



**MILESTONE**  
H E L P I N G  
P A T I E N T S



**TRACK, MONITOR, MANAGE SPECIMENS  
THROUGHOUT THEIR JOURNEY**



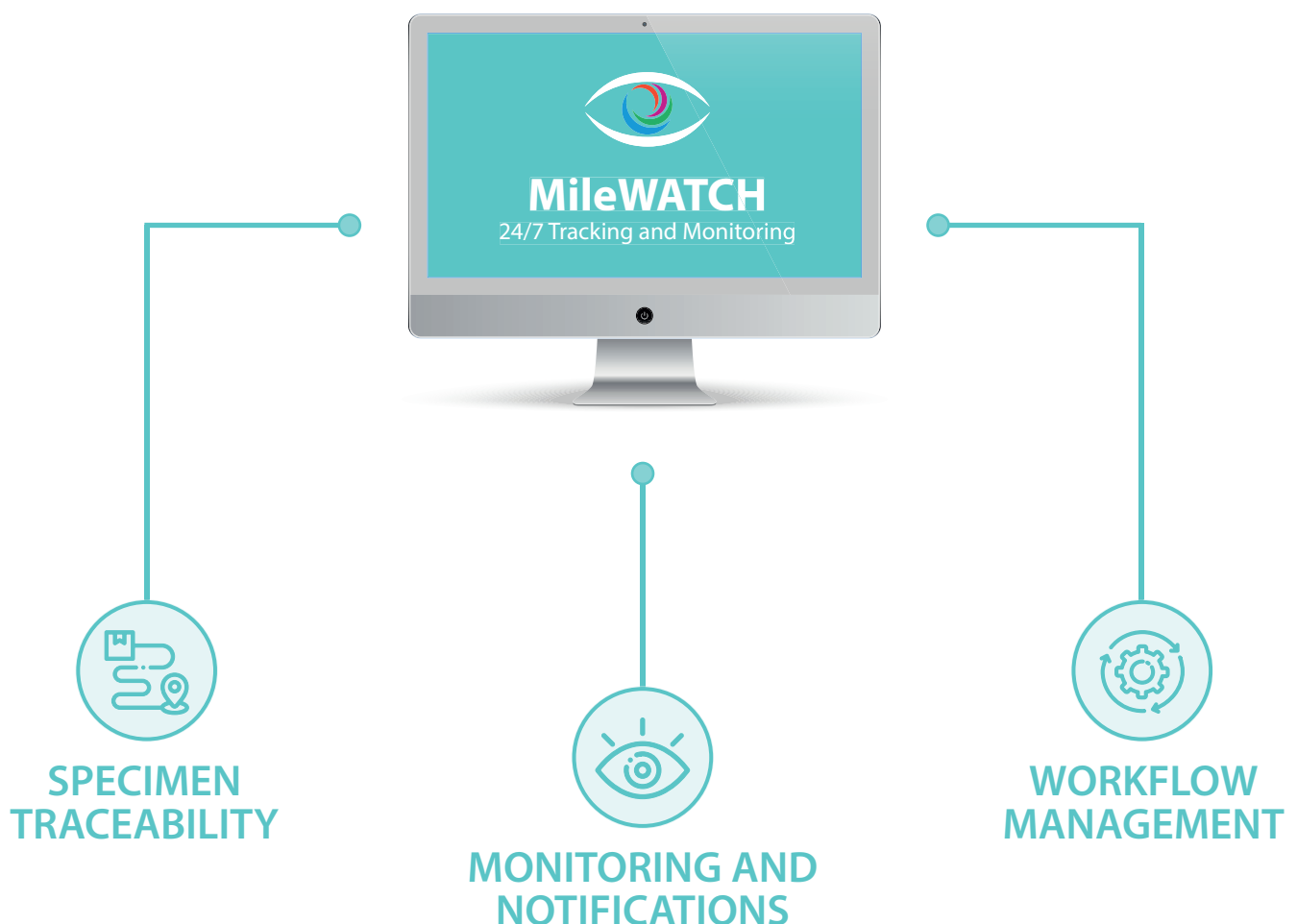
**MileWATCH**  
24/7 Tracking and Monitoring

# SEAMLESS INTEGRATION FOR SUPERIOR SPECIMEN TRACKING

## | THE PERFECT ALLY

Today, reliable traceability of biospecimen data is essential for patient safety, comprehensive case documentation and quality control. However, traceability often does not include the preanalytical steps such as specimen collection, grossing and tissue processing data. Even when some checkpoints are used, they only confirm the progress of the sample at some steps but are not seamlessly integrated with the instrumentation to provide detailed information.

MileWATCH is a unique tracking tool that provides **traceability from the Operating Room (OR) to and through the Anatomical Pathology (AP) laboratory**, establishing a unique chain of custody. Its full integration with the Milestone preanalytical line enables protocol details, sample progress and status to be captured throughout its journey to advanced staining. In addition, MileWATCH is a 24/7 remote monitoring system that allows Milestone units to be **continuously connected, monitored and controlled day and night**, while real-time alerts keep operators informed of any events. MileWATCH can also act as a workflow management system, identifying bottlenecks within the laboratory and helping to optimize the efficiency of tissue processing, resulting in increased productivity.





