MEDIQUA

Life Science Solutions

iCanTrace

SYSTEM PRO

MANAGEMENT AND REPROCESSING OF THE STERILIZATION AND USE OF SURGICAL INSTRUMENTS

MEDIQUA
Life Science Solutions

The ideal partner to enter the Smart Hospital of the future, thanks to our experience and the research of the most advanced and innovative medical technologies and systems to support life.

As an international company of reference in the delicate medical sector, we not only offer an entire range of products capable of satisfying every need of our customers, but we also provide accurate support in the complex management of hospital systems, we offer consultancy in the procurement phase of the devices. medical, we follow the delicate post-sales phase we support our partners from staff training to the daily management of equipment, always innovating and adapting our knowledge to a medical reality that advances and progresses rapidly.

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Certification

ISO 13485
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GENERAL OVERVIEW

The iCanTrace Pro information system allows the complete digital management of the sterilization process to which the surgical material and the textiles are subjected after use.

This system offers high level of standardization and guaranteed quality, safety and productivity thanks to welldefined operating procedures and the subsequent emphasis on support and supervision for the benefit of operators, healthcare facilities and patients.

Despite being a sophisticated information system, iCanTrace Pro is clear and simple to use, making it easy even for operators with little or no computer knowledge: all the procedures are carried out using barcode readers to make the process simple, intuitive and smooth.

THE PROCESS

The system manages the reprocessing cycle of surgical instruments:

1 Records all the used material returned
2 Washing procedures management
3 Kit composition
4 Print process label
5 **Sterilization**: Machine load and unload
6 Delivery
7 Warehouse management
8 Use of the material in the operating rooms
9 Records activities related to instruments maintenance

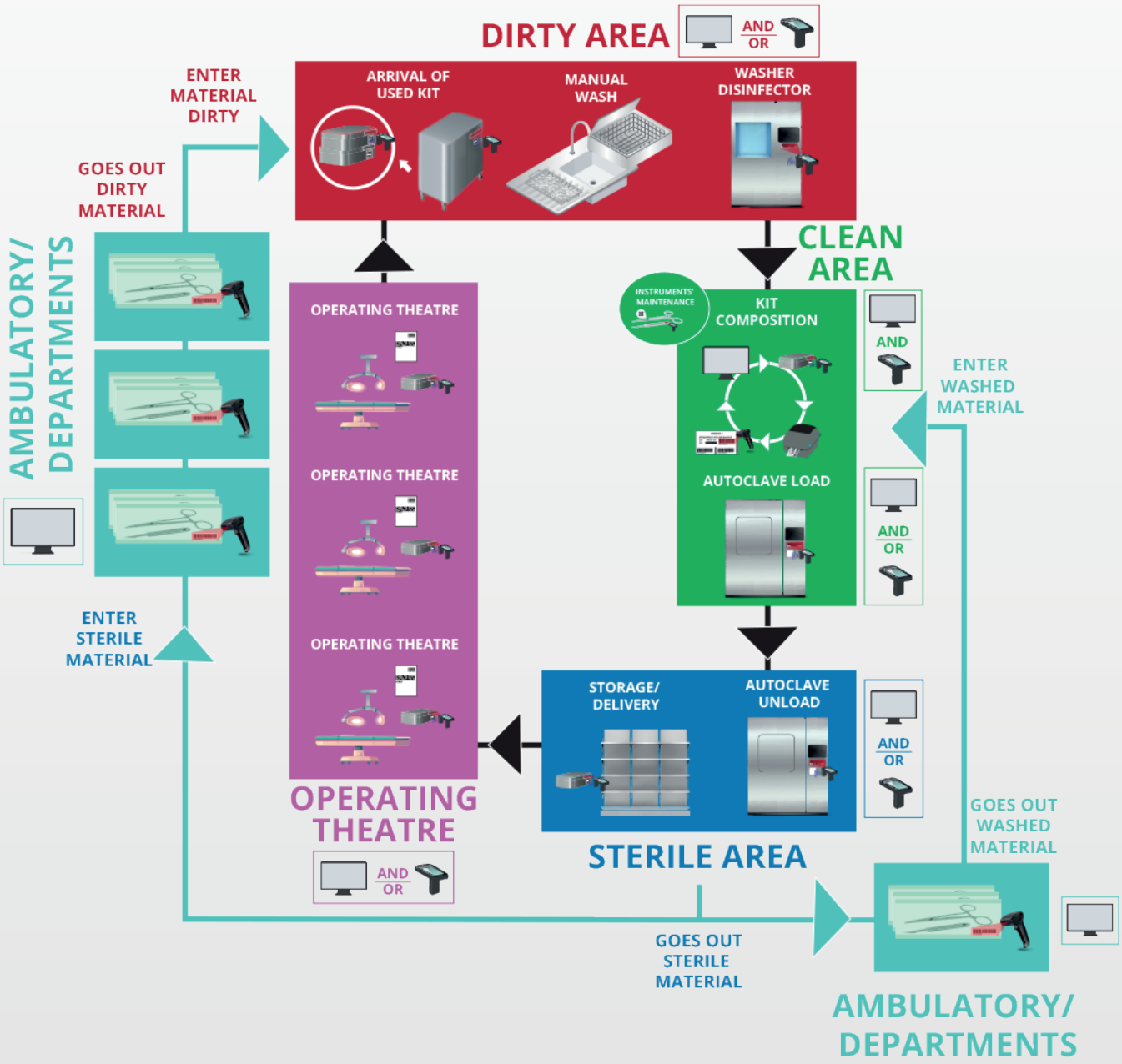
The system records:

