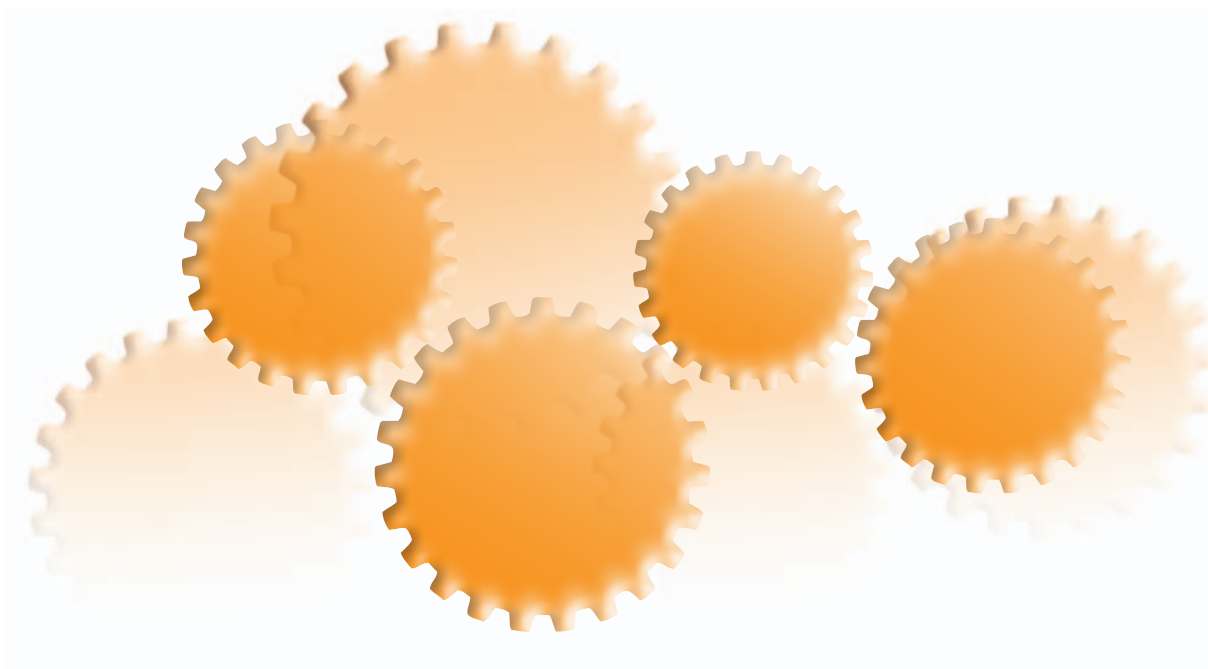


# EcoSoft



## Process Documentation for the Track and Tracing of Sterile Supply

- Tailored to suit your individual process requirements
- Secure data storage for legal security
- Modular software construction



Medical Device Directive, National laws and other regulations are making excessive demands on the CSSD, making life complex and demanding. Increasing requirements for higher outputs and improved process quality and efficiency require a well-organized workflow and the use of suitable tools and equipment.

According to legal stipulations, the sterile processing of medical devices must be fully documented. This includes the recording of all machine batch data and the individual steps of the sterile process.

Ultimately, it is the staff that are responsible for the correct treatment of the instruments and medical devices. Furthermore, this correct treatment protects the valuable instrument stock from depreciation. MMM now offers the perfect tool to

maintain the value of your sterile supply, to assure the quality of your workflow processes and to deliver full cost transparency: **EcoSoft.**

EcoSoft is software that supports and documents every stage of the sterile process. It has been developed by people who understand the demands and work of the CSSD. EcoSoft is the result of almost 60 years of experience in sterile processing gathered by the staff of the MMM group. We understand the demands and requirements of CSSD. All MMM products and services are precisely tailored to suit the needs of the CSSD Management and staff.

**EcoSoft can be tailored to suit the needs for process documentation and sterile supply management.**



# □ EcoSoft – A powerful tool

## Enjoy your work



EcoSoft is a software application which is easy and logical to use. It helps you in structuring and organizing the workflow of your CSSD. This tailor-made tool easily helps you to fulfil today's requirements for process documentation.

- Instrument set assembly and management
- Quality assurance
- Automatized process documentation
- Instrument management

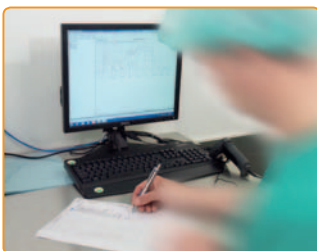
## Just right



Thanks to the modular design of EcoSoft, the system can be adapted to your individual needs and situation: From simple process documentation to complete sterile supply logistics.

