



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



**TRACK, MONITOR, MANAGE
YOUR LAB WORKFLOW**



MileWATCH
24/7 Monitoring and Tracking

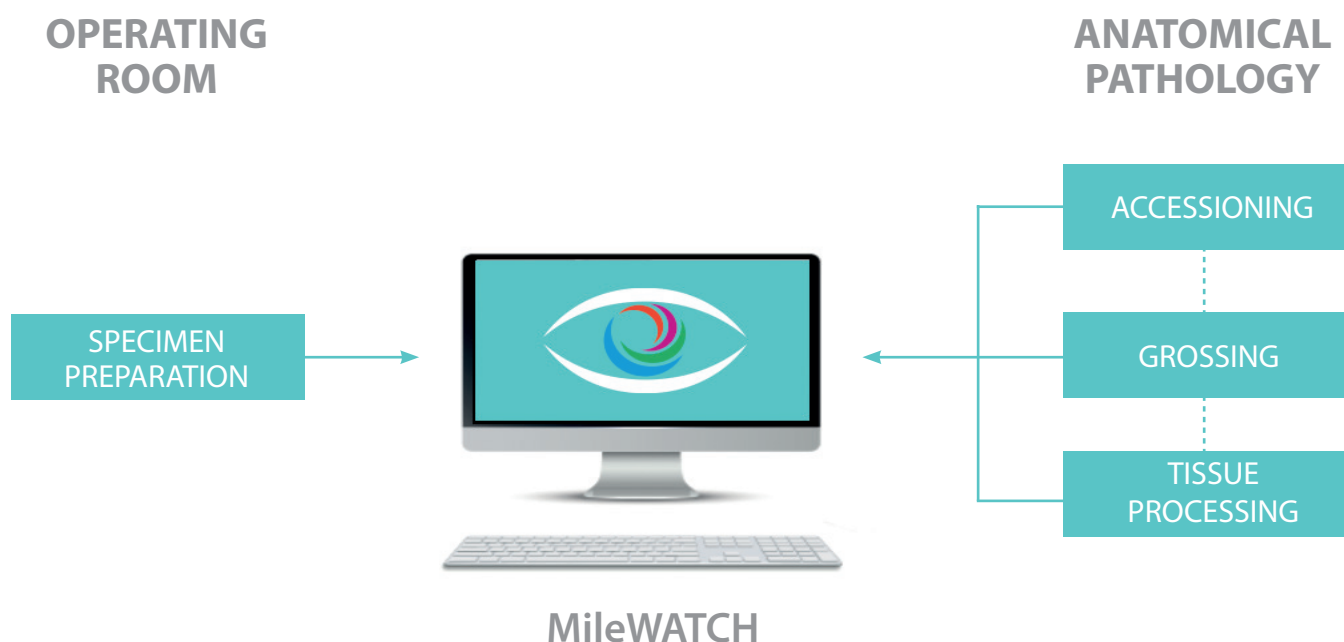
INTERCONNECT MILESTONE UNITS IN YOUR LABS

| ENHANCE TRACEABILITY WITH MILEWATCH

MileWATCH is a 24/7 monitoring system that allows to connect, monitor and control Milestone units continuously through day and night. Status information is collected from units installed in both the Surgical Theatre and Pathology Laboratory. In this way, MileWATCH offers the possibility to create a unique samples' "chain of custody", starting from the collection in the Surgical Theatre and until the tissues arrive to the Pathology Laboratory.

MileWATCH is Milestone's solution to increase biospecimens' traceability and to document the different processes of the laboratory. To ensure that the diagnostic process runs smoothly and problem-free, the software alerts users with real time notifications via email, messages or phone calls, so that operators can promptly intervene in case of a warning. The possibility to remotely control the instruments allows the laboratory personnel to better plan their workflow, prevent errors and downtime.

