



Trust, end-to-end!



IQ Locator

Dijital Numune Takip Sistemi

End-to-end,
evidence-based
pre-analytical
traceability.

With **RFID-enabled hardware**, a mobile courier app, and a **central software platform, IQ Locator** digitizes the pre-analytical phase from end to end. Every action is captured, risks become visible in real time, and quality requirements are consistently applied in the field.

► Why IQ Locator?

The pre-analytical phase has the greatest impact on result quality—yet it is often driven by manual steps, individual habits, and hidden variability. Incorrect tube selection, insufficient sample volume, delayed transport, or temperature excursions can escalate into serious issues before anyone notices.

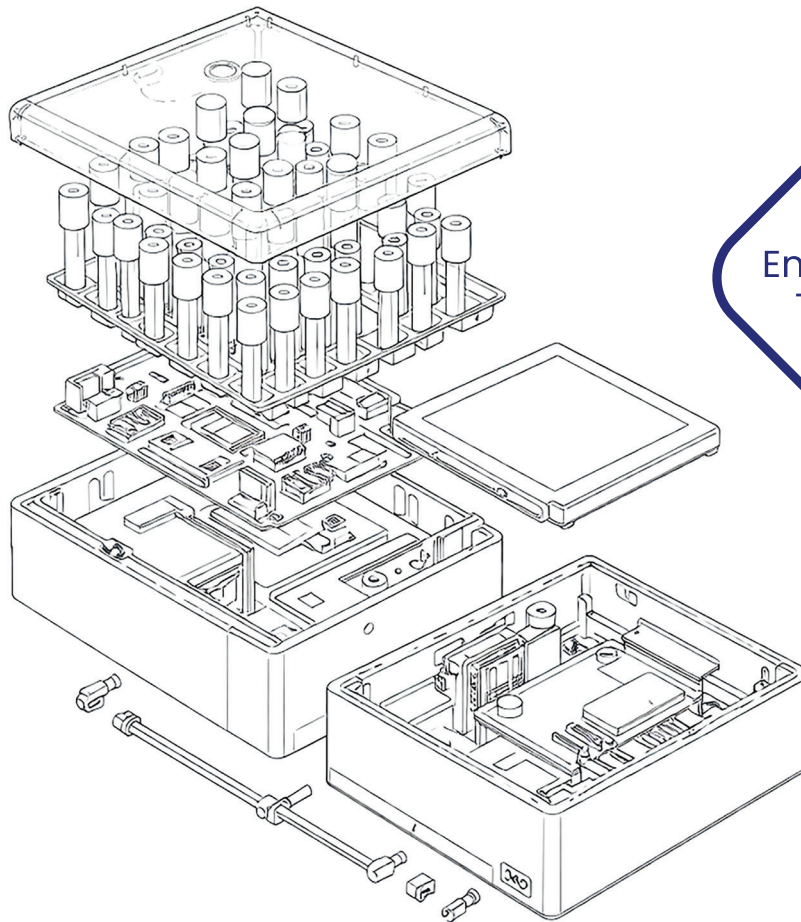
IQ Locator removes this uncertainty. The system tracks each step of the sample journey and records it automatically—so teams can intervene early and prevent errors. The workflow is driven by **standards and data**, not by individuals.

Real-Time
Traceability





IQ Locator provides the pre-analytical traceability infrastructure required to support alignment with **ISO 15189 and **ISO 20658**.**



End-to-End Tracking

► **End-to-End Digital Solution**

In modern laboratories, success is not only about accurate analysis—it's also about managing everything that happens **before** analysis with the same level of control.

IQ Locator brings the entire journey—from **sample collection** to **central lab check-in and registration**—under one digital umbrella.

RFID-enabled components physically identify samples and automatically match them to

the system. The mobile courier app monitors transport in real time, making critical parameters such as **time** and **temperature** fully transparent.

All data is consolidated in the central platform for reporting and continuous improvement.

Standardized, secure, error-free workflows



➤ Sample Collection at Point of Care

Collection is the most error-prone step—yet it's also where the biggest quality improvement can be achieved.

