

SteelcoData Live & Ares

cycle & complete endoscope reprocessing traceability





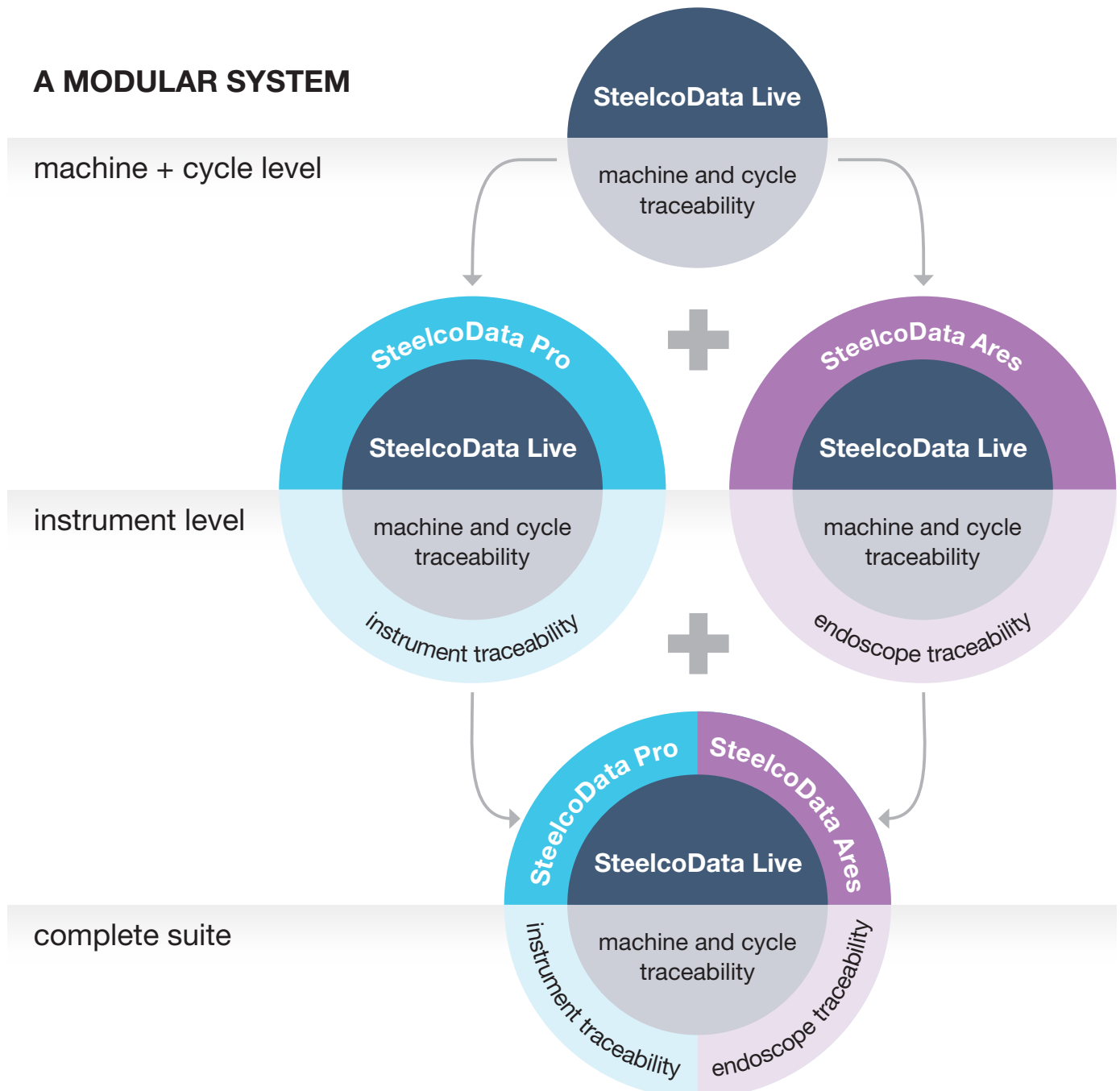
SteelcoData Live & Ares

cycle & complete endoscope reprocessing traceability

Steelco helps you to ensure you have the right instruments in the right place at the right time, reprocessed to the correct standard in the minimum amount of time and the lowest cost on a consistent basis.