Nowadays, reliably tracking biospecimens' data is essential for patient safety, for the full Case documentation and the Quality Control. In the Histology Departments, the standard tracking systems do not identify the critical steps, such as data from the tissue processors. Therefore, the Laboratory Manager is not able to track which operator has performed a particular process, nor which specimen has been processed in a specific moment. This is due to the fact that laboratory units do not interact with each other, nor do they communicate with the LIS in real time. Through MileWATCH, tissue processing protocol details and all data information are also collected and they are instantly available for the integration with the local LIS.





TRACEABILITY FROM THE SURGICAL THEATRE

TRACK AND TRACE INTO THE PATHOLOGY LAB

INSTANT NOTIFICATIONS OF UNIT STATUS

REMOTE MONITORING OF MILESTONE UNITS

REAL TIME WORKFLOW VIEW

SPECIMEN CASE SEARCH

COMPLETE DOCUMENTATION FOR ALL YOUR SPECIMENS

| TRACEABILITY FROM THE SURGICAL THEATRE

One of the common limitations of today's tracking systems is that the Laboratory Manager cannot check the specimens' situation in the Operating Rooms in real time. MileWATCH addresses this specific challenge: through the software, the Lab Manager can exactly check and track the specimens, right from the moment they are collected from the patients. The Case ID and all necessary information such as formalin ratio used, temperature and time of the transportation are saved. Tracking specimen information from the OR is essential in order to get standardization and documentation of the processes and manage the workload in the Anatomical Pathology.

SPECIMEN COLLECTION



ACCESSIONING



Operating Room



Operator during accessioning

GROSSING



TISSUE PROCESSING



Cassettes Batch preparation



Rack scanning

TRACK AND TRACE INTO THE PATHOLOGY LAB

MileWATCH allows for full traceability inside the Anatomical Pathology Department. During grossing, cassettes containing specimens are usually created in different clusters on diverse grossing stations (by different operators). Through the dedicated Batch feature, multiple Clusters are grouped in a single batch that will be assigned to a single tissue processor. The batch gets scanned by the operator before starting the processing step, so that all the relevant data are automatically linked to all the Cases of the specific batch.

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 concern key steps and issues such as process started/completed, operator's action required and alarms messages.

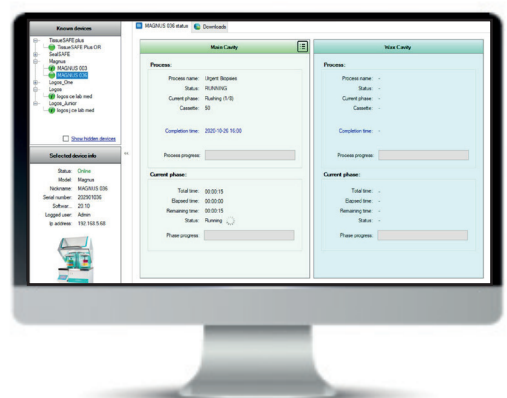


Operator receiving MileWATCH notifications

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 connected Milestone unit.

The MileWATCH software provides precise information in order to plan and schedule upcoming processing runs and to drive workflow. It enables to remotely access all the logs of the connected instruments.



