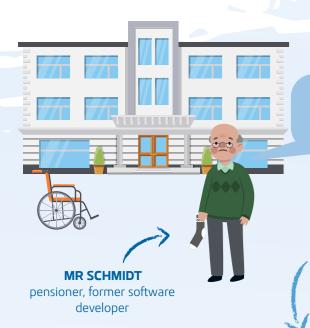# SATURN

THE LAUNDRY MANAGEMENT SOFTWARE

SATURN

SATURN
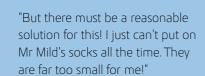
TO USE IN THE RETIREMENT HOME

This is Mr Schmidt, former software developer! Since living in a retirement home, he is constantly finding the wrong garments in his laundry.

"Why is this happening all the time? I always find socks or other pieces of clothing belonging to other people amongst my freshly washed clothes!"

He asks his retirement home's laundry service why this happens again and again. Mr Butz at the laundry explains as follows:

MR SCHMIDT
pensioner, former software developer

"I am really sorry, Mr Schmidt. Everything is constantly going haywire in our laundry. Thousands slips of paper and each one belongs to one single textile. This simply can't be sorted out at the end. Unfortunately, sometimes garments simply disappear."

"But there must be a reasonable solution for this! I just can't put on Mr Mild's socks all the time. They are far too small for me!"

MR BUTZ
laundry manager

Mr Butz tries to calm down Mr Schmidt, who is upset, but this one just turns around and leave. Mr Schmidt is not satisfied with the answer. Therefore, he decides to find out how this problem could be solved.

He feels sorry for the laudry Manager. How many people asks every day for their clothes? How many people complains about missing clothes? And Mr Butz can give noone any information about their clothes.

As searching, Mr Schmidt encountered a great solution: **SATURN**. A software that concentrate every laundry information about customer, wearer, garment, also logically re-sorts, and unmake the chaos of the laundry.

With this knowledge, he went to the laundry to tell Mr Butz about it.

"Hello, Mr Butz! I think I have the solution to your problems! Do you know about SATURN? This software manages and sorts your washing in a structured way. It will always deliver the right laundry to me in the retirement home!"

Mr Butz is interested and looks at the information.

"This is really great! No tiresome slips of paper anymore, no lost or wrongly sorted textiles – my customers will be happy indeed. And this is also for us a facilitation for sure!"

You feel concerned by this and are experiencing similar problems in everyday work? Then THERMOTEX has the solution for you:
The coordination centre for your laundry – SATURN!
Digitalise your operations in combination with data matrix, barcode and / or RFID technology.

SATURN IN USE

THE COORDINATION CENTRE FOR LAUNDRY LOGISTICS

Create full **transparency** in your process flow! SATURN supports your **processes**, **increasing your productivity and efficiency**. In addition, you get a simple, statistical overview of each garment, each wearer and each customer. **Combine SATURN individually with THERMOTEX products**, such as printing or laundry sorting systems, in order to optimise your process safely and efficiently.
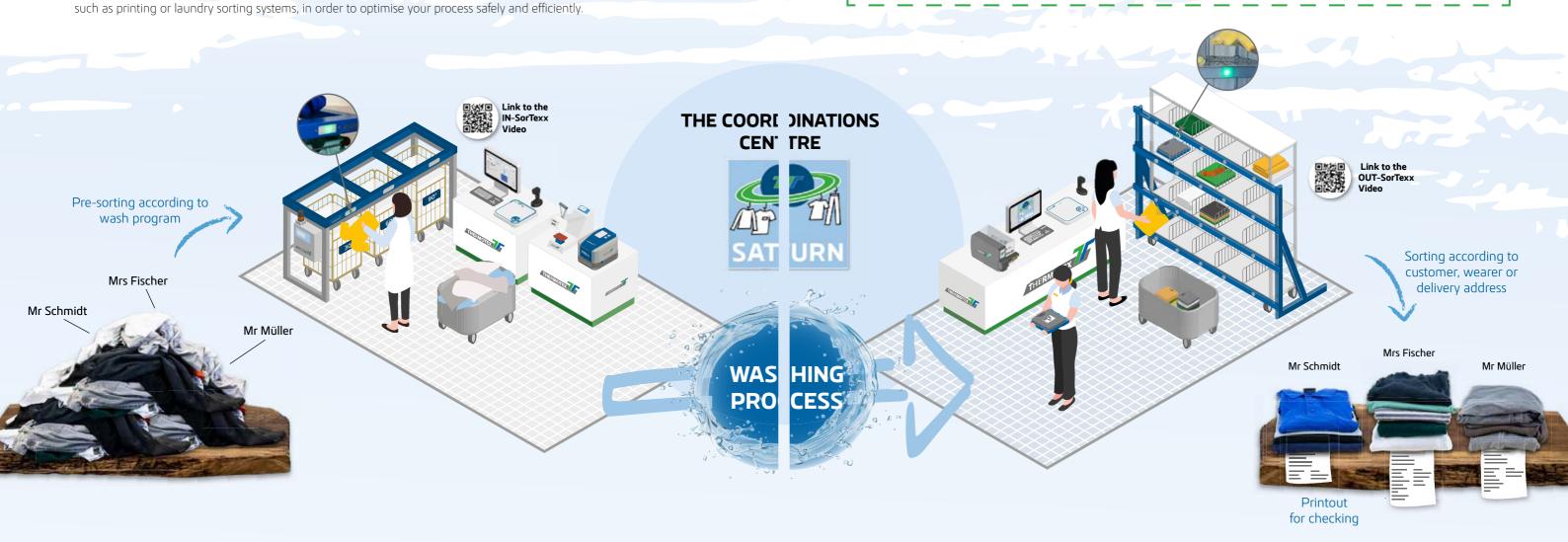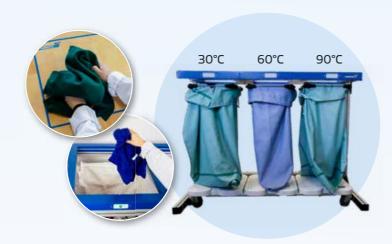
OVERVIEW OF THE BENEFITS

