

MOBIQ v2.3.0 — Release Notes (Detailed)

Release date: 2026-01-05

Installer: MOBIQ-Setup-2.3.0.exe

Summary

- ? Focused on stability, device accuracy, and long-running module control.
- ? Improved RF log handling and operator/SIM detection reliability.
- ? UI/UX refinements for device selection, time display, and navigation.

What's New / Improvements

Module Execution & Control

- ? **Stop/Cancellation support for active modules**

Long-running modules can now be cancelled reliably using server status IDs.

This fixes cases where STOP showed “missing status id” and did nothing.

- ? **Status endpoint responsiveness during legacy runs**

Legacy module executions are moved to a background thread so `'/api/modules/status` remains responsive while modules are running.

- ? **Progress estimation for long modules**

Progress bars now show a percentage based on historical average duration and current elapsed time.

RF Logging & Log Pull

- ? **RF log pull now targets CP/RF folders first**

Pull RF logs now prioritizes `/sdcard/log/cp` and RF/CP-specific folders instead of the generic dumpstate folder.

- ? **Improved pull reporting**

The response now includes the exact pulled paths and partial success is treated as success when at least one folder is copied.

Device Info Accuracy

- ? **SIM/operator refresh**

Device info refresh runs on every scan. SIM swap is now detected and reflected correctly (carrier name, MCC/MNC).

- ? **No-SIM / airplane mode handling**

Operator and network technology are suppressed when SIM is absent or airplane mode is enabled.

- ? **Live operator checks protected**

Live operator queries are skipped when SIM is absent or airplane mode is on to avoid stale values.

Device List Ordering

? **Stable device ordering**

Devices are now ordered by most recent `last_seen` (and then by ID) so lists remain stable and deterministic.

UI / UX

? **Dashboard version label aligned**

Dashboard now shows the same build version logic as the other pages (env/health).

? **Local time with timezone**

Times in device details show local time and timezone (rather than implicit UTC).

? **Clear selection**

Added a "Clear" action to deselect all devices and prevent auto-reselect.

? **Workflow templates button removed**

Templates button/menu removed from Workflows as requested.

? **Unified sidebar branding**

New brand block styling applied consistently across all menus.

WebSocket Stability

? **Devices WS connection stabilized**

A single shared WS connection is now used across pages (ref-counted).

A heartbeat ping keeps the connection alive to avoid random disconnects.

Bugs Fixed (Detailed)

1) “*Unable to cancel: missing status id*” when pressing STOP

Root cause: The UI didn't persist module `status_id` for active runs; cancellation lacked the required ID.

Fix: Track and persist status IDs on execute response and reuse on cancel. Also clear stale IDs on restart.

Impact: STOP works reliably during active runs.

2) `/api/modules/status` 404 while module running

Root cause: Route order conflict and legacy module execution blocking the server loop.

Fix: Reordered routes and moved legacy execution to background thread.

Impact: Status polling now stays responsive during long runs.

3) SIM/operator stays on old carrier after SIM swap

Root cause: Cached device info + incomplete refresh logic.

Fix: Force refresh on scan; clear SIM info when SIM absent; re-parse operator on each scan.

Impact: Operator updates when SIM changes (MTN → Orange, etc.).

4) 5G shown when not available / airplane mode / no SIM

Root cause: Network tech detection ran even when SIM absent or airplane mode enabled.

Fix: Gate network tech detection and live operator when SIM absent or airplane mode ON.

Impact: No more fake “5G” in invalid contexts.

5) RF log pull shows “not working” but dumpsys logs are copied

Root cause: RF pull reused generic `/sdcard/log` path.

Fix: Search and pull `cp`/RF folders first; report exact pulled paths; treat partial success correctly.

Impact: RF logs pulled from correct CP path.

6) Electron main process EPIPE crash

Root cause: stdout/stderr pipe closed under certain conditions.

Fix: Guard logging and ignore EPIPE on console writes.

Impact: No more “JavaScript error in main process (EPIPE)”.

7) Device list “priority” issues with telco phones

Root cause: Ordering based on implicit DB/default order.

Fix: Sort by last seen, then ID.

Impact: UI order matches real activity; execution order follows selection order.

8) UI selection stuck

Root cause: No explicit “clear selection” action; auto-select could immediately re-select.

Fix: Added Clear action and disabled auto-select after clear.

Impact: Users can deselect all devices.

Known Limitations / In Progress

- ? Device-specific UI automation (Chrome launch, APN navigation) can still vary by OEM/Android version.
- ? Some modules remain best-effort for non-telco phones depending on permissions/UI.

Files / Components Touched

- ? Backend: `mon-projet/src/backend` (adb_manager, modules, websocket router)
- ? Frontend: `mon-projet/src/frontend` (Dashboard, TestModules, FlowComposer, DeviceManager, websocket service)
- ? Electron: `mon-projet/src/electron/main.ts`

Installation

1. Download `MOBIQ-Setup-2.3.0.exe`
2. Run as Administrator
3. Launch MOBIQ from the desktop shortcut

Support

If you need a QA checklist or verification steps for each fix, tell me which areas you want expanded.