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**SPECIMEN TRACEABILITY FROM OR TO AP**

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**REMOTE MONITORING**

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**INSTANT NOTIFICATIONS**

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**WORKFLOW OPTIMIZATION**

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**INTEGRATION WITH LIS**

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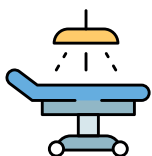
# COMPLETE DOCUMENTATION AT EVERY STEP

## | SPECIMEN'S TRACEABILITY FROM OR TO AP

MileWATCH, seamlessly integrated with Milestone units, empowers operators to **meticulously track biospecimens through every stage of their journey**, starting from their collection in the OR and extending to subsequent steps in the AP laboratory, including accessioning, grossing and processing. This cutting-edge system not only streamlines the process but also ensures the **secure storage of crucial information gathered at each stage**, guaranteeing the comprehensive traceability of specimens and facilitating convenient access at any given moment.

### Specimen Collection

The specimen is collected in buckets or vacuum sealed bags. MileWATCH collects all details (case ID, formalin ratio, specimen weight, bucket/bag ID, temperature and time) and makes them available to the AP laboratories.



OPERATING  
ROOM



### Lab Accessioning Process

MileWATCH collects any additional container's details (barcodes, QR codes, notes and images) to ensure a more complete specimen's documentation.

## | SPECIMEN CASE SEARCH

Specimen Case Search function enables the **possibility to view specimen history across all Milestone units** and to retrace every step of the process and the related protocol, right from the collection. Moreover, it provides valuable information for the case report, for quality control and quality assurance, providing complete and comprehensive specimen documentation.

### Cassette Scanning

MileWATCH collects the cassettes' codes through manual scanning or through automatic trackers that detect any missing codes, duplicates or mismatches.



### Grossing

MileWATCH collects digital documentation (images, videos and voice notes) taken during the grossing step which allows users to create valuable diagnostic reports and a later consultation by pathologists.

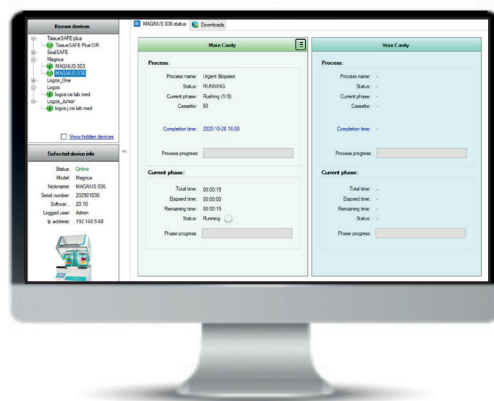


### Tissue Processing

MileWATCH provides easy access to all process details (reagents, user, protocol, unit SN and time) by collecting information directly from the tissue processors.

## | REMOTE MONITORING

From the convenience of their desks, operators **can oversee the daily operations of the laboratory** by remotely viewing the process status of the units. In this way, users can monitor the functioning of each Milestone unit and remotely access all the logs of the connected instruments.



## | INSTANT NOTIFICATIONS OF THE UNIT STATUS

MileWATCH can send emails, voice calls, SMS or WhatsApp messages to the parties involved, providing **all necessary information for a prompt action to assure trouble-free operations**. Notification type and recipients can be customized based on the specific lab's needs. MileWATCH notifications encompass key steps and issues such as process started/completed, operator's action required and alarm messages.



