduler, Dashboards, and OCC.

What Changes for Users if Feature is Enabled:

- Shifts are no longer only at Plant level. They can now be at **Plant, Unit, or Position level**.
- You will see **only the shifts relevant to your selection** (Plant / Unit / Position).
- To see the correct rounds:
 - Select **Plant only** - shows Plant-level rounds
 - Select **Plant + Unit** - shows Unit-level rounds
 - Select **Plant + Unit + Position** - shows Position-level rounds
- If you change your selection (Plant / Unit / Position), you may need to **reselect the shift**.
- Shift Handover Reports and dashboards will now show data based on your selected level.
- If you do not see expected data:
 - Check your **Plant / Unit / Position selection**.
 - Ensure the correct shift is selected (to access handover reports avoid using "All").
- Existing schedules may need to be **reviewed once after enabling this feature**.

Note: Feature disabled by default, could be enabled on request.

Tickets: [CWP-15979](#), [CWP-15572](#) | [CWP-14197](#) | [CWP-14871](#) | [CWP-14870](#)

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Real-Time Email Alerts for Task Deviations (Web)

Configure conditional logic to trigger email notifications during Round Authoring. When a task response meets a defined condition, the system automatically notifies configured recipients, enabling awareness-based decisions for critical but non-escalatable deviations.

Key Highlights

- Add a "Trigger Email" action within Conditional Logic to send instant notifications when task responses breach defined values.
- Configure recipients via individual users, user groups, or free-text email IDs.
- Receive emails with contextual details like asset, recorded value, and anomalous condition included in the email.

Tickets: [CWP-15950](#)

Integrations & Configuration

These enhancements extend mRounds connectivity with IBM Maximo and external systems, enabling seamless data exchange, bi-directional synchronization, secure authentication, and improved monitoring. Teams benefit from reduced manual effort, better data consistency, and reliable integration performance across systems.

Maximo Integration – Locations and Assets (Web)

Seamlessly integrate mRounds with Maximo to automatically sync locations and assets, eliminating manual data uploads and ensuring master data stays accurate and up to date. Enable reliable data flow with scheduled syncs, hierarchy preservation, and controlled data mapping between systems.

Key Highlights

- Automatically sync locations and assets from Maximo with full and incremental updates.
- Maintain accurate hierarchy, issue status changes, and data consistency without manual intervention.
- Configure secure connections, mappings, and scheduled syncs with monitoring and error handling.

Tickets: [CWP-15021](#)

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Maximo Integration – Service Requests, & Bidirectional Sync (Web)

Integrate mRounds with Maximo to seamlessly create and link Service Requests (SR) from issues, enabling a connected workflow from inspection to maintenance execution. Ensure real-time visibility with synchronized status updates, attachments, and traceability across systems

Key Highlights

- Create Service Requests in Maximo directly from mRounds issues with attachments and mapped data.
- Enable bi-directional sync to keep SR status and details updated in mRounds.
- Support linking issues to existing SR with offline capability and automatic retry mechanisms

Tickets: [CWP-14792](#)

Evidence Backed reports and ingestion alerts - ODBC Integration (Web)

Enable seamless export of attachment metadata from mRounds to SQL Server via ODBC, allowing reporting and analytics tools to access attachment references alongside rounds, issues, and actions without storing actual files. Improve audit readiness and data accessibility with structured, reliable integration.

Key Highlights

- Export attachment metadata (S3 links) to SQL Server for reporting and compliance use cases.
- Ensure reliable, duplicate-free data sync with support for updates and retries.
- Maintain clear linkage between attachments and parent entities (Rounds, Issues, Actions).

Tickets: [CWP-8258](#)

Integration Failure Alerting & Monitoring (Web)

Enhance reliability of data integrations by introducing alerting mechanisms for ODBC-based data ingestion failures. Enable proactive detection of outages and blocking issues, ensuring timely resolution and uninterrupted data flow to external systems.

Key Highlights

- Real-time alerts for data ingestion failures and integration outages.
 - Improve system reliability with proactive monitoring of ODBC data flows.
 - Enable faster troubleshooting with visibility into failed integration scenarios.
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Tickets: [CWP-15378](#)

Mobile Execution

These enhancements improve field productivity by enhancing data capture, navigation, and sync efficiency for operators and technicians on Android and iOS. Teams benefit from richer feedback capabilities, map-based route visualization, and faster, more relevant data synchronization.

Feedback Attachments for Work Instructions (Android)

Enable technicians to provide more detailed and actionable feedback by attaching images, videos, and documents directly to work instruction steps. Enhance clarity of issues and reduce back-and-forth communication by capturing visual context along with feedback.

Key Highlights

- Attach images, videos, and documents to feedback for better issue understanding.
- Support multiple attachments with preview, validation, and removal options.
- Ensure secure storage and seamless retrieval of attachments with feedback records

Tickets: [CWP-15202](#)

Log History Sync Aligned to User Preferences (iOS)

Improve sync performance and data relevance by aligning log history retrieval with user-defined filters. Ensure that only relevant Issues and Actions (based on due-date preferences) are synced along with their log history, reducing data load and enhancing application efficiency

Key Highlights

- Fetch log history only for filtered Issues and Actions based on user preferences.
- Support dynamic updates when filters change, including adding or removing history.
- Enable faster, incremental sync by retrieving only new or updated log data.

