



WSP Systems solutions WinWash 2.0 (PLUS)

Running a laundry successfully has become an elite challenge. New production techniques are pushing up productivity and driving upscaling, while at the same time the customer expects the ultimate customization. Laundry production processes and those involving the customer organization are becoming ever more entwined. With unparalleled logistical complexity as the result. The laundries equit to this formidable challenge are those that make the transition from machine thinking to chain thinking. WSP Systems is a driving force behind these success stories.

Machines produced by specialist manufacturers naturally account for much of the technical installation. But even the best machines never perform better than the total logistics system of which they are a part. This knowledge prompted WSP Systems to develop smart software that controls every aspect of the logistics. Software for the entire chain, from customer to customer and that 'talks' to every conceivable device, from wash tunnels to sealing machines and from item scanners

to financial software.

Over twenty-five years of practical experience and the latest generation of software and control systems come together in WinWash. This creates the opportunity to feed WinWash continually with the latest developments, thus ensuring that the software is both future-proof and dynamic. WinWash started life as a control system designed to run the entire logistics process in the laundry. But with WinWash PLUS, a sector-specific solution was created that dovetails seamlessly with all the processes throughout the laundry chain, from customer to customer. This makes WinWash the linchpin of your business, and data from the entire chain is used to bring even more efficiency to the laundry process.

The secret of productivity according to WSP Systems:
"Moving from machine thinking to chain thinking"

WINWASH

First and foremost, WinWash is designed to convey the laundry through the laundry process as efficiently and effectively as possible, from receipt to dispatch-ready. Not by following a rigid route, but dynamically, and geared to available capacities.

Process control functionalities

- Soiled sorting based on a (customer-specific) sorting template
- Dynamic loading of soiled laundry bag rail system, taking account of clean laundry production lines, washing and drying processes, customer switches and priority
- Call-off from soiled laundry bag rail system, taking account of washing, drying and processing capacities
- Customer/product-specific program control despatching laundry to wash tunnel for the washing process
- Logistical control of transport system to and from dryers
- Customer/product-specific program control despatching laundry to dryers for the drying process
- Dynamic loading of clean laundry bag rail system for a constant supply of laundry to production lines and minimising customer and product switches

- Call-off from clean laundry bag rail system, taking account of customer switches, product switches, the batch sizes of customers and/or products
- Customer/product-specific program control despatching laundry to ironers and folders
- Control of the system of packet transport to packing department, whereby packet information such as customer and product are traced and visualised through to packing

Process visualisation and process settings

- Visualisation of entire process in a single layout
- Customer and product-specific process settings
- Batch information: customer, type of laundry (product), clean laundry processing line (product group), washing programme, press programme, drying programme, folding programme, (batch) weight, daily production, priority
- Production reporting

Control-related functionalities

- Manual controls, time settings, speed controls
- Malfunction notifications
- Reporting



“WSP is a frank, honest sparring partner who thinks in terms of solutions. We like that. It is only logical that WSP, as the spider in the web, should be in charge. It works very well.” Roel Stad (director Moderna Textielservice)

WINWASH PLUS MODULES

WinWash PLUS consists of various modules or apps. These modules not only provide a solution for the process beyond the laundry, but also add functionalities to the process in the laundry. With the WinWash PLUS modules, processes become automated, such as:

Basic module

The basic module offers all the relevant reports needed to reveal the logistics process, in particular the throughput of the production lines.

In other words, instead of counting batches in the WinWash layout, PLUS shows the current logistics status at a glance.

In addition, WinWash PLUS makes analyses and data available in the form of additional reports and data exports.

Finally, this module is intended to serve as the basis for the other PLUS modules.

Planning module

The planning module ensures that laundry enters the laundry in good time and that it is clear when it should be ready. In addition, the module ensures that the quantity of laundry (= the workload) is registered as early as possible, so that the necessary people (FTE) and machine capacity can be planned.

When laundry is entered as a pool, WinWash PLUS anticipates production capacity based on historical demand.

Article registration module

This registers the number of an article belonging to a customer for a particular product being processed in the laundry. With automatic counting, the module enables the ironers and towel folders to supply the correct information. With manual counts it fills in the counting positions for which no automatic count is available. In all cases this module obviates the need to take written notes in the laundry and process this information later in the administration.

The counts and registrations are sent automatically to your invoicing or linen management software.

Customer portal

The customer portal is the link between the laundry and its customers. This portal opens up the laundry process for the customer while also offering customers the opportunity to be in direct contact with the laundry, without having to email or telephone.

In this way, we achieve a very short line between the customer and his or her laundry company. The laundry is always at the customer's side.

Work instructions

Work instructions ensure that production staff are always aware of the processing status of a customer's laundry or the status of a production process on the work floor. This applies to the entire process, including the packing of containers.

Drivers' app and container registration

This module fulfils two aims:

- The drivers receive very specific information about their deliveries, such as which customers to visit, the number of containers per customer, and customer-specific details.
- The driver provides correct and timely information, such as the number of containers collected and visit information (e.g. no laundry collected).

By giving the driver an app we close the circle of information (within and beyond the laundry).

Item management

Item identification makes each product uniquely recognisable with the help of a chip or barcode. This enables track-and-trace at piece level. The most common example is personal laundry for care homes and nursing homes.

But in addition it is also used to identify hotel linens in the higher segment of the market. Here, in particular, there is scope for limiting the loss of laundry by using this module, as well as for gaining full insight into, say, throughput speed.

Simulator

The simulation provides the opportunity to simulate a past situation and to look at the feasibility of new customers (additional laundry).

In addition, the best logistical arrangements and solutions can also be examined.

Maintenance module

This provides a maintenance schedule based on time and operating hours. Technical information is available online via the cloud.

