

Efficient laundry management for your workwear

Solutions for care facilities





The optimal system for workwear management

Reduce your costs and increase hygiene

You, as a resident director, housekeeping manager, or person responsible for several care facilities, want to be sure that your employees always work with hygienically impeccable garments. With a laundry management system you can control whether they comply with the hygiene concept and at the same time put aside some other problems:

- High administrative effort
- Time-consuming and costly
- Bottlenecks in the laundry supply
- Laundry has to be bought again all the time
- Garments are stashed or disappear
- No overview of availability

With the deister electronic laundry management solution teXtag – especially for the healthcare sector – you can easily automate the dispensing, return and management of workwear and transparently map the entire laundry cycle in the future. For both centralised and decentralised dispensing and return of workwear, this includes the removal of dirty laundry to the external or in-house laundry and the delivery of the processed garments. The Commander Connect software can automatically transmit order and collection processes to the textile service provider, e.g. if the stock falls below a previously configured minimum level. This solution simplifies the process for your employees, reduces the overall administrative effort in your care facility and ensures seamless inventory control and more planning security – that's what we call economic efficiency.

Why a laundry management system?

All advantages at a glance

Increase hygiene and minimise risks

With the Commander Connect software, you always know where each garment is and whether the wear times and change cycles you have specified are being adhered to. It also reveals whether worn laundry has been returned or taken home to be washed. In this way, you can actively support and supervise your hygiene concept and thus prevent the risk of disease outbreaks and the associated damage to your care facility's public image.

Relieve your employees

By automating the dispensing and return of laundry and decentralising the placement of laundry cabinets at various locations in the building, your employees will save valuable walking time every day.

At the same time, the newly gained transparency ensures that supply bottlenecks are a thing of the past, as our software controls the stock fully automatically with every laundry movement. This also relieves your staff from needing to manage this, saving precious minutes every day that can be used for more meaningful purposes.

Increase efficiency

This system helps you to save money by reducing walking time, loss and administrative effort as well as by optimising the laundry stock. Depending on the conditions on site, you will quickly have saved the costs for such a system.

Get a better overview

With the help of a laundry management system, you have complete transparency and control over your laundry supply. You can see in real time how many garments are still available

and thus keep an overview of your textile stock 24/7. This saves time in administration and helps to identify and prevent bottlenecks in the laundry supply at an early stage.

Eliminate manual laundry dispensing

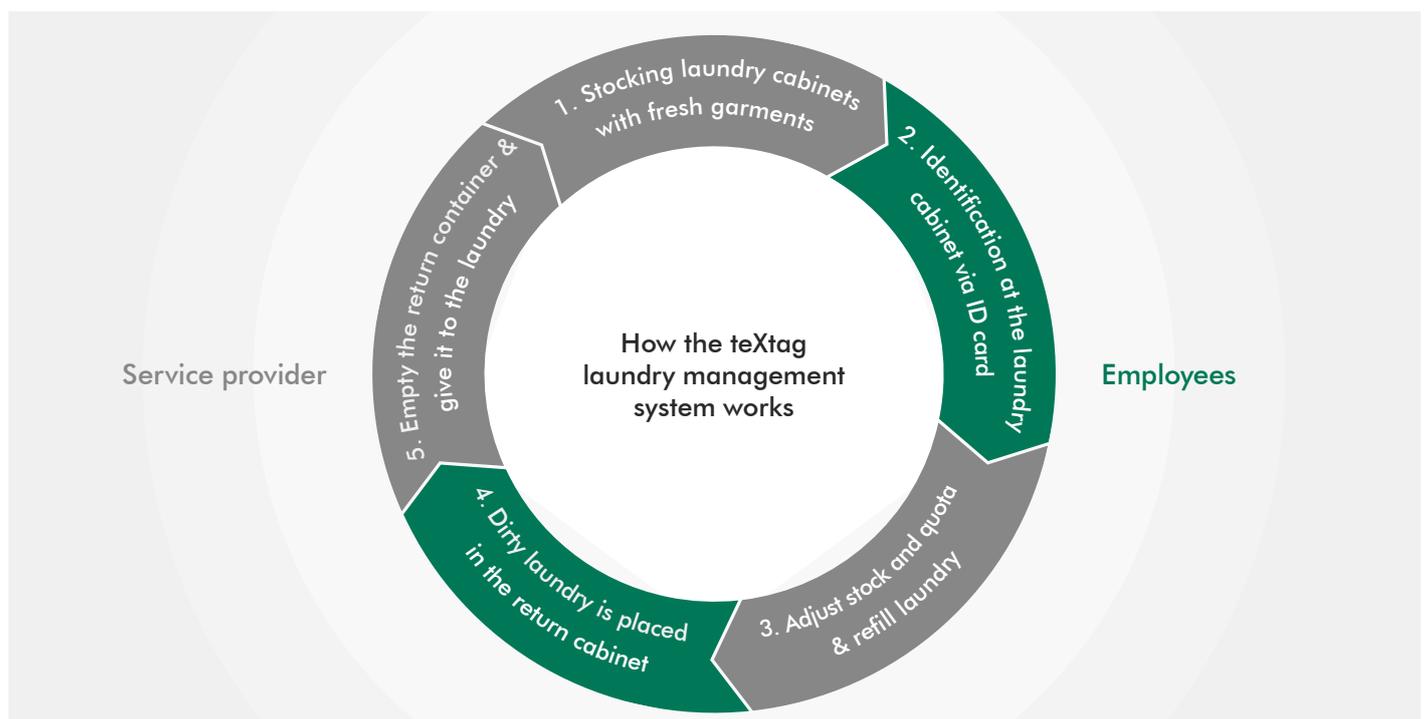
Manual laundry dispensing is very intensive to manage and also very expensive. Even if manual laundry dispensing takes only one hour a day, that's over 300 hours a year. Time is precious, especially in care facilities. By introducing a laundry dispensing system, these 300 hours can be used elsewhere.