Steelco has developed a suite of different tailor-made solutions to ensure you have the information you need on the performance of your endoscopy department equipment, the cycles they are running as well as full traceability of flexible endoscopes.

A MODULAR SYSTEM



THE BENEFITS OF A FULLY INTEGRATED SUITE

- ✓ Can start with a single workstation and configurable to any size of facility.
- ✓ Integrates with other client software programs such as patient scheduling, logistics, accounts, databases as well as remote service monitoring, etc...
- ✓ Be used at multiple locations within the healthcare network.
- ✓ Be able to be accessed by staff anywhere there is an internet connection and a Windows or iOS base computer/ tablet or other intelligent device.
- ✓ Provides customised reports and send alerts as needed.
- ✓ Is intuitive to use with excellent application and technical support available up to 24/7 in a multitude of languages depending on contract.



SteelcoData Live



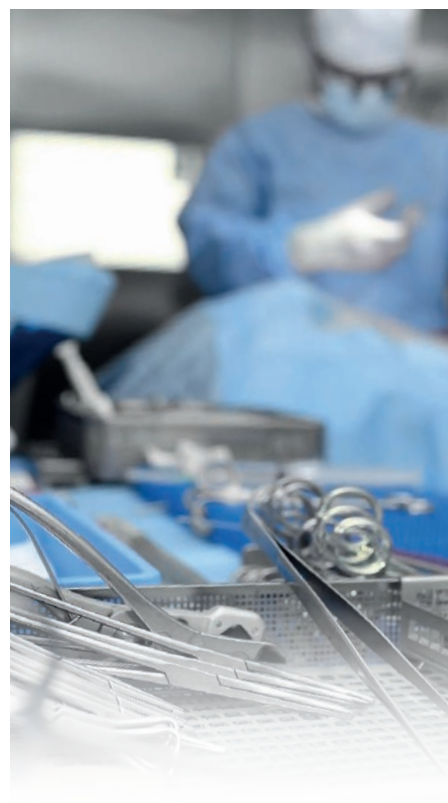
Allows you to see in real time as well as historic records of machine performance, cycles performed, any alarms as well as utility consumption.

SteelcoData Ares



Enables you to track endoscopes and their reprocessing from the patient room through each stage of reprocessing, transportation and storage until they are ready to be used on the next patient.

SteelcoData Pro



Provides you the possibility to track sets as well as individual instruments from their use in the OR through each stage of reprocessing, transportation and storage until they are ready to be used in ORs again.

See dedicated brochure.