IQ Locator integrates with the nurse interface at the point of care (POC) and digitally guides each action. With an RFID-labeled rack and slot architecture, the system automatically detects **which tube is placed in which slot**.

Based on test orders, the system ensures correct tube selection and guides the user step by step with **LED cues** and **audible prompts**. The workflow will not advance until critical steps are completed.



Timestamped
Audit Trail



➤ Pre-Analytical Workflow

Patient ID card is verified versus barcode, and test orders appear automatically on the screen.

The system clearly shows which tubes to use and exactly where to place them. Critical steps—such as mixing, waiting, and centrifugation—are monitored by the system. Nurses are guided through both **visual** and **audio** guidance.

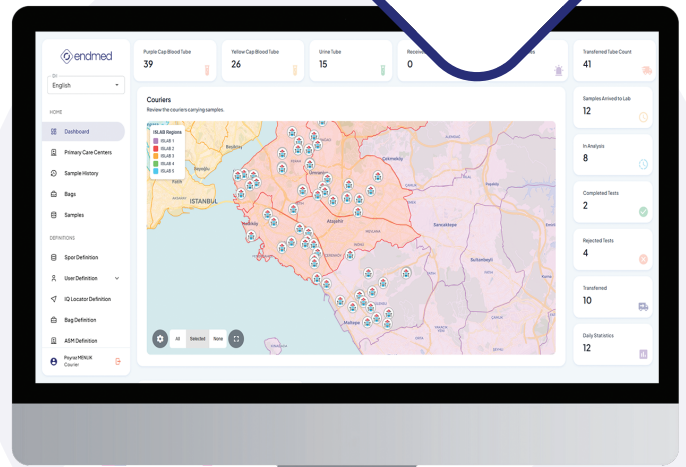
Required steps cannot be skipped. All actions are time-stamped and stored centrally—making the pre-analytical phase measurable, auditable, and consistently repeatable.

Evidence Based Transport

► Courier Workflow

Sample quality depends not only on correct collection, but also on transport under controlled conditions.

The IQ Locator Courier Module makes transport visible and controllable. Pickup and delivery are performed through the mobile application. With RFID support, racks and transport bags are automatically paired—reducing manual handling and preventing mismatches. GPS enables location tracking, while in-bag temperature sensors take periodic readings. All transport data is stored in the system for full traceability and auditability.