- Integration of all machines involved in the sterile process (e.g. washer-disinfectors, sterilizers, heat sealing machines).
- Identification of medical devices (e. g. instruments, utensils) by means of various codes, such as bar code, data matrix, RFID etc.
- EcoSoft is suitable for use in all sizes of sterilization departments, ranging from single-user stations to multi workstations super centres, for the management of internal and external customers (sterile supply provider).

## Transparency for more safety



Automatic supply management and documentation allows fast and efficient tracking of every process stage. Know the exact location of your instruments all the time: Whether they are in use or being reprocessed. You always have control of your instrument stock for each department or cost centre. For planning and controlling purposes, management can create an analysis or statistics at the push of a button.

Be on the safe side! EcoSoft helps you meet the requirements of current regulations, standards and directives, and is so flexible it will allow adaption to new requirements.

# The Sterile Process, under control

## Process management with EcoSoft

1. Return of instruments from operating theatres and wards

2. Washing and Disinfection / WD batch assembly

3. Control of washer-disinfector cycle

4. Instrument checking and set packaging



- Recording of Instruments on arrival in the reprocessing department.

- Instruments can be assigned to manual pre-cleaning.
- Instruments are logged as machine batches either at the return station or by scanning a bar code on the WD
- Optional: Automatic WD program selection (increased operating safety by compatibility check).

- Documented record of WD batch
- Automated archiving of batch data
- Recording the WD process

- Standardized and clearly arranged packing lists will support the staff in tray and set assembly and instrument handling.

The use of pictures, texts, audio and video instruction improves the checking and packaging of instruments.