1 Process phases
2 Day, time and operator
3 Cycle results and machine details
4 Instrument's location and status
5 Link between the surgical instruments and the patient

Using only one system make possible to trace all the procedures relating to the surgical instruments that take place in the SSD, the activities of the clinics and wards relating to the flows of incoming and outgoing material and the operating rooms with the association of the instruments to the patient.

CENTRAL STERILIZATION

iCanTrace Pro system can interface all sterilization equipment (autoclaves and washer-disinfector) and verification of the sterilization process (biological tests, Bowie Dick) to allow to demonstrate any time the actual correctness of the sterilization process carried out on a specific kit.



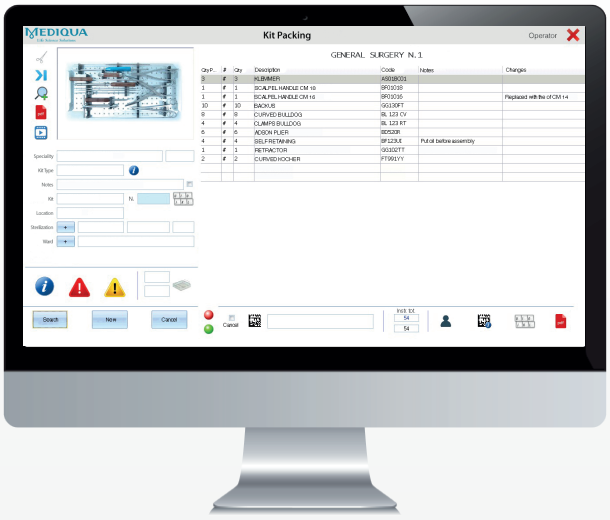
iCanTrace Pro consists of an unlimited number of workstations and handhel terminals located in the different areas.

The system also allows the management of instrument maintenance, monitoring the unavailable instruments, the costs and the performance of the maintenance companies.

iCanTrace Pro works with all types of single instruments identification marked with Datamatrix code, alphanumeric code or any other type of unique I.D. code.

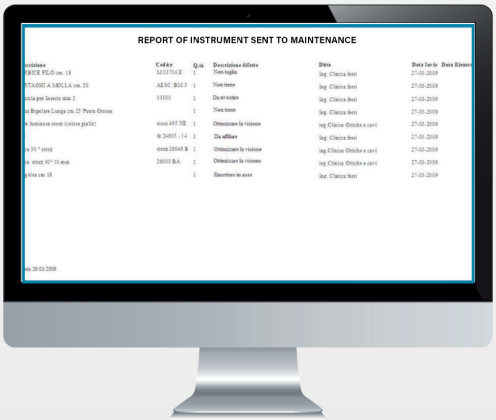
The interface with all types of autoclaves and thermodisinfectors allows the realtime transfer of the data recorded by the machines directly to the PC, allowing the activity control.