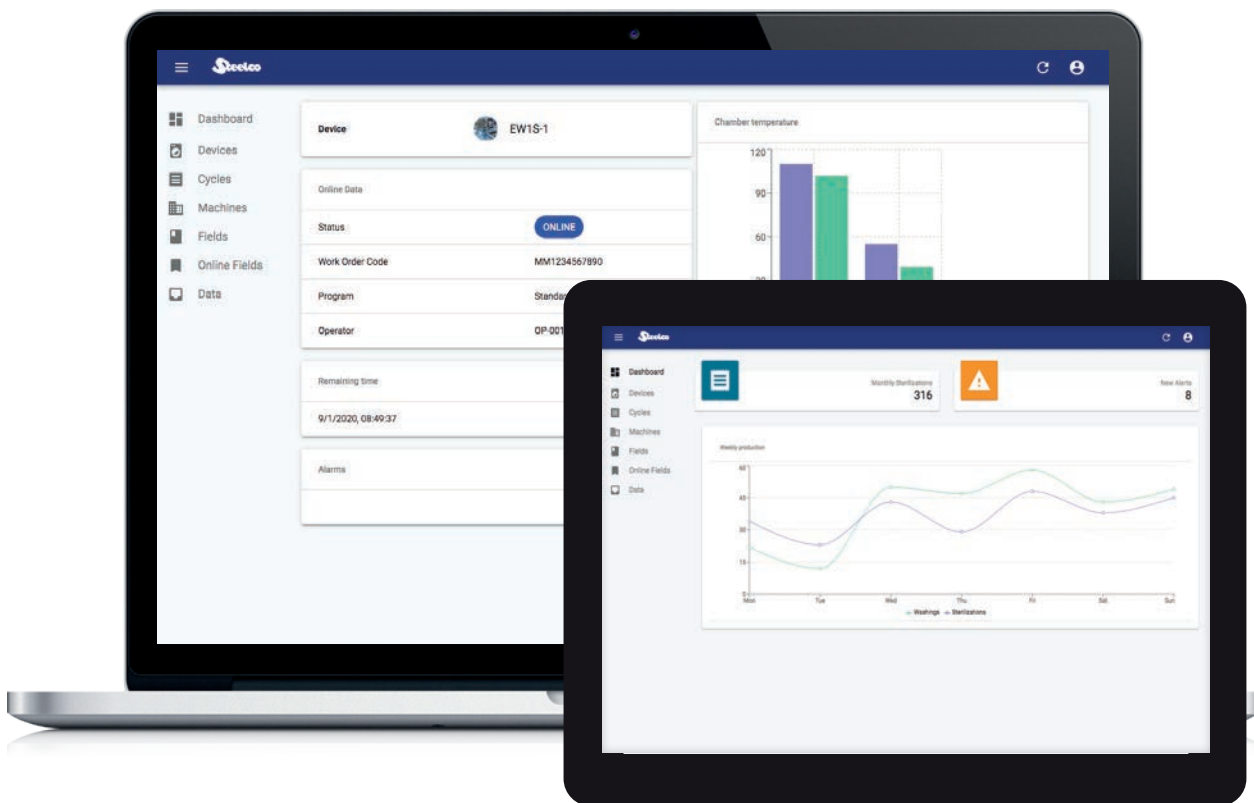
SteelcoData Live

machine and cycle traceability

SteelcoData Live

The software has been designed to accomplish data acquisition from Steelco devices. Information collected in real time are traced and efficiently visualized for device monitoring and data management.

SteelcoData Live is also the connection between Steelco machines and any software processing the data collected such as SteelcoData Pro and SteelcoData Ares.



KEY FEATURES



Steelco Data Live Software collects and records data from Steelco machines.



A user-friendly web interface shows real time machine statuses (video-wall or tablet wi-fi or workstation).



All the electronic stored data can be exported in different formats (.pdf, .xlsx), producing reports which can replace the paper tickets.

MAIN ADVANTAGES



WEB BASED – CLOUD READY

Users can log into the system through a standard web browser.
No client installation is required.



MODULAR

Starting with basic features, SteelcoData Live can be implemented in time with additional modules according to the specific needs of the customer.



ECO FRIENDLY

The collected data from the machine is stored in pdf reports which can replace paper tickets.



SAFETY

The system allows the configuration of access policies.
System administrators can grant, deny and check authorizations to access the system, avoiding unauthorized users to log into the system.



INTEGRATION

SteelcoData Live is designed to be integrated with the different equipments used in the endoscopy department and collection of their information (endoscope reprocessors, drying cabinets, sterilizers) and with other software applications.



MULTI LANGUAGE

Available in English, German, Italian, French, Spanish, Russian and many other languages.



USER FRIENDLY

Guided procedures and simple user interface (touchscreen monitors).

