# The who, what, when, where, and why of sterile processing **traceability, documentation** and **quality control**.

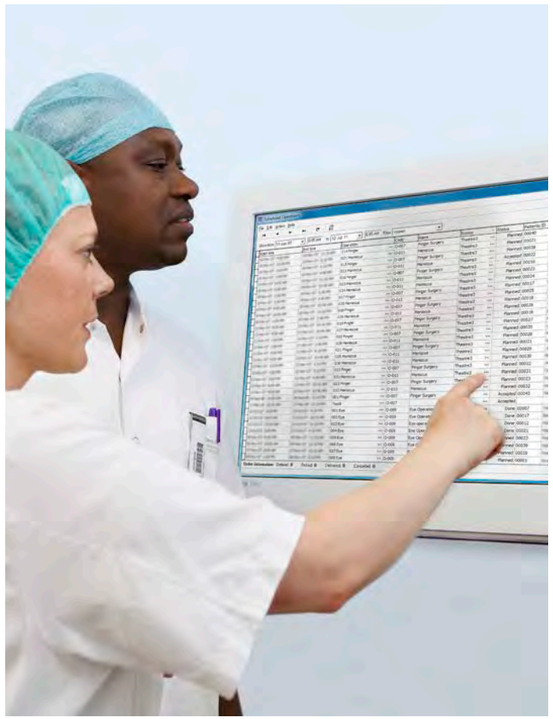
Now you can introduce an unprecedented level of accountability and administrative control into your sterile and surgical workflows to ensure vital instruments and goods always will be available when and where they are needed. Without fail.

More than anything else, T-DOC Risk Management Software for Central Sterile (CS) and Hospital Administrators helps turn information into human understanding – the key to continual improvement and the elimination of the clinical, legal and operational risks associated with sterile processing.

Along the way, T-DOC can help your CS staff avoid making critical errors where a single mistake or delay can have serious consequences for surgeons and patients, alike.

In close to 1200 installations worldwide, T-DOC has proven to make even the least experienced worker much more capable. At the same time, T-DOC provides the real-time and historical data you need to identify the strengths and shortcomings of your processes, people and technology; analyze trends, and anticipate problems before they occur. So you can take the corrective measures that lead to better outcomes and best practices.





# Helping your CS technicians do **more** – and do it **better** – in **less time.**

T-DOC is designed to be a CS technician's best friend, giving employees the tools and support they need to fulfill their responsibilities with confidence – no matter how long they've been on the job. The following software modules have been specifically created to improve the performance and productivity of your CS staff:

**T-DOC's Multi-Media Module** helps your technicians visualize the proper processing and handling of instruments to help minimize errors in the packing and assembly of trays. Images, video and audio can be accessed at all workstations. Recordings are made directly in the T-DOC app or at any T-DOC workstation using a digital camera or webcam.

**T-DOC's CountAssure Module** provides an on-screen packing list including all the instruments included in the tray. CS staff members must confirm the tray has been populated with each instrument on the list before proceeding further to prevent costly reprocessing of incorrectly packed trays and postponed surgeries.

**T-DOC Operation Count Module** utilizes on-screen checkmarks and historical count data (by date, person and result) in the OR room to help ensure consistent instrument counts before, during and after a surgical procedure – a key factor in reducing risk and a real time saver, especially when a large number of instruments are involved.

**T-DOC Messaging Module** facilitates fast and immediate communications among T-DOC users and user groups to quickly spread the word about unexpected changes in production or the introduction of new procedures. Audio (VoIP) communications also is available between T-DOC users regardless of their location – even at a facility outside of the hospital.

**T-DOC Additional Language Module** provides a second language, such as Spanish, in addition to U.S. English that comes standard with T-DOC. Based on user configuration, the correct language is displayed upon login.

**T-DOC Weight Module** helps technicians register and validate tray composition as instruments pass through the production cycle. Measured weights are compared to baseline weights to expose missing or extra items and other inconsistencies.

**T-DOC Indicator Module** helps CS technicians follow procedures that require the use and monitoring of biological or chemical indicators to meet established standards.

**T-DOC Incubator Module** includes batch registration and data logging to market leading rapid read biologic technology readers, eliminating the need for paper documentation. Module functionality lets technicians scan biological indicators to a batch; pre-define incubation time; register to incubator wells; link to control indicators; approve/disapprove; and log data from selected incubators. On-screen alignment with the actual indicators and incubators promotes accurate interpretations of test results.

**T-DOC Case Cart Solution** allows for automated of ordering directly from a surgical planning system of instruments creating ready-made case carts and using dynamic preference lists including all necessary trays, single instruments, implants and disposables. Ensure complete traceability at patient level, including use of implants and associated LOT numbers.

**T-DOC Emergency Case Cart Module** helps ensure that technicians place the highest priority on replenishing the cart and prevent similar trays from being diverted elsewhere until it is needed. A single scan permits quick linking of the entire emergency case cart to a patient journal. Traceability is assured even in the absence of patient data during emergency procedures.



# Managing change, and **managing it well.**

In the age of Hospital Acquired Infections (HAIs), ever-changing reimbursement rates and intense regulatory and public scrutiny, CS managers are increasingly challenged to assure the quality of production while reigning in costs. Effective instrument traceability and asset management have become essential requirements to meet mounting expectations inside and outside of the hospital.  Here's how T-DOC software can help CS managers make possible what is virtually impossible to do on their own:

**T-DOC Base Software** provides the core capabilities to associate all processes, cleaning and sterilization equipment, surgical procedures, patients and physicians with both single use and reusables throughout their complete lifecycle choosing between several choices of advanced barcodes and other tracking technologies. Base Software includes key standard modules that enable a wide range of reporting, archiving, and administrative functionality.