TRACKING MONITORING NOTIFICATIONS

| REAL TIME WORKFLOW VIEW

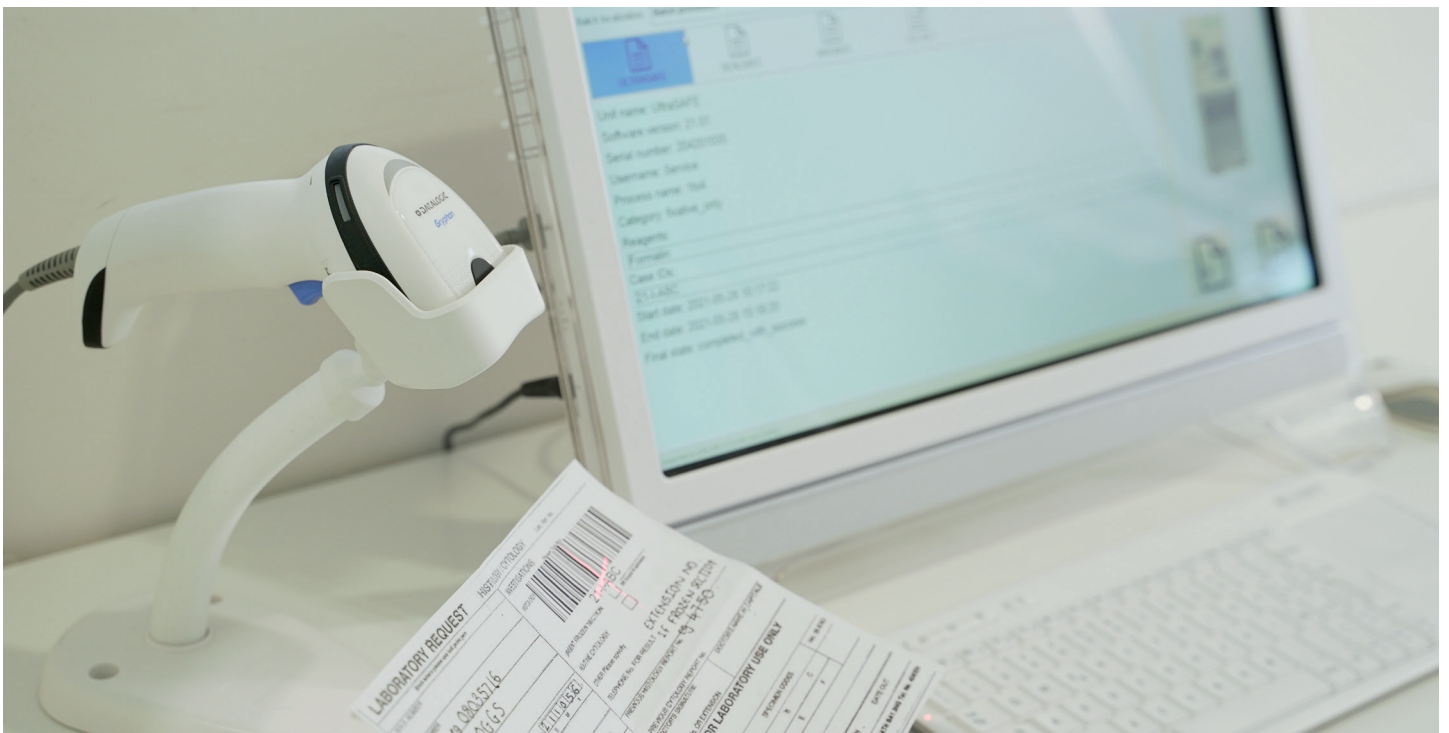
The MileWATCH software allows to view and control the workflow of samples in real time. Through the software, the Lab Manager can see the number of cassettes to be processed, the cassettes which are processed at a given moment, as well as the cassettes already processed. MileWATCH enables to detect bottlenecks and to maximize efficiency of tissue processing, thus improving both productivity and turnaround time in the laboratory.



Lab Manager reviewing the processing workload

| SPECIMEN CASE SEARCH

MileWATCH collects and stores the process documentation in the system database and can be interfaced with the LIS through the local LAN. 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. The Search function enables to view the specimen history and to retrace every step of the process if necessary. Moreover, it provides valuable information for the Case report and for QC/QA documentation.



Case retrieving

COMPATIBLE UNITS

MileWATCH software is available for the following Milestone units:



TissueSAFE plus

Biospecimen Vacuum System



SealSAFE

Automated Fixative Addition Plus Vacuum Sealing of Biospecimens



UltraSAFE

Automated Formalin Dispensing System for Biospecimens



eGROSS

Ergonomic, Mobile Grossing Workcenter with Digital Documentation



MAGNUS

Lean High-Throughput Tissue Processor



LOGOS

The First All-In-One Hybrid Tissue Processor



LOGOS One

Fully Automated Innovative Tissue Processor



LOGOS J

The First "Personal" Hybrid Tissue Processor

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

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TO DISCOVER MORE