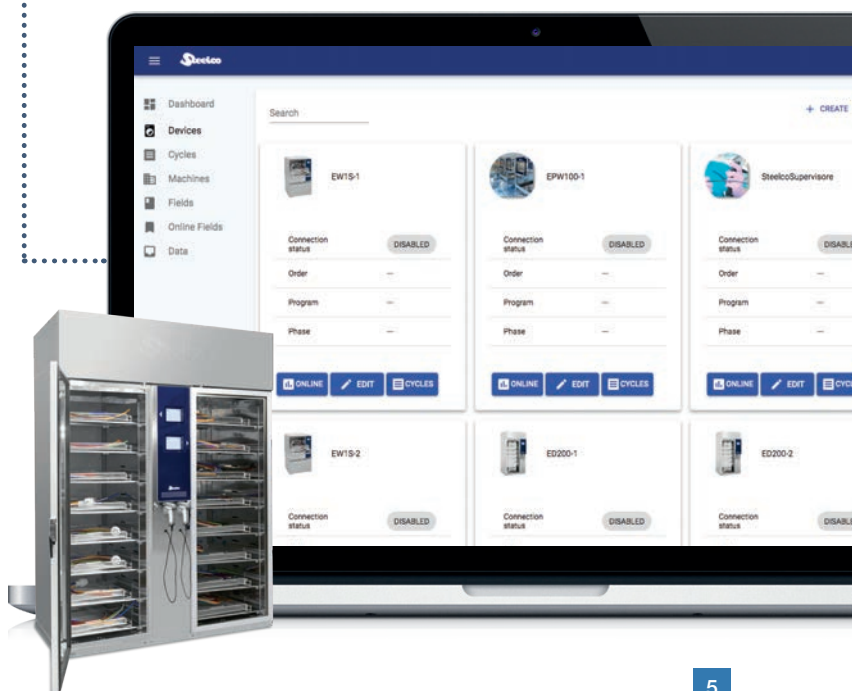
MAIN COMPONENTS

DASHBOARD

The dashboard shows a graph with the number of cycles carried out in the current week.

DEVICES

It's possible to visualise a list of the machines in an endoscopy department, check their current statuses and look back at cycles. At any point the machine ID details can be updated or new machines can be added.





SteelcoData Ares

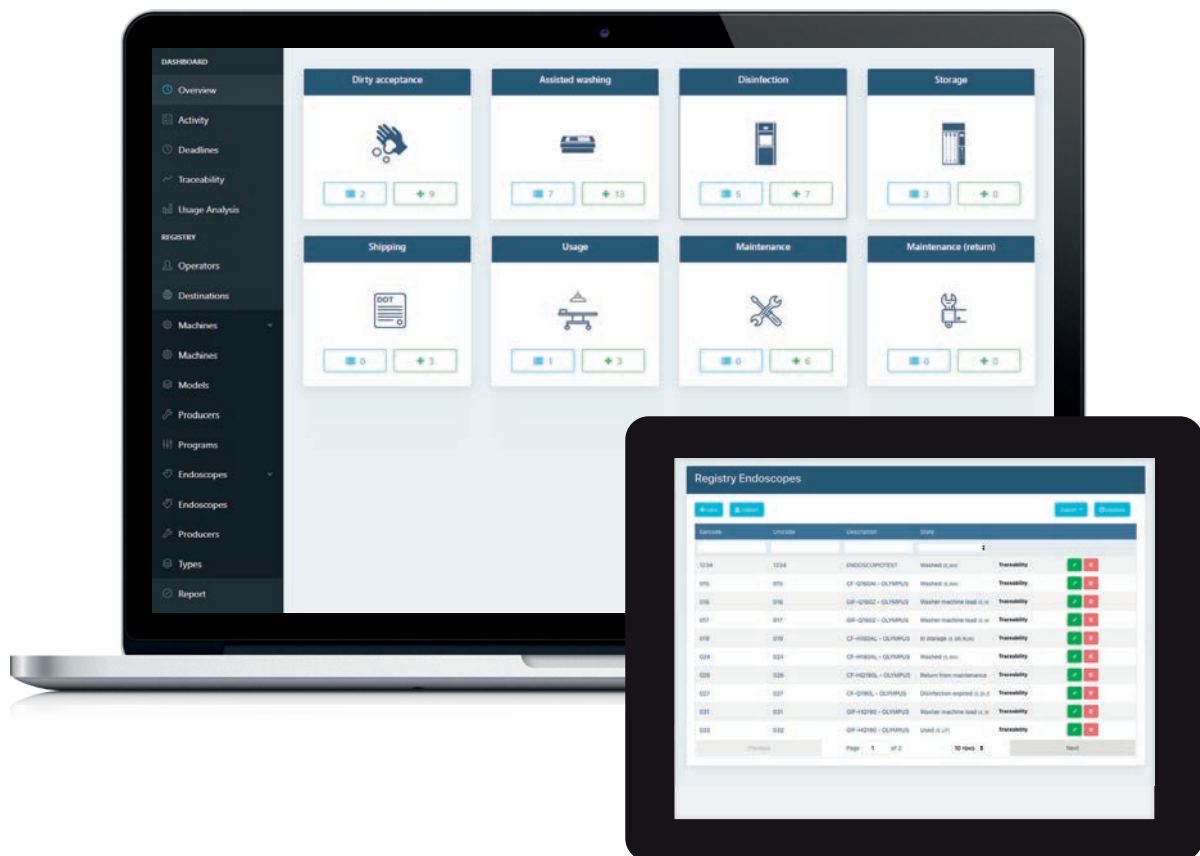
complete endoscope reprocessing traceability