### 5. Sterilization / Sterilizer batch assembly

### 6. Control of sterilization cycle

### 7. Despatch / Allocation to departments or point of use

### 8. Utilization of sterile supply

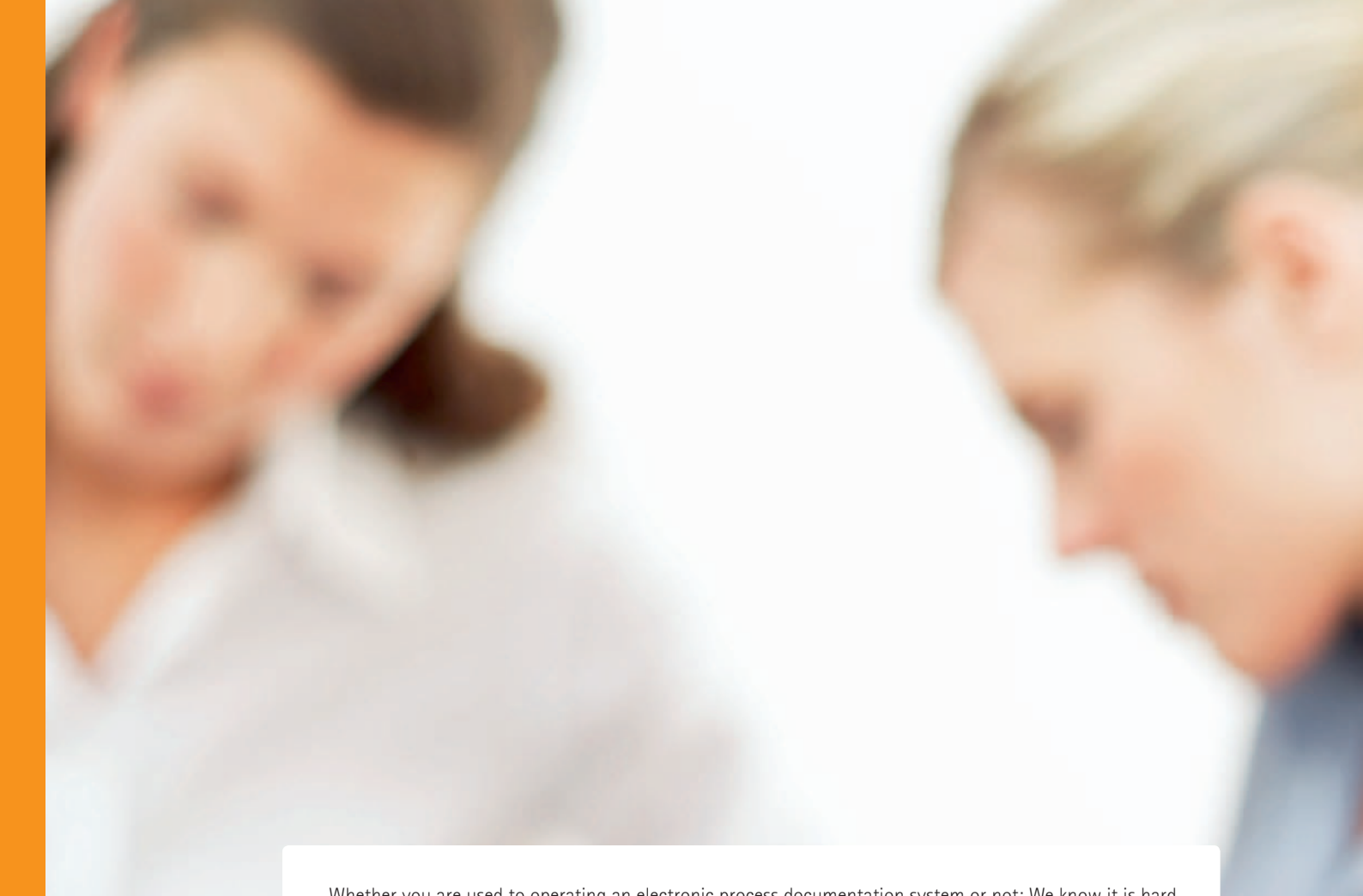


- The goods to be sterilized are assigned to the sterilizer batch either at the packing station via EcoSoft or directly in front of the sterilizer by scanning the bar code. The sterilizer's control system automatically selects the correct sterilization program and checks the scanned goods for their compatibility with the program (optional additional equipment required).

- Control and documentation of sterilization cycle result.
- Release of sterilization batch by authorized personnel.
- Automatic archiving and print-out of batch data.

- Despatch of sets and instruments to operating theatres and wards.
- The statistics module of EcoSoft provides exact details about the stock of the supplies department. At the same time all sets can be identified by their use-by date.

- The sterilized items can be logged against individual patients. EcoSoft also allows case-related allocation of the sets and instruments; this can include all reprocessing costs involved and allow integration with an existing hospital information system, if installed.



Whether you are used to operating an electronic process documentation system or not: We know it is hard to start or change it. The key to successful implementation and utilization of EcoSoft is our comprehensive support package; this includes system planning, introduction, training and fast on going assistance.

## A powerful partner at your side

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Together, we will study your current and future capacity requirements and adjust our offer of our supply and services exactly to your needs. We will recommend which machines and process are to be covered by the documentation system and the best way for you to implement the installation (e. g. number of workstations).

The MMM software team has vast experience in the field of sterile processing and is ready to support you during the installation and initiating the service and will be there to train you in the use of EcoSoft.

If you experience any problems during routine application, the MMM hotline service is there for a fast response and if necessary will arrange assistance on site.

Regular EcoSoft updates automatically provide you with new functions and allow you to be always up-to-date (software service level agreement required).



**EcoSoft Consulting:  
From planning to installation!**

- Process and organization consulting
- Equipment and installation planning
- Installation on site and adjustment to your individual situation

**EcoSoft Support: Ongoing continues  
phone & technical assistance!**

- Management and monitoring of installation and implementation (e. g. support in master data entry)
- Support after putting into service
- User and key-user training by experienced instructors
- Central MMM training centre

**EcoSoft Service: MMM are  
renowned for Quality Customer Service!**

- Hotline for online and on-site support
- Fast response times
- Regular EcoSoft updates including functional add-ons for support customers
- Software service level agreements



## □ EcoSoft PLUS – Added value for your CSSD!

If you intend to implement a quality management system in your central sterile supply department, the introduction of an electronic process documentation and supply management system is a very important step. Capitalise on the analysis of your workflow, your medical device stock and your technical and personnel infrastructure. Cost transparency, adapt new ideas of how to reduce costs, quality improvement and increase of efficiency.

The MMM consultant will give practical advice in the analysis and improvement of your workflow, your equipment for sterile processing and your stock of medical devices. The organised stock and control of instruments, trays and sets, may open up unexpected possibilities of cost reduction. Also possible is tray revisions, simple data entry and packing list preparation in EcoSoft.