**T-DOC Scanner Module** is the T-DOC state of the art user interaction, minimizing user training time and  eliminating the need for a keyboard and mouse throughout the sterile production. Multiple combinations of functions can be handled on the same scanner such as Return & Pack, Pack & Pre-Batch Registration, Post-Batch Registration & Dispatch and Dispatch & Order.

**T-DOC Batch Registration Modules** let managers trace instruments in any production cycle to a specific sterilizer or washer-disinfector while providing important verification and documentation that each load, based on its content, is being processed in accordance with best practices and equipment manufacturer recommendations.

**T-DOC Pre-Disinfection Registration Module** documents where pre-disinfection took place, who performed it and what was pre-disinfected to help ensure your hospital's infection control guidelines have been met.

**T-DOC Basket Module** simplifies batch registration and helps speed CS workflow by reducing the need for manual scanning of multiple units in a single basket.

**T-DOC Load Queue Modules** manage sterilizer and washer-disinfector queues where a Getinge Air Glide System is used by automatically associating loads with specific machines and sterilizer/washer programs and allowing load queue contents to be viewed.

**T-DOC Operation Module** lets you associate sterile goods with a specific surgical procedure, patient and physician to correlate instrumentation and processing costs. In addition, the module improves coordination between the OR and CS by providing a window into each other's world so sterile supplies can be prepared and delivered on time.

**T-DOC Operation PlanAssure Module** permits you to input detailed information regarding turnaround times throughout the production cycle to create, modify or cancel order reservations based on instrument availability. As a result, the OR knows if required instruments are available for a scheduled procedure when the order is placed.

**T-DOC Sealer Integration Module** connects T-DOC with sealers from leading providers, exchanging information on temperature and all information to be printed on pouches, while ensure all sterile goods are linked resulting in full traceability.

**T-DOC Endoscope Module** provides full control of endoscope handling, cleaning and storage to help you monitor critical time intervals among disinfection, drying and the patient procedure. By recommending the picking order, this module reduces the need to reprocess expired or incorrectly assembled endoscopes.

**T-DOC Fast Track Plan Module** automatically prioritizes the processing of an identified instrument or set throughout the production cycle based on its anticipated need and availability to facilitate planning and ensure timely delivery.

**T-DOC Web Modules** provides Intranet/Internet access to T-DOC including smart search and ordering functionality via a web browser, allowing internal customers the capability to search for specific items by serial number, location and status; create orders and track their status; assign fast track codes and cancel orders if necessary – all through a standard web browser with minimal training.

**T-DOC External Documents Module** lets CS managers provide their staff access to documentation on instrument maintenance and more to assist them in performing daily tasks. Centralized control gives only authorized individuals the ability to add, modify or delete shared information.








# **Critical documentation** for hospital administration.

Today, it's not nearly enough to institute sterile processes and protocols to eliminate the potential for human error and the consequences of non-compliance in CS. Hospitals must also have the ability to provide evidenced-based, proof of performance to regulatory agencies, accreditation organizations, courts of law, the media and an increasingly inquisitive and knowledgeable public as required or requested.

If you're a hospital administrator, T-DOC can provide the historical and real-time documentation you need to confirm best practices and identify and remediate problems before they have an adverse effect on patient outcomes.

At the same time, T-DOC provides a powerful inventory management and strategic sterile production planning tool that will boost CS productivity, increase OR throughput, identify over-stocked or underutilized resources and reduce the cost associated with lost or misplaced instruments.

**T-DOC Data Logging Modules** let you record and store data directly from Getinge and 3rd party sterilizers and washer-disinfectors – a valuable source of information for CS managers and hospital administrators who may be called upon to verify compliance. Real-time process information is available from most Getinge sterilizers and washer-disinfectors to help improve production planning.

**T-DOC Single Instrument Tracking Module** makes it possible to assign an unique serial number to a single instrument and document its use and location throughout its full life cycle and all steps of reprocessing; washing-disinfection, packing, sterilization, maintenance, storage and patient procedure. Total traceability helps safeguard against the incorrect packing of trays, the cost of reprocessing and the expense of replacing lost instruments.

**T-DOC Stock Management Basic and Advanced Modules** provides full control over all of the sterile and non-sterile stock throughout the hospital while also automating ordering from internal and external suppliers based on pre-determined inventory levels. The Advanced Module offers additional support functions that further automated inventory ordering and control.

**T-DOC Patient ID Registration Module** links individual instruments and trays to a current patient's ID as well as future and previous patients who will or have come in contact with the same instrument to quickly identify those who may have been subjected to a source of contamination.

**T-DOC Audit Trail Module** documents all changes to basic T-DOC data in the system, including who made the change and when, while providing the ability to restore data to its previous state.

**T-DOC Repair Module** manages the shipment of sterile supplies for repair and service, indicating in the system the instrument is unavailable for order fulfillment. Details of each repair are captured in the database to help enhance the efficiency of asset management.

**T-DOC Data Exchange Module** helps integrate T-DOC with other hospital information systems such as surgical scheduling, materials management and financial to facilitate the sharing of information across departments and functional units.