SteelcoData Ares

The software is designed to meet the operational requirements of the endoscopic room, track information in a timely manner and provide information to maintain a high level of production.

INTRODUCTION

SteelcoData Ares is a technologically innovative IT traceability tool that improves the reprocessing performance of endoscopy departments in an integrated way. The system is able to perform an effective control on each activity carried out.



Full traceability of procedures in all areas of the endoscopy department, at the endoscope point of use and external service.

MAIN ADVANTAGES



WEB INTERFACE – CLOUD READY

Users can log into the system using a standard browser from any workstation within the corporate intranet or using the Internet if they are outside of the department.

No client installation is required.



SAFETY

The system allows the configuration of access policies.

System administrators can grant, deny and check authorizations to access the system, avoiding unauthorized users to log into the system.



INTEGRATION

Integration with the different equipment (endoscope washers, drying cabinets...) and collection of their information. Integration with administration area (customer contracts, customer database, delivery notes, invoices) and warehouse systems.



MONITORING ANALYSIS AND REPORTING SYSTEM

Full and detailed reports to analyze key performance indicators and production costs. Electronic record keeping and invoice automation.



MODULAR

Starting with basic features, SteelcoData Ares can be implemented in time with additional modules according to the specific needs of the endoscopy department.



USER FRIENDLY

Guided procedures and simple user interface (touchscreen monitors).



MULTI LANGUAGE

Available in English, German, Italian, French, Spanish, Russian and many other languages.



MULTI...

Multi customers and departments.

Multi platform and multi database.



FAST STARTUP

Short times for start-up and implementation of new workstations



HELPDESK & REMOTE MONITORING

Multilanguage helpdesk.

The system and all the devices are remotely monitored by the Helpdesk technical assistance service.