### Stock analysis

- Quantitative and qualitative recording of instruments, trays and sets
- Perfect preparation for later utilization in EcoSoft

### Set analysis and optimization

- Analysis of current instrument set contents and set organization
- Optimization and standardization of set contents and packing lists
- Change-over from old to new set organization (if necessary)
- Entry of new or modified sets in EcoSoft (if necessary)

### Master data entry in EcoSoft

- Provision of an EcoSoft workstation
- User instruction in master data entry
- Alternatively: Importation of existing data (prior data analysis required)
- Alternatively: Manual recording of master data on site together with the user

### Quality

- Quality management manual
- Validation documentation



## □ Improve your Process and Quality Management with EcoSoft

The just-in-time availability of instruments is critical for effective hospital efficiency. The CSSD and operating wards must operate as one to ensure the smooth running between surgeries and instrument reprocessing.

EcoSoft allows you to have an overview of the actual position of your instruments at any time and records the sterile processing in a controlled and traceable way. By integrating all machines in EcoSoft, all process data is logged and centrally saved. Because the data from the machine programs of WD and sterilizers can be recorded to the instrument sets and trays in EcoSoft, automatic program selection is possible, minimizing, operator

errors which could be detrimental to the delicate instruments being reprocessed. Automatic batch data logging also allows you to see if the process run was error-free. The system can also monitor the processing intervals and gives a warning if items with limited reprocessing characteristics exceed the number of allowable reprocessing cycles.

Standardizing your workflow and system tools with the introduction of a quality management system will give piece of mind. It is reassuring to know that sterile processing in your institution meets all legal and qualitative requirements and that all working procedures run in a cost and resource-efficient way.

### There is no way around.

- The utilization of EcoSoft helps you to meet all legal and regulative requirements: e. g. MDD DIN EN ISO standards 17665, DIN EN ISO 15883, DIN EN ISO 13485 etc.
- EcoSoft can be used for mapping your quality management system in use or to be used in future (Software extensions might be necessary)

### Positive side effect: cost reduction.

- Standardized processes and tools (e. g. packing list standardization) reduce the instrument investment and facilitate the daily work load.
- Cost transparency and analysis of process costs
- Clear evaluations by EcoSoft for simple supervision and analysis of sterile processing

### Improved quality for the sake of safety.

- The selection of the correct processing method, as well as automatic program selection (WD and sterilizer) will reduce the risk of operator errors.
- EcoSoft supervises the processing intervals and will give a warning if the number of allowable reprocessing cycles is exceeded.
- A Hygiene passport: all process data is archived and evaluated, including the documentation of possible incidents during processing. Evaluation can be produced tray-related or can be filtered by other parameters.

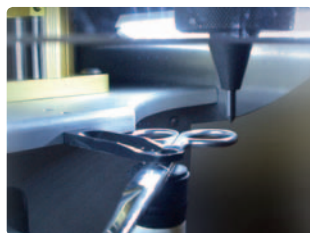


## □ EcoSoft and EcoData – a Perfect Combination

EcoSoft can process most types of codes: bar code, RFID or datamatrix. With EcoData, the user can easily encode and permanently identify individual instruments, trays and containers for faster recording and simplified tracking and tracing of items being reprocessed.

### Make use of the advantages offered by datamatrix encoding with EcoData and tracking and tracing with EcoSoft:

- Easy master data entry in EcoSoft by code recording
- Independent system unit including operating system and tools
- System integration in EcoSoft
- Many new instruments are datamatrix encoded ex works
- Mobile MMM EcoData service for encoding of existing instrument stock
- Increased transparency of individual instruments movements
- Documentation of instrument-related data
- Precise allocation of individual instruments, sets and trays and users
- Monitoring of the number of processing cycles of individual instruments
- Encoded packaging of sets ensures reliability
- Enhanced evaluation and cost transparency





### MMM Group

As one of the world's leading suppliers of sterile processing systems, MMM has been working actively to promote good health since 1954. With a full range of sterilization and disinfection products and services – that can be found in every branch of healthcare from hospitals and scientific institutes, to laboratories and the pharmaceutical industry – MMM, has over the years, consolidated its position as a pioneer of quality and innovation both in the German and international

market. In our two production facilities based in Stadlern, Germany, and Brno, in the Czech Republic, we manufacture products that meet the highest demands of our customers world wide. The depth and precision of production standards at both plants ensure that we accomplish the rigorous quality requirements of medical engineering. 900 competent employees work together as a committed and enthusiastic team, dedicated to achieving the mission of the MMM Group.

**Protecting human health.**

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