The iCanTrace Pro system can be integrated with company software to ensure the continuity of information (e.g. medical records).



iCanTrace Pro is a system that can also be extended to the management of surgical material flows from/to the clinics as well as from/to operating theatres allowing the association between sterile material and intervention/ patient.

ADMINISTRATIVE SUPPORT AND REPORTS



iCanTrace Pro produces reports and lists to help activities related to the SSD administrative management to enable control of production and costs.

SYSTEM CONFIGURATION

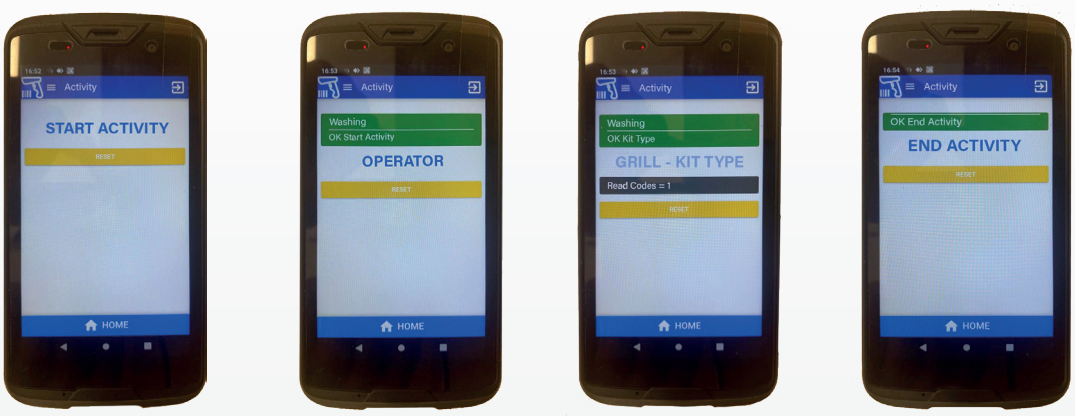
The system works with a server and workstations in unlimited number which could be on a PC Client and on a Handheld terminal.

All workstations are multifunctional for the management of all activities related to instruments "sterilization process".

A full workstation in the packing area consists of:

- ✓ PC Client
- ✓ Barcode reader
- ✓ Label printer
- ✓ Plastic label printer
- ✓ A4 Laser printer

Excluding the workstation in the kit packing tables, for which it is needed a PC Client, all other functions could be carried out using handheld terminal which is the optimal choice for any application requiring reliable data collection in mobility.



TECHNICAL ASSISTANCE TEAM

Our Software Division, with specialized personnel, takes care of the planning, inspection and installation of the system.

After system start up and staff training, the technical team will always be available to the customer and a continuous maintenance and assistance service will be guaranteed which includes:

System checks from remote: ONCE A MONTH our technicians run specific system checks from remote to diagnose any fault or malfunction of the system and plan an immediate solution. They can make data maintenance, check back up system and distribute corrective patches or software upgrade.

Telephone support 24h/365 dd: the Telephone Assistance service is available 24 h / day, 365 days a year, to guarantee at any time a quick response and activation of all the procedures necessary to restore normal functionality of the system.

On call assistance: our personnel is always available for telephone support. When a system fault is reported, the Technical Support Manager will decide the type of intervention and the more appropriate person to do it. Normally, we proceed with an intervention from remote, which will be implemented within 60 minutes of fault report. If such action fails to solve the problem, the client can ask a quotation for an intervention on site.

Service availability 24h/365dd: to ensure continuity in all the hospitals using our systems the technical support is guaranteed 24 hours / day, 365 days a year at any time to ensures a prompt response and the activation of all the necessary procedures to restore normal functionality of the system.

Periodical system upgrade: every six months we will test the system compliance to the requirements of the client. If changes are necessary to accommodate the new needs of the Hospital, the R&D dept. will study the possibilities and will reply accordingly.

LESS CHANCES OF HUMAN ERROR:

Identify:

- ✓ Who does what
- ✓ When
- ✓ Using which machine

LESS WASTING

- ✓ Monitoring sterilized kits expiry date and hospital instruments

LESS RISK

- ✓ For the patient
- ✓ For the data stored and not modifiable by the operators
- ✓ For the operators

LESS WORK

- ✓ Automated Processes
- ✓ Easy data retrieval
- ✓ Quick response
- ✓ Sharing information between different wards and units.

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