Why you need such a system now

Workwear is increasingly becoming a sign of distinction and therefore requires special hygiene and control.

By using our solution to control whether your employees use fresh garments on a daily basis, you can actively support or even improve your hygiene concept.

You can specify the laundry change cycle and check whether everyone keeps to it. The software keeps complete track of all laundry movements. Furthermore, thanks to our laundry cabinets, there will be no more garments lying around openly on shelves or in lockers, where viruses and bacteria can easily spread over time. Using our software, you can check how long an item has been in the cabinet and see which are no longer fresh and may already be contaminated before they have even been used.



Intelligent cabinet systems

Automatic, time-saving and compact



The intelligent cabinet system comprises of dispensing and return cabinets, which manage the dispensing and return of garments and provide garments at the locations where employees actually need them. This reduces the distances covered by employees in order to obtain fresh garments.

The intelligent cabinet system automatically records the user and the garments removed or returned and stores all transactions in a controller, until they are retrieved by the higher-level system. Each dispensing and return cabinet is a standalone unit. This means that the individual cabinets are extremely flexible in terms of their location.

Thanks to the compact dimensions of the cabinets, only a small area is required for installation. The dispensing cabinets can be opened simultaneously, allowing several employees to obtain clean laundry at the same time – thereby avoiding long waiting times.

- ✓ Compact and space-saving cabinet design
- ✓ Automatic recording of wearers and garments
- ✓ Simultaneous, parallel access for the users to all cabinets of the laundry dispensing system
- ✓ Reduction of distances and prevention of queues

Laundry dispensing and return cabinets

Flexible and infinitely expendable



TCD 200



TCR 50



TCR 200



TCR 250

texCabinet (Dispensing)

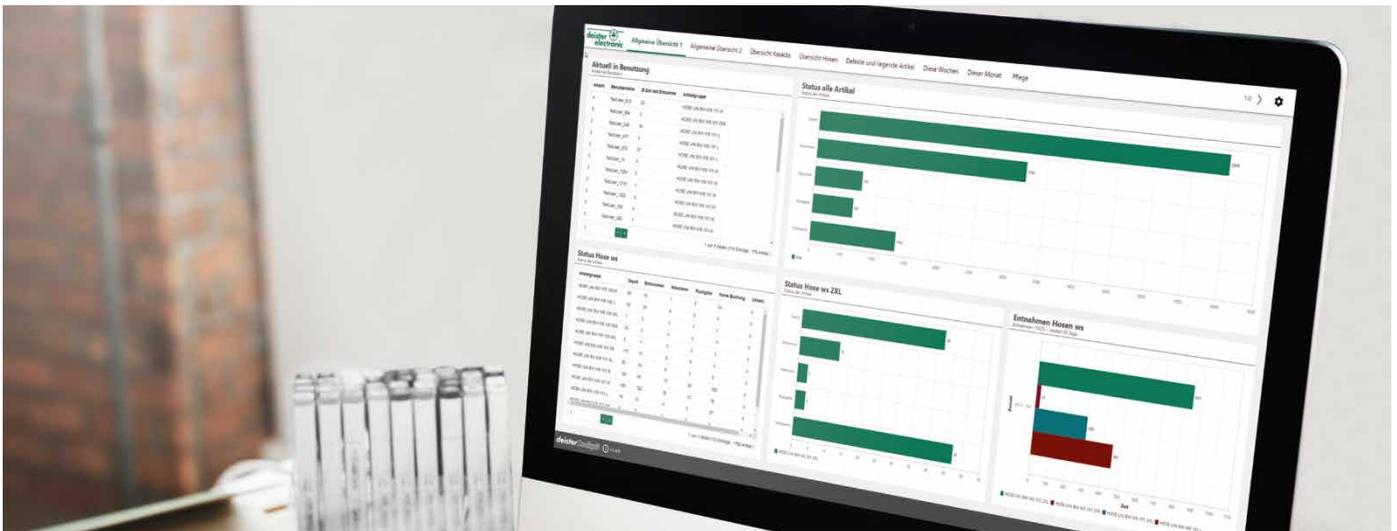
These laundry dispensing cabinets are designed for rapid access. Simply hold your ID card in front of the reader integrated into the door handle and take out your laundry in less than five seconds. Access permissions are easily managed by our software.