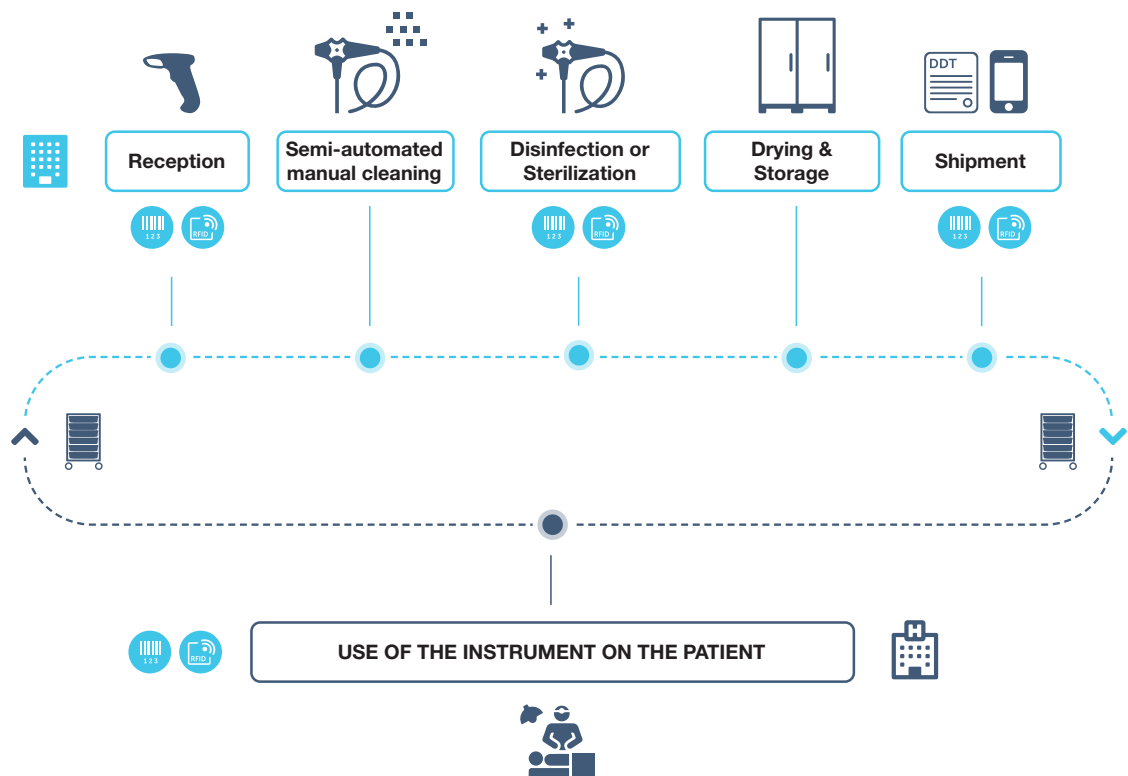


Ares

ENDOSCOPE REPROCESSING TRACEABILITY WORKFLOW

SteelcoData Ares is a complete software application designed to track endoscopes.

The software architecture is based on different control points that each endoscope must pass to be processed in order to move to the next area / functionality.



INFORMATION

SteelcoData Ares can handle input from both barcode or RFID identification systems and display information on any device with a web browser.

WORKFLOW

SteelcoData Ares workflow is based on the following steps:

1

DIRTY ACCEPTANCE

This module allows operators to receive instruments from endoscopy rooms. At instrument check-in the module accepts the material and creates the production order.

2

ASSISTED WASHING

This module tracks the manual cleaning phase either manually or semi-automated with Steelco EPW devices. This phase requires the record of an instrument leak test. Recorded information are: the operator who performed the process, the date and time of execution and device ID (if device assisted).

3

DISINFECTION / STERILIZATION

This module tracks the disinfection / sterilization phase performed by automated endoscope reprocessors. It links to the endoscope tracking all the cycle relevant information collected by the endoscope reprocessor: operator ID, endoscope ID, AER serial number, day/time, detailed cycle parameters, cycle result. The material positively processed can be either immediately used on the patient or stored in drying/storage cabinets.

4

DRYING AND STORAGE

This module tracks the endoscope drying and storage. If the drying and storage cabinet can monitor the storage parameters, the software automatically links to the endoscope tracking all the relevant information collected: operator ID, endoscope ID, cabinet serial number, physical storage details, day/time, detailed parameters, aseptic storage status and expiry date.

The operator can print a summary of the information.

5

SHIPMENT

Positively reprocessed or aseptically stored endoscopes can be sent directly to the endoscopy room. The creation of the transport document is made easy by directly scanning the instruments through barcodes / RFIDs.

6

USAGE

This module traces the use of the endoscope.

This functionality allows to:

- Check-in the endoscopes at the point of use
- Links to the endoscope ID all the cycle relevant information of the endoscope reprocessor and collects in addition:
 - Operator, date and time of use registration
 - Clinic/endoscopy room where the instrument is used
 - Nosological and patient identification data
 - Doctor information



When endoscopes move to the next area in the endoscopy department, the system checks they that all previous steps have been successfully undertaken. Operators are acoustically advised if operations have been done correctly.