- ✓ structured presentation of data (tree structure)
- ✓ efficient optimisation of processes via software: saving work and costs
- ✓ slips of paper no longer necessary: digital archiving
- ✓ transparency and data record throughout the entire process
- ✓ precise tracking of individual garments

- ✓ greater certainty and fewer complaints
- ✓ avoids errors (laundry entry and exit) and reduces error sources
- ✓ can be configured individually and customer specific
- ✓ automated label and receipt printing
- ✓ flexible user and rights management with password protection

Link to the IN-SorTexx Video

THE COORDINATIONS CENTRE

SATURN

WASHING PROCESS

Pre-sorting according to wash program

Mrs Fischer

Mr Schmidt

Mr Müller

Link to the OUT-SorTexx Video

Sorting according to customer, wearer or delivery address

Mr Schmidt

Mrs Fischer

Mr Müller

Printout for checking

DIRTY LAUNDRY SORTING
IN ENTRY

IN-SorTexx

- ⠿ sorting laundry depending on wash programs
- ⠿ simple and fast sorting of the garments through optical and / or acoustic signals
- ⠿ servey limit and threshold values according to garment wash cycles
- ⠿ flexible use for shelves, containers or collectors

30°C   60°C   90°C

CLEAN LAUNDRY SORTING
AT LAUNDRY EXIT

OUT-SorTexx

- ⠿ simple sorting per customer, wearer or delivery address (dynamic or static)
- ⠿ output document ensures transparency and security
- ⠿ statistics documentation to be sent as PDF file or printout

GENERAL INFORMATION

SATURN basic installation:

- SATURN licence for 5 workstations
- installation and configuration by remote service
- project planning, instruction and training by remote service

OPTIONAL (additional costs)

- service and maintenance contract
- updates
- data transfer
- additional licences for further workstations
- local support: Installation and configuration or project planning and training

LAUNDRY MANAGEMENT IS MANAGED BY

CAN BE USED INDIVIDUALLY OR IN COMBINATION

data matrix and / or barcode and scanner

transponder and reading system (HF or UHF technology)

FUNCTIONS AND FEATURES

- **multi-lingual:** DE, FR, EN, IT, NL, PL
- **explicit IDs** for barcodes and transponders
- dynamic or static sorting possible
- automatic printing of **name and identification labels** with individualised layouts
- specific configuration of **exit filters** (which criteria for sorting and/or emptying?)

Deliveraddress
- Wearer
- **Deliveraddress**
- Customer
- Wearer group

- **detailed information on laundry items** (type, size, washing process, pattern, colour, etc.)
- photograph of laundry item (e.g. when damaged)
- differentiation of folded or hanging laundry in exit process
- **monitoring number of wash cycles** (current, threshold value, maximum value)

Wash cycles	
Current number of wash cycles	5
Threshold of washing cycles	45
Maximum number of wash cycles	50

- **evaluation** of customers, delivery addresses, wearers and garments

FIRST INSTALLATION PROCESS

Step 1:
Program installation and configuration by support

Step 2: SATURN training
by distance learning or on-site (additional charge)

Step 3: Transfer or first installation of database by tree structure
a) Self-installation: create a customer profile, delivery addresses and wearers
or
b) Assisted by Support by remote service or on site (additional charge)