*Operator receiving MileWATCH notifications*

# WORKFLOW AND DATA MANAGEMENT

## | WORKFLOW OPTIMIZATION

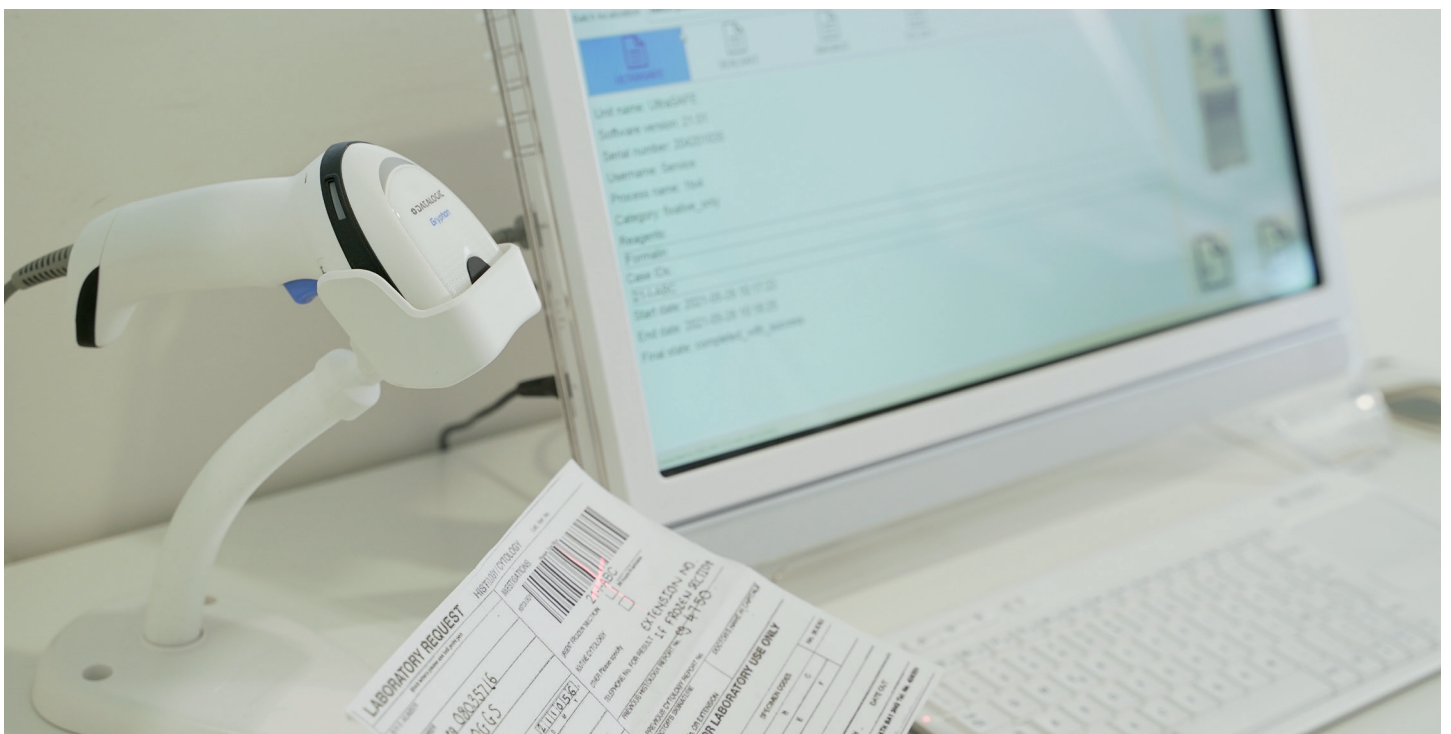
The MileWATCH software allows you to **view and control the samples in real time**. Using the software, the lab manager can see the number of cassettes to be processed, which cassettes are being processed at any given time, as well as the cassettes that have been processed. These comprehensive features enable the identification of potential bottlenecks and improve the planning of upcoming processing runs, maximizing the efficiency of the lab's workflow and reducing turnaround time.



*Lab Manager reviewing the processing workload*

## | INTEGRATION WITH LIS

MileWATCH collects and stores the data and information in the system database and **can be interfaced with the LIS through the local LAN**. MileWATCH requires a single integration with LIS even when multiple Milestone systems are connected. Sorting by the specific case ID, any information can be easily retrieved so that operators can consult all the data related to a specific case.



*Case retrieving*

## | COMPATIBLE UNITS



### Safe Formalin Handling

- » UltraSAFE
- » SealSAFE
- » TissueSAFE Plus



### Macro Digital

- » MacroPATH



### Tissue Processing

- » MAGNUS
- » LOGOS EVO
- » LOGOS One EVO



### Tracking

- » T-Tracker
- » R-Tracker
- » V-Tracker

## MILESTONE HELPING PATIENTS

Milestone is a company headquartered in Northern Italy and was founded in 1988 as a corporation specializing in advanced microwave instrumentation for analytical and organic chemistry labs. As the technology leader in pre-analytical instrumentation, Milestone supports a worldwide installed base

of over 25.000 systems. In 1994, Milestone established a separate Medical Division to expand our expertise in the crucial pre-analytical phase to the world of histopathology. We pioneered the first microwave rapid tissue processor for same-day diagnosis and the first macro-digital system to enhance the grossing step. Today, our rapid tissue processors, macro-digital imaging systems, and pre-analytical instrumentation are used every day in the most renowned clinical and research laboratories around the world. But we never stop. We continue to lead the industry with constant innovation and improvement. Driven by the leading principle we live by, Helping patients.

### MILESTONE



HELPING  
PATIENTS

#### MILESTONE Srl

Via Fatebenefratelli, 1/5 - 24010 Sorisole (BG) - Italy - Tel: +39 035 4128264  
www.milestonemed.com - email: medical@milestonemedsrl.com

#### MILESTONE MEDICAL TECHNOLOGIES, INC.

6475 Technology Avenue, Suite F, Kalamazoo, MI 49009 - USA  
Tel: 269-488-4950 - Toll-free: 866-995-5300 -  
www.milestonemed.com - email: info@milestonemed.com



SCAN ME  
TO DISCOVER MORE