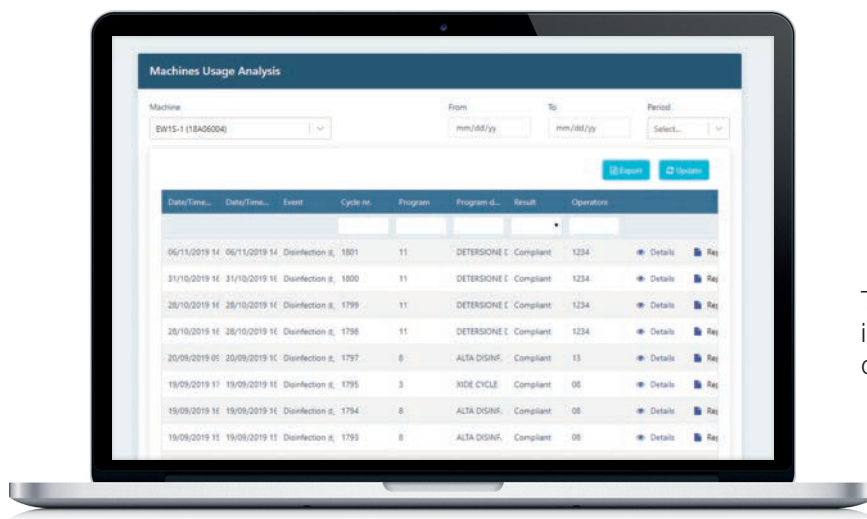
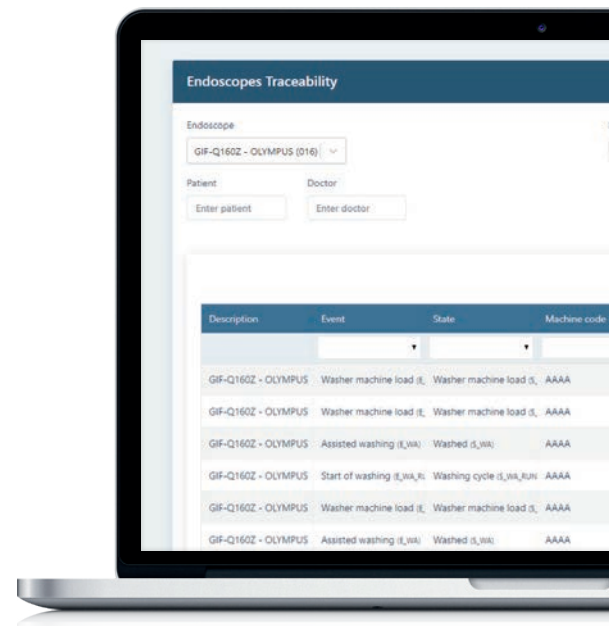


Ares

TRACEABILITY DATA

By storing all the relevant information of the **endoscope history** SteelcoData Ares makes any search simple and easy.
It's possible to visualize all the details needed:

Date of processing	Operator
Machine	Patient
Cycle number	Doctor
Compliance of the cycle	



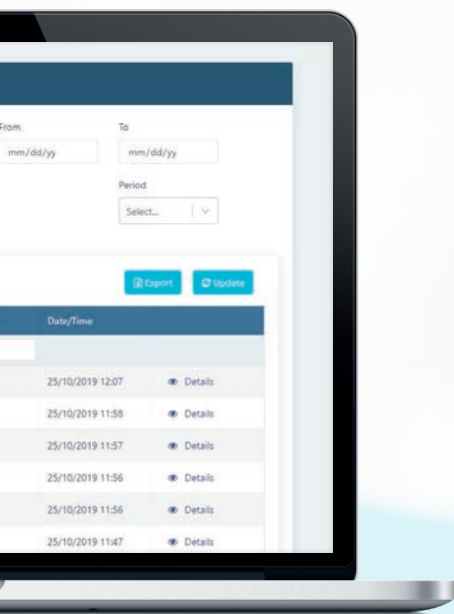
The database can provide detailed information/statistics following the main drivers of the process listed above.

This module provides operators with a comprehensive overview of the use of the endoscope. Through the use of desktop or mobile devices it is possible to:

- ✓ Check-in the endoscopes at the point of use
- ✓ Links to the endoscope ID all the cycle relevant information of the endoscope reprocessor and collects in addition:
 - Operator, date and time of use registration
 - Clinic/endoscopy room where the instrument is used
 - Nosological and patient identification data
 - Doctor information

The system has been developed following the HL7 protocol for data exchange.





SteelcoData Live

SteelcoData Pro

SteelcoData Ares



Miele Group Member

ARES - flexible endoscope automated reprocessing system



Dental washer disinfectors

Flusher disinfectors

Steam sterilizing autoclaves



Washer disinfectors for central of sterilization departments

Laboratory glassware washer disinfectors



Washing and sterilizing systems for life science and pharmaceutical applications

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