Step 4: Database grows by adding independantly further data such as customers, delivery addresses, wearers and garments

NEW CUSTOMER TO BE ENTERED?
INSTALLATION PROCESS

The client base – adding customer to SATURN

Master data

Client base

Add new customer

Enter customer data:
- client number
- name, street, postcode, town, country
- contact, phone, fax, mail
- compartment numbers (Box)

*Compulsory field

CAN BE CONFIGURED INDIVIDUALLY AS PER CUSTOMER REQUIREMENT

STANDARD STRUCTURE OF DATABASE

Client

Delivery address 1   Delivery address 3

Delivery address 2

Wearer 1   **Wearer 2**   Wearer 3

Laundry list
- Trousers
- Jacket
- Underpants
- Vest
- Shirt
- Trousers

1x Trousers (blue)
WEARER: Mr Müller
ID: 00100213
Receipt date: 20.11.2018

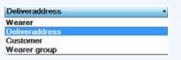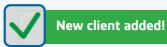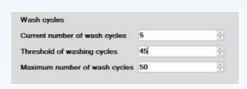**Label configuration** can be created individually for:
- label
- name label
- receipt

Sorting criteria:
- can be set for pre-sorting, sorting at exit and removal process ("empty SorTexx")
- sorting criteria:

Deliveraddress
- Wearer
- **Deliveraddress**
- Customer
- Wearer group

Adding logo

New client added!

🏠 NEW **DELIVERY ADDRESS** TO BE ENTERED?
INSTALLATION PROCESS

The client base – add new delivery address

👥🏠 Master data

🏠 → 🏠
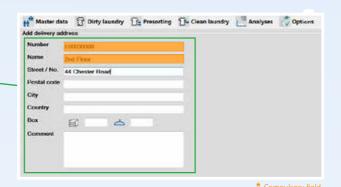Client base → Delivery address

Select **delivery address** to customer

➕ Add new delivery address

Enter customer data:
- ☐ number
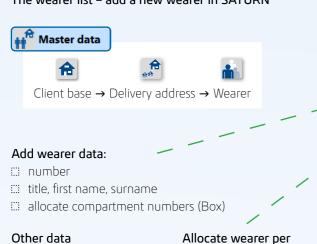- ☐ name, street, postcode, town, country
- ☐ compartment numbers (Box)

✅ New delivery address added!

* Compulsory field

👤 NEW **WEARER** TO BE ENTERED?
INSTALLATION PROCESS

The wearer list – add a new wearer in SATURN

👥🏠 Master data

🏠 → 🏠 → 👤
Client base → Delivery address → Wearer

➕ Add new wearer

Add wearer data:
- ☐ number
- ☐ title, first name, surname
- ☐ allocate compartment numbers (Box)

Other data	Allocate wearer per
☐ room	☐ customer
☐ compartment number	☐ delivery address
☐ items for ironing	☐ wearer group
☐ chest label	☐ wearer category
☐ comment	

* Compulsory field

✅ New wearer added!

📄 NEW **TEXTILE** TO BE ENTERED?
INSTALLATION PROCESS

The laundry list – link the textile with SATURN
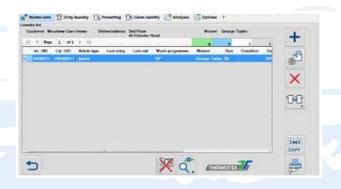
👥🏠 Master data

🏠 → 🏠 → 👤 → 📄
Client base → Delivery address → Wearer → Laundry list

Open the wearer's laundry list, which the textile is to be assigned to.

➕ Add new article / laundry item

Read ID
- → Barcode: allocated automatically
- → Transponder: also read with antenna

Enter laundry data:
☐ articel type	☐ wash programme
☐ composition	☐ items for ironing
☐ pattern	☐ comment
☐ size	☐ picture
☐ condition	☐ color

Wash cycles
- ☐ current number of wash cycles
- ☐ threshold of washing cycles
- ☐ maximal number of wash cycles

* Pflichtfeld

✅ Textile is entered in SATURN

🖨 textile labels are printed automatically
(layouts can be individually configured)

🏷 heat seal label (with transponder) onto the textile

✅ Textile and ID are "married" and stored in the system

- → enter more articles
- → copy articles
- → multiple copy function for articles

YOU CAN START SORTING NOW!

✅ New textile added!

SATURN IN COMBINATION WITH THERMOTEX PRODUCTS

OUT-SorTexx

IN-SorTexx

Printing system

Webcam

Thermo-Ident

RFID table scanning system for individual scanning

Transponders

RFID tunnel antenna scanning systems for bulk logging

Scanner systems

TT5-L

SATURN

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**We're looking forward
to your call!**

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