

# 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.

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## **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; reparse 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; autoselect could immediately reselect.

**\*\*Fix:\*\*** Added Clear action and disabled autoselect after clear.

**\*\*Impact:\*\*** Users can deselect all devices.

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## **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.

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## 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`

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## Installation

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

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## Support

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