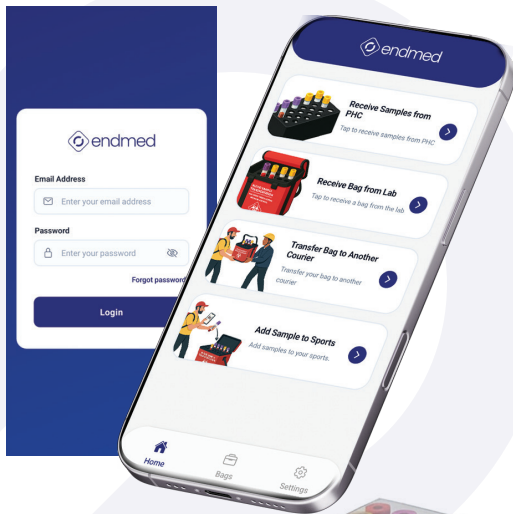


Standardized Process

► Central Lab Check-In & Registration

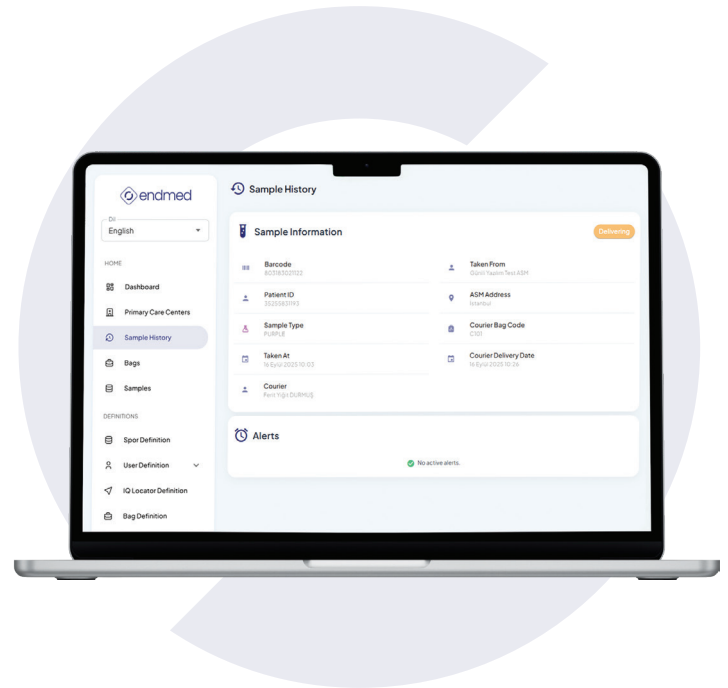
Samples arriving at the central laboratory are checked in quickly and securely with IQ Locator. The system automatically detects rack slots and matches them with previously registered barcode data.

This removes the need for re-scanning, speeds up check-in and registration, and flags missing or incorrect samples immediately—alerting the user in real time.



► Centralized Visibility & Reporting

The IQ Locator Central Management Software provides end-to-end visibility on a single screen. All data from sample collection, transport, and central lab check-in and registration is consolidated in the platform. Role-based access controls ensure secure use across teams and sites. Alerts can be configured for time limits, temperature excursions, and out-of-process events. Advanced reporting enables performance monitoring and process optimization.



End-to-End
Process
Control



► Evidence-Based Traceability

IQ Locator delivers end-to-end traceability for every sample. From collection to laboratory arrival, every step is recorded.

Critical data—such as collection time, centrifugation details, transport duration, handover personnel, and transport temperature—can be traced retrospectively and reported whenever needed.

► Service & Hardware

IQ Locator is not only software—it is a complete solution delivered with hardware, service, and ongoing support.

The system is configured to scale with institutional capacity. With 24/7 technical support, fast response times, and backup device provisioning when required, operational continuity is protected. Safe transport is supported with **UN3373-certified** transport cases.

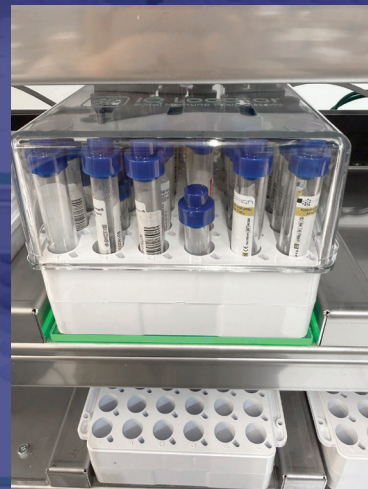
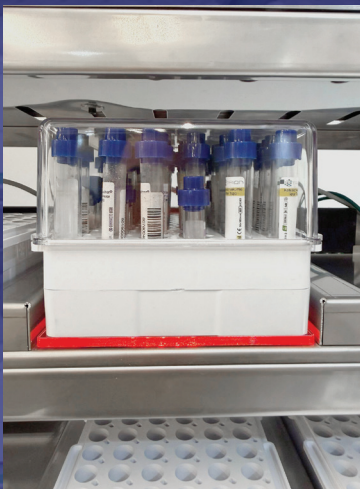


Archend IQ

► Integration with Archend IQ

IQ Locator extends control into post-analytical workflows. Integrated with the Archend IQ smart sample storage system, it digitizes storage and sample management after analysis.

Storage locations are assigned automatically, enabling rapid access when needed. Re-testing and retrieval workflows become faster, more consistent, and error-free.

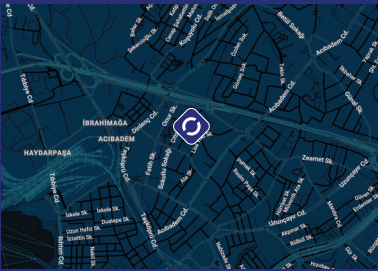


Contact

Digitize your pre-analytical workflows
end to end with IQ Locator.

Reduce risk and make quality
sustainable.

For a demo and a tailored solution
plan for your organization,
contact the ENDMED team.



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