texReturn (Return)

To return laundry, the user simply drops the laundry through the opening in the return cabinet. The laundry is automatically recorded by the cabinet. The laundry bag can be replaced in a few simple steps. The laundry return units from model TCR 200 upwards are suitable for all common mesh container types. Depending on the texReturn model, between 150 and 300 garments can be returned. TCR 250 and TCR 300 are equipped with a flap which can be adjusted in three steps. As an option, it is possible to lock the flap electronically and release it via ID card and reader.

Software portfolio

The right software solution for every application



Software Commander Connect

Laundry management, allocation of quotas and user administration are easy to implement with the Commander Connect software. At any time, Commander Connect provides a transparent overview of the laundry and garment stock and you have the life cycle of the garments directly in view. You can check the fill levels of all dispensing and return cabinets in real time. This allows you to clearly optimise the stock and ensure availability.

deisterCockpit – Big Data Analytics

deisterCockpit is Big Data Analytics software and allows the data generated in the system to be analysed and processed. Using targeted analysis algorithms and intelligent data processing, statistics, overviews and figures can be determined, with which you can optimise your business processes. Identify patterns, analyse consumption, use and check the results of your processes in clear and customised cockpits. deisterCockpit can be directly and individually configured for your

processes and your business, allowing you to obtain precisely the information that you actually need.

syncTool – easily exchange data

Any data such as user data, textile data and quota allocations can be imported, in a freely configurable manner, into Commander Connect software or exported from Commander Connect software. The widest range of software solutions on the market for textile services providers, building automation systems and security systems are supported. Intuitive operation facilitates the process of data synchronisation with other systems. syncTool tasks can run in the background in a fully automated manner.

Intelligent UHF transponders

The laundry itself knows where it belongs

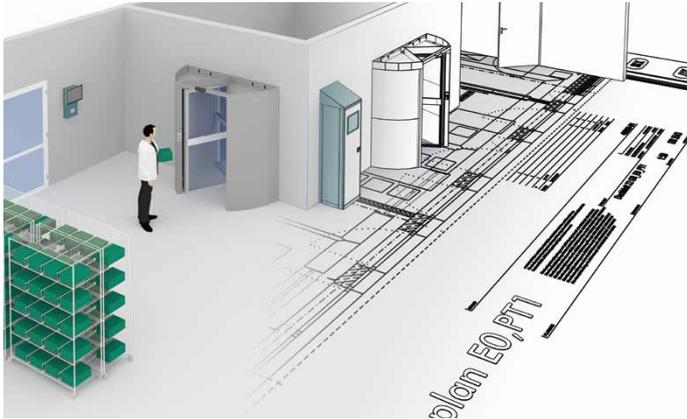
Each garment is marked with a UHF transponder. This electronic tagging enables automatic management of the garments and documentation of the life cycle.

A textile transponder is essential and absolutely necessary for the introduction of an RFID-based laundry management system. Here, the transponder from deister electronic does not necessarily have to be used. We are also able to integrate most of the transponders commonly available on the market into our system.



We accompany you from the beginning to the end

The total package – everything from a single source



Individual project planning and consulting including service and support services

You have certain ideas, conceptions or specifications – we have the corresponding know-how to be able to implement your individual wishes.

From the feasibility check and space planning to the visualisation and installation of the laundry dispensing system, we are by your side with advice and support from the very beginning to enable the most transparent and best possible management of the entire laundry cycle.

Our focus is on maximum user-friendliness, high speeds in the dispensing and return process, reliable recording of employees and garments within these processes, and low space consumption.

Of course, we are also there for you after the installation! If there are any problems with the system, if it fails or if you simply have questions about the installed system, we will always be there to help you.

- ✔ Implementation of custom-fit 3D visualisations
- ✔ Service & Support
- ✔ Training & briefings for technicians & employees

Test system

Test the usability and performance of our laundry management system at any time in our demo room. Here you can operate and test all the products and applications of the solution yourself.

You would rather test such a system under real conditions? No problem! We can gladly arrange an individual test situation, just contact us.



Installation, commissioning and training

We personally ensure that the system is professionally installed and put into operation. This is accompanied by administrative training on the hardware and software before your employees are then instructed in how to use the system.

About deister electronic

deister electronic is an innovative, family owned global business with 40 years of experience in developing electronic and mechanical products for security and industrial automation. Widely acclaimed for our expertise and specialist implementation of RFID technology within practical applications, from Key Management and access control to logistics and process control.

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