



computer system
for the sterilization
cycle management

MEDOK

www.medok.pl

system description

The **MEDOK** System is a special dedicated software designed for comprehensive workflow management in Central Sterilization Units (CSU), and in particular, planning and administering of sterilization cycle, supervision of sterilization equipment operation, repair and servicing, evidencing of sterilization products (predefined sterilization kit packages, instruments, fluids, etc.), and automatic accounting of sterilization costs.

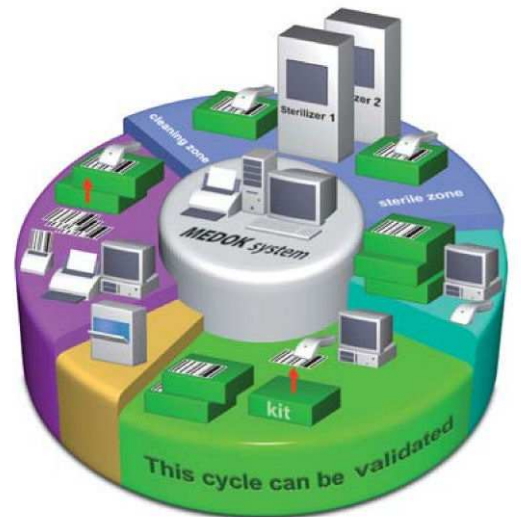
With the **MEDOK** System, the high quality of sterilization services can be easily confirmed and evidenced.

In addition, the sterilization process can be administered from external units.

The **MEDOK** System is compatible with other popular IT systems commonly used in health care facilities. The implemented HL7 protocol is used for easy data exchange between surgical suites and other hospital departments and the hospital accounting system.

The **MEDOK** System is easily configurable and consists of multiple system modules responsible for a range of features. It can be adapted to various workflow systems used in health care facilities.

System modularity enables its easy, stepwise development—from the basic to more complicated configurations.



- surgery room
- kit cleaning and disinfection
- kit labelling and packing
- sterilization
- storage



how it works?

The **MEDOK** System is automatically operated by means of barcode scanners located at selected workstations: Acceptance, Cleaning & Disinfection, Sorting, Packing, Sterilization, Storage, and Distribution. The overall sterilization cycle and the sterilized instruments are evidenced and registered in detail in customized reports saved on a computer hard disc, without any particular contribution on the part of the operating staff.

It would take more than two pages to describe all features and solutions offered by the MEDOK System. These are listed in detail in the following papers: "MEDOK Guidebook"; "MEDOK System – Technical Specification" published by ELMI Poland.

To order these titles, please call us or write to:
info@elmi.pl.



In the Central Sterilization Unit, the **MEDOK** System will be introduced stepwise.

In cooperation with the Central Sterilization Unit manager, our product engineers will perform **Requirements Analysis** to be able to customize the system. The **MEDOK System** can be easily configured to fit the existing workflow. Based on our past experience, we will suggest possible modifications, but the final system configuration will be approved by the sterilization specialists working at the Central Sterilization Unit.

System adaptation will be based on the preceding analysis. We will provide equipment, define sterilization kits and instruments (the system includes predefined kits of instruments), and our programmers will adapt the software and the reporting system to the existing quality system.

The system operation will be presented to the final recipients and if all your requirements are met, the system will be subject to **approval**.

It will take one or a few days to install the system, depending on its volume. All works will be completed without interrupting the operation of the Central Sterilization Unit.

System commissioning and staff training will be dealt with by our specialists and will include each and every workstation at the Central Sterilization Unit.

You will be provided with a license and validation records to confirm the system operation in the existing quality assurance system, if any.

The system commissioning will be officially recorded after the proper system operation is confirmed by the recipient.

Supervision and support will be performed online via Internet and telephone.



Photo Manager – easy solution used to identify the correct kit, its content and location.



As mentioned before, the MEDOK System can be implemented stepwise, it means that the costs can be divided in time.

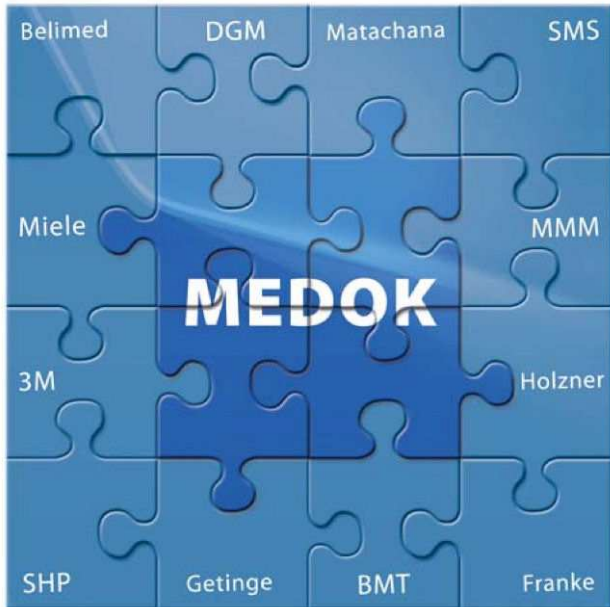
There is a wide range of costs which is depending on the system development and functionalities. That's why price must be individually specified.

We have created MEDOK System, and we are therefore capable of fulfilling any customer requirements.





The **MEDOK System** is compatible with sterilizers of various brands.



ELMI Automatic Systems has been specializing in sterilization processes for over **25 years**.

We have been designing, programming and producing sterilizer controlling devices and recording equipment used in the supervision of sterilizer operation and in detecting any possible irregularities in the sterilization cycle.

We have been developing our own **computer software** intended for the monitoring, recording and visualization of the sterilization process, as well as highly complicated applications which facilitate and streamline the operation of health care facilities, and Central Sterilization Units in particular.

Our software and equipment has been operating all over Poland. We have been cooperating with numerous health care facilities and popular pharmaceutical companies. Our brand has become popular in many European markets. Our solutions have been implemented in: Germany, UK, Lithuania, Belarus, Ukraine, Russia, Slovakia, Hungary, and Romania. Our market presence has been constantly growing both, at home and abroad.



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