Tickets: [CWP-14628](#)

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Platform, Data & Performance Enhancements

These updates enhance platform reliability, data accuracy, and system performance across integrations, reporting, and background processing. Improvements include better data modeling for external integrations, optimized messaging and processing flows, and faster dashboard and reporting performance.

Adding TaskId in Attachment Table (Android)

Task-level attachments in rounds were not correctly associated in IP21 exports because TaskId was absent from the Attachment table. TaskId is now included, enabling correct task-level attachment association.

Key Highlights

- TaskId added to the Attachment table – correct association of task-level attachments in IP21 exports.
- Resolves attachment-to-task linkage gaps in downstream IP21 data consumers.

Tickets: [CWP-15584](#)

Platform – RabbitMQ Queue Optimization (Web)

The internal message queue was causing event emission failures under high load, affecting data consistency across connected services. Message queue handling has been optimized to reduce failures.

Key Highlights

- Optimized RabbitMQ queue handling – reduces event emission failures under high load.
- Improves data consistency across downstream services during peak usage.

Tickets - [CWP-15377](#)

Exception Dashboard Drill-Down Performance (Web)

Loading drill-down views in the Exception Dashboard was slow under high data volumes, causing delays for tenants with large round histories. Drill-down query performance has been improved.

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Key Highlights

- Exception Dashboard drill-down queries optimized – significantly reduced load times for large datasets.
- Reduces timeout errors for tenants operating at high data volumes.

Tickets - [CWP-15299](#)

Report Column Filter Load – Latency Reduction

Loading drill-down views in the Exception Dashboard was slow under high data volumes, causing delays for tenants with large round histories. Drill-down query performance has been improved.

Key Highlights

- Report column filter values cached in MongoDB – significantly reduces panel load latency on large datasets.
- Improves Reports module responsiveness for tenants with high data volumes.

Tickets - [CWP-15915](#)

What's Fixed

Reference No.	Description
SA-5963	Web - SHR no longer displays internal server errors when scrolling through Plant Shift Handover Reports, ensuring smooth navigation and uninterrupted access to shift data.
SA-5132	Web - Data warehouse file uploads now complete reliably without intermittent failures, ensuring consistent and uninterrupted data ingestion.
SA-4843	Web - Location selection in Issues now correctly displays counts for newly created plants after SAP master data sync, ensuring users can view and select locations without encountering zero-count errors.
SA-7030	Android - Round Execution PDFs now correctly display Units of Measure (UOMs) alongside numeric readings, ensuring values captured from templates are clearly labeled and no longer missing in exported reports
SA-6439	Web - Issues and actions created during round execution now correctly appear in the Operations Control Center, ensuring they

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	are visible under the Issues and Actions tabs right after creation.
SA-6027	Android - The Location field in Action creation is now clearly marked as mandatory, ensuring users can easily identify required input and avoid validation errors during submission.
SA-7188	Web - DWI modules no longer display navigation or permission errors, ensuring seamless access to dashboards and module operations for authorized users.
SA-7176	Web - User Status and Breakdown fields are now correctly included in the backend payload, and SAP notification numbers are properly displayed in the UI after issue creation
SA-7111	Web - WO cards now display correctly on the SPCC Kanban board after the build upgrade, ensuring uninterrupted visibility of work order information in QA environments
SA-7104	Web - Scheduled reports now trigger at the configured time, and users are properly displayed in the recipient search while scheduling reports.
SA-7051	Web - Reports and dashboards now display available data correctly, ensuring records are properly populated across report views.
SA-7031	Web - Approval workflows now correctly retain selected round plans during submission, preventing workflow execution failures.
SA-6443	Web - Duplicate user names no longer appear during issue assignment, ensuring accurate user search and selection.
SA-6379	Web - SHR now correctly displays future day-shift rounds without incorrect "Prior" or "Pre-buffer" labels.
SA-7157	Web - Location searches now correctly honor the Unit filter along with additional search parameters, ensuring only matching unit locations are displayed in results.
SA-7135	Web - SHRs are now generated correctly for all configured units in Tabreed-QA, and units are properly displayed in Shift Handover data permissions.
SA-7175	Web - Asset search by description now returns accurate and relevant results, improving search consistency within the Assets module.
SA-7056	Web - Issue edit screens in the Observations module now load faster, providing a smoother and more responsive editing experience
SA-7044	Web - Forms now submit successfully even when Instructions fields are optional, preventing unnecessary validation errors during

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	submission.
SA-5627	Web - Performance of the Exception Dashboard has been improved, allowing task details and widgets to load faster without prolonged loading screens.
SA-7182	Web - Scheduled Report options now appear immediately after copying a report, ensuring seamless report scheduling without delay.

Known Issues & Limitations

NA

App Builds

- **iOS:** [#423](#)
- **Android:** [#98](#)

Document Revision History

Document Version	Date Created	Change History
1.0	16